

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130740.D
 Acq On : 21 Oct 2022 12:23
 Operator : CG\JU
 Sample : PB148413BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148413BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/24/2022
 Supervised By : Jagrut Upadhyay 10/24/2022

Quant Time: Oct 21 13:40:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	100157	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	365543	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	183900	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	389408	20.000	ng	0.00
76) Chrysene-d12	13.704	240	201816	20.000	ng	0.00
86) Perylene-d12	15.080	264	192641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	667624	114.945	ng	0.01
7) Phenol-d6	6.222	99	808314	115.022	ng	0.00
23) Nitrobenzene-d5	7.140	82	435553	63.208	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	261606	149.585	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	968936	80.293	ng	0.00
79) Terphenyl-d14	12.657	244	1028550	85.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.205	88	69549	20.126	ng	98
3) Pyridine	2.881	79	181246	27.205	ng	99
4) n-Nitrosodimethylamine	2.834	42	99076	33.473	ng	99
6) Aniline	6.234	93	268929	33.216	ng	# 86
8) 2-Chlorophenol	6.351	128	258733	38.498	ng	98
9) Benzaldehyde	6.116	77	134616	32.809	ng	92
10) Phenol	6.234	94	301158	38.871	ng	91
11) bis(2-Chloroethyl)ether	6.310	93	227299	39.499	ng	99
12) 1,3-Dichlorobenzene	6.498	146	269527	36.917	ng	98
13) 1,4-Dichlorobenzene	6.581	146	292582	38.962	ng	100
14) 1,2-Dichlorobenzene	6.728	146	223884	31.556	ng	99
15) Benzyl Alcohol	6.728	79	163033	31.628	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.845	45	232641	31.517	ng	# 68
17) 2-Methylphenol	6.845	107	173569	31.394	ng	96
18) Hexachloroethane	7.063	117	87922	31.350	ng	97
19) n-Nitroso-di-n-propyla...	6.992	70	146840	30.923	ng	97
20) 3+4-Methylphenols	6.998	107	229630	31.688	ng	93
22) Acetophenone	6.987	105	315640	35.397	ng	# 97
24) Nitrobenzene	7.157	77	228746	32.633	ng	99
25) Isophorone	7.398	82	415031	36.556	ng	98
26) 2-Nitrophenol	7.469	139	125436	35.691	ng	95
27) 2,4-Dimethylphenol	7.522	122	196161	41.253	ng	97
28) bis(2-Chloroethoxy)met...	7.610	93	259527	39.462	ng	99
29) 2,4-Dichlorophenol	7.722	162	204963	39.090	ng	99
30) 1,2,4-Trichlorobenzene	7.787	180	206758	37.549	ng	98
31) Naphthalene	7.869	128	718147	38.102	ng	99
32) Benzoic acid	7.698	122	87019	33.665	ng	97
33) 4-Chloroaniline	7.934	127	255616	35.252	ng	99
34) Hexachlorobutadiene	7.981	225	134773	38.498	ng	99
35) Caprolactam	8.316	113	75054m	45.800	ng	
36) 4-Chloro-3-methylphenol	8.434	107	224065	39.539	ng	95
37) 2-Methylnaphthalene	8.557	142	493715	39.980	ng	100
38) 1-Methylnaphthalene	8.657	142	462377	37.765	ng	99
40) 1,2,4,5-Tetrachloroben...	8.722	216	231577	47.456	ng	99
41) Hexachlorocyclopentadiene	8.704	237	96527	98.370	ng	96
43) 2,4,6-Trichlorophenol	8.851	196	141378	46.033	ng	98

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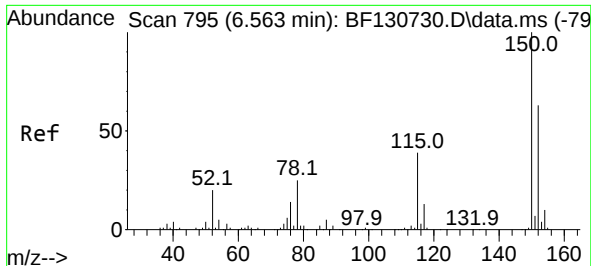
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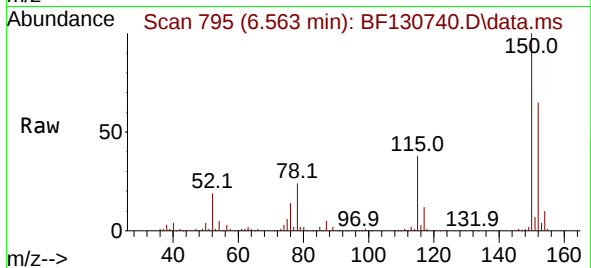
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.898	196	150788	45.144	ng	97
46) 1,1'-Biphenyl	9.022	154	623709	48.625	ng	100
47) 2-Chloronaphthalene	9.045	162	507413	47.569	ng	99
48) 2-Nitroaniline	9.157	65	141815	43.315	ng	91
49) Acenaphthylene	9.457	152	643610	40.950	ng	100
50) Dimethylphthalate	9.333	163	596542	48.226	ng	100
51) 2,6-Dinitrotoluene	9.404	165	138080	49.847	ng	98
52) Acenaphthene	9.628	154	387716	39.688	ng	99
53) 3-Nitroaniline	9.575	138	96558	30.591	ng	95
54) 2,4-Dinitrophenol	9.692	184	83950	75.385	ng	97
55) Dibenzofuran	9.798	168	615177	40.911	ng	100
56) 4-Nitrophenol	9.763	139	65678	69.984	ng	97
57) 2,4-Dinitrotoluene	9.810	165	156065	41.825	ng	99
58) Fluorene	10.145	166	525183	41.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.928	232	110649	41.669	ng	98
60) Diethylphthalate	10.028	149	531889	41.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.133	204	244992	43.708	ng	92
62) 4-Nitroaniline	10.192	138	119849	40.029	ng	100
63) Azobenzene	10.298	77	478990	42.745	ng	98
65) 4,6-Dinitro-2-methylph...	10.222	198	74335	31.939	ng	98
66) n-Nitrosodiphenylamine	10.263	169	456749	34.025	ng	100
67) 4-Bromophenyl-phenylether	10.622	248	177257	37.843	ng	99
68) Hexachlorobenzene	10.686	284	205869	38.453	ng	99
69) Atrazine	10.792	200	168446	45.311	ng	98
70) Pentachlorophenol	10.892	266	92102	73.511	ng	96
71) Phenanthrene	11.098	178	820032	38.402	ng	100
72) Anthracene	11.151	178	837868	39.319	ng	99
73) Carbazole	11.316	167	682591	34.694	ng	100
74) Di-n-butylphthalate	11.639	149	860327	35.553	ng	99
75) Fluoranthene	12.280	202	701345	32.488	ng	99
77) Benzidine	12.416	184	193650	65.943	ng	98
78) Pyrene	12.510	202	702191	41.451	ng	100
80) Butylbenzylphthalate	13.133	149	279435	41.572	ng	98
81) Benzo(a)anthracene	13.692	228	527417	39.111	ng	98
82) 3,3'-Dichlorobenzidine	13.663	252	158910	40.579	ng	99
83) Chrysene	13.733	228	491654	37.629	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	348855	43.811	ng	100
85) Di-n-octyl phthalate	14.298	149	472988	45.056	ng	99
87) Indeno(1,2,3-cd)pyrene	16.368	276	547463	39.625	ng	99
88) Benzo(b)fluoranthene	14.704	252	507177	39.541	ng	99
89) Benzo(k)fluoranthene	14.727	252	508532	39.462	ng	99
90) Benzo(a)pyrene	15.027	252	430139	41.753	ng	99
91) Dibenzo(a,h)anthracene	16.374	278	484371	42.427	ng	98
92) Benzo(g,h,i)perylene	16.757	276	398910	34.840	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

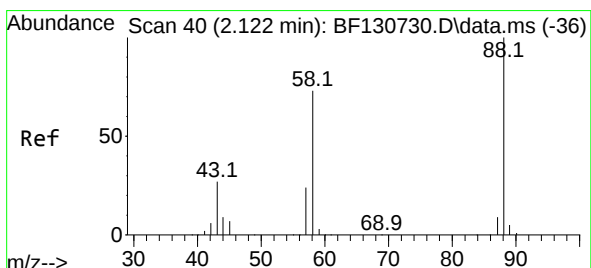
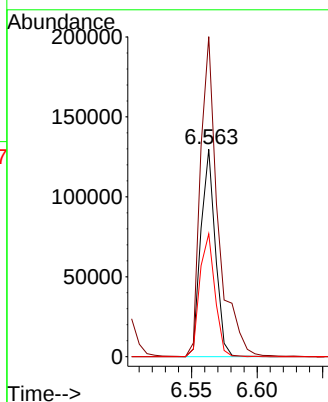
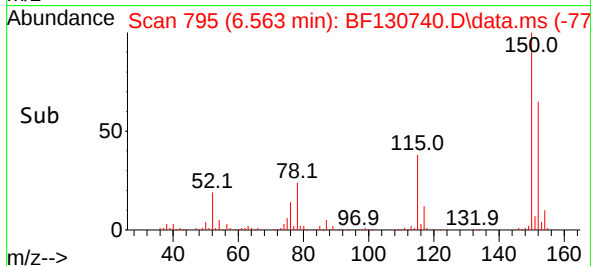
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion:152 Resp: 10015
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 59.3 49.9 74.9

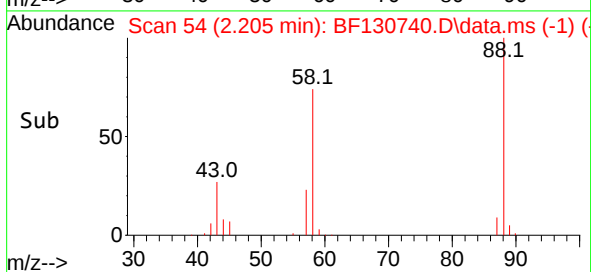
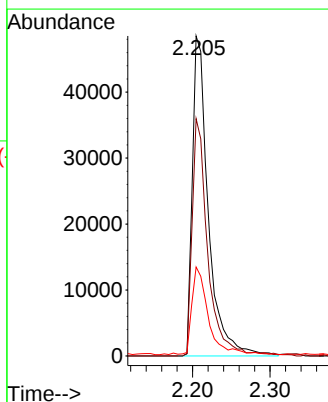
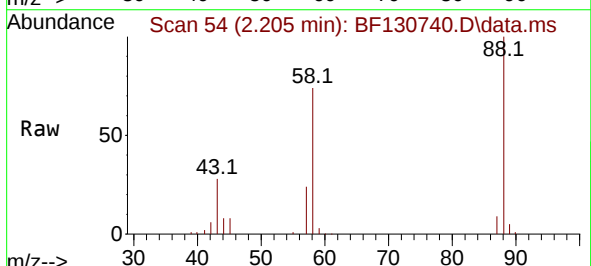
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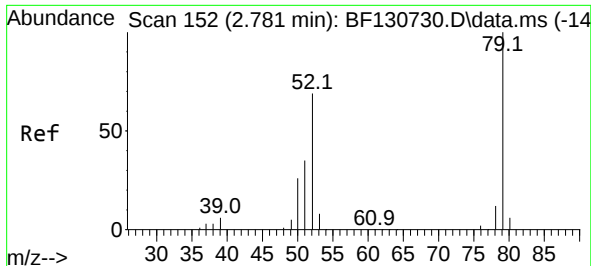
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#2
1,4-Dioxane
Concen: 20.126 ng
RT: 2.205 min Scan# 54
Delta R.T. 0.082 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

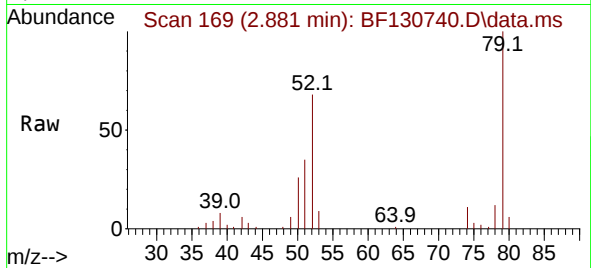
Tgt Ion: 88 Resp: 69549
Ion Ratio Lower Upper
88 100
58 72.5 57.1 85.7
43 28.4 21.4 32.2





#3
Pyridine
Concen: 27.205 ng
RT: 2.881 min Scan# 10
Delta R.T. 0.100 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

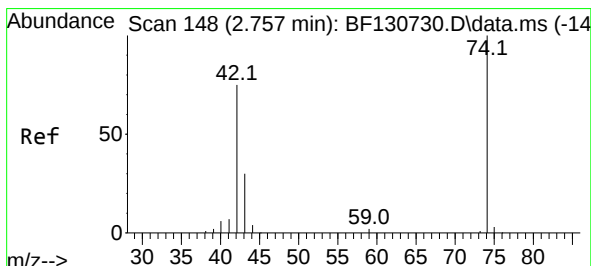
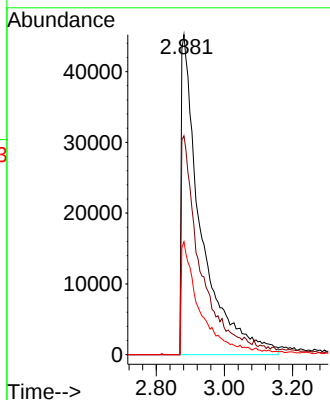
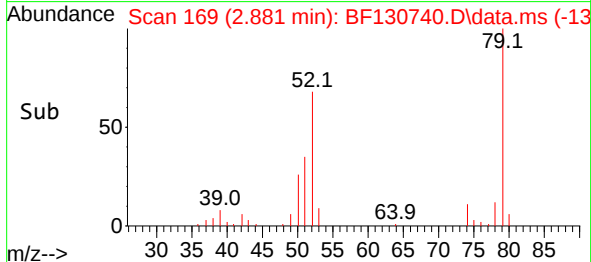
Instrument :
BNA_F
ClientSampleId :
PB148413BS



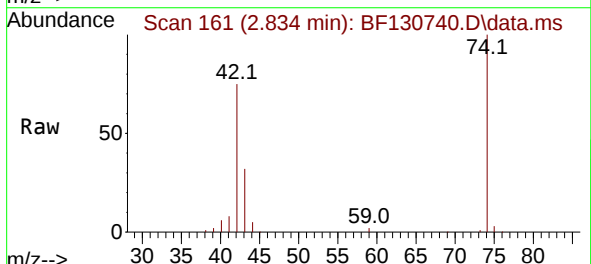
Tgt Ion: 79 Resp: 181240
Ion Ratio Lower Upper
79 100
52 68.4 55.4 83.0
51 35.3 28.1 42.1

Manual Integrations
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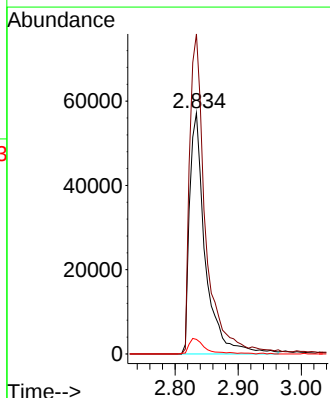
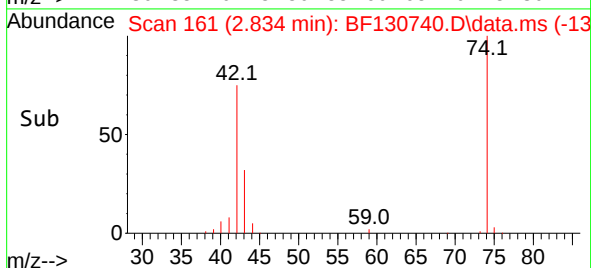
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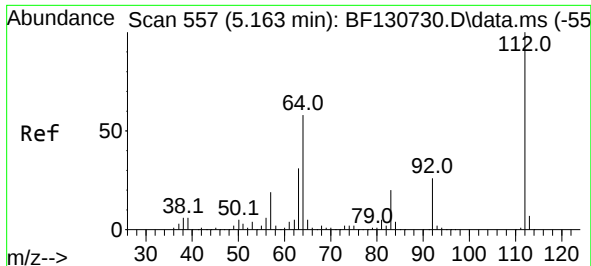


#4
n-Nitrosodimethylamine
Concen: 33.473 ng
RT: 2.834 min Scan# 161
Delta R.T. 0.077 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion: 42 Resp: 99076
Ion Ratio Lower Upper
42 100
74 132.8 107.3 160.9
44 6.1 4.6 7.0





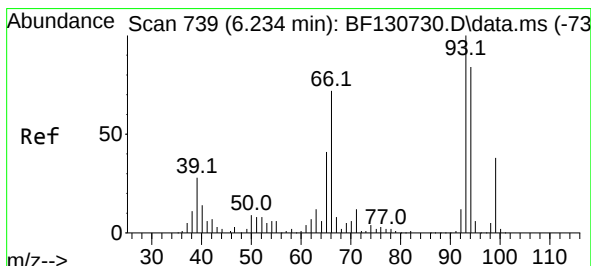
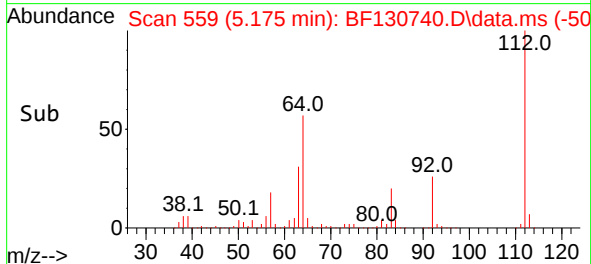
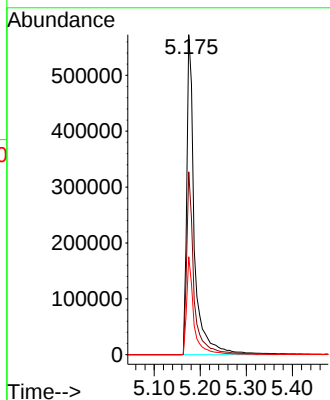
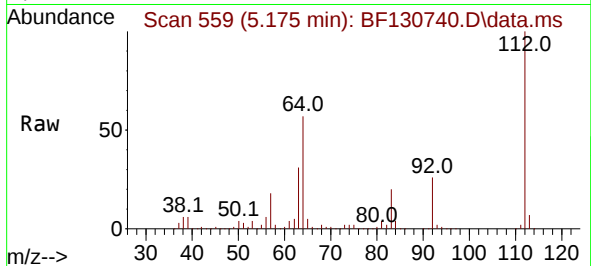
#5
2-Fluorophenol
Concen: 114.945 ng
RT: 5.175 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148413BS

Tgt Ion:112 Resp: 667624
Ion Ratio Lower Upper
112 100
64 57.2 46.2 69.4
63 30.6 25.1 37.7

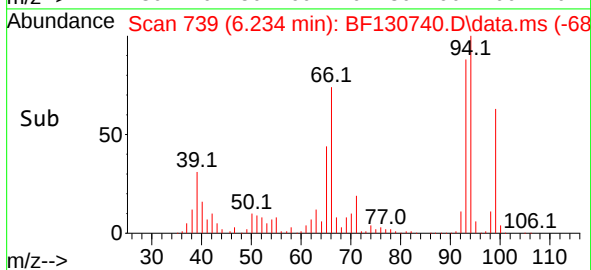
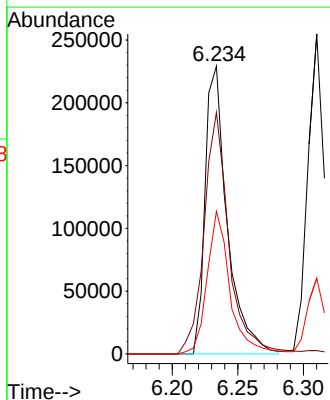
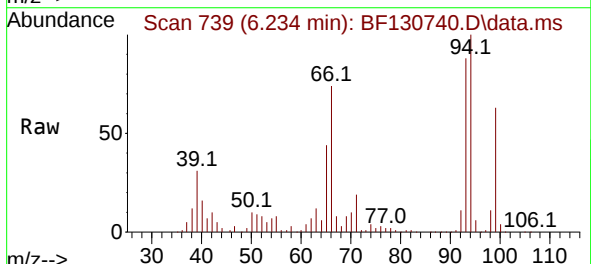
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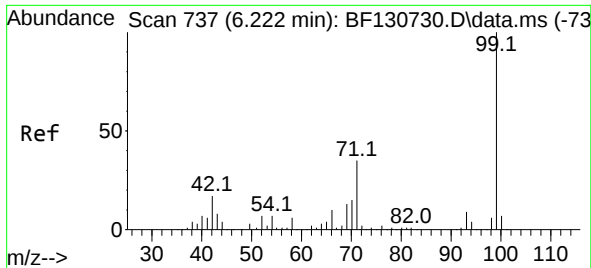
Reviewed By :Christian Giraldo 10/24/2022
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#6
Aniline
Concen: 33.216 ng
RT: 6.234 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

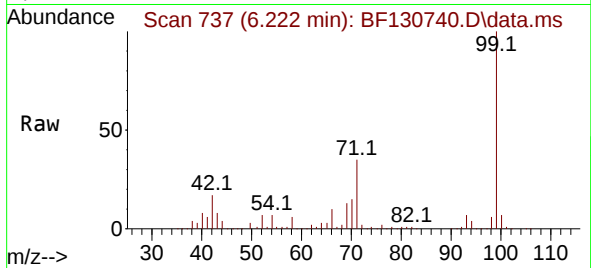
Tgt Ion: 93 Resp: 268929
Ion Ratio Lower Upper
93 100
66 83.9 57.9 86.9
65 49.6 33.0 49.6#





#7
Phenol-d6
Concen: 115.022 ng
RT: 6.222 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

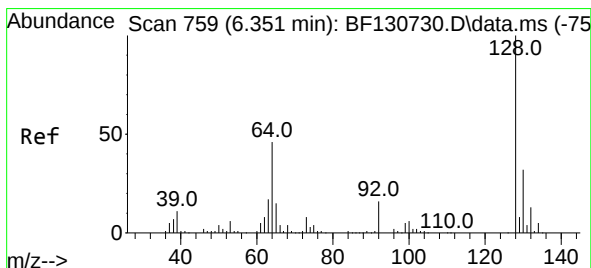
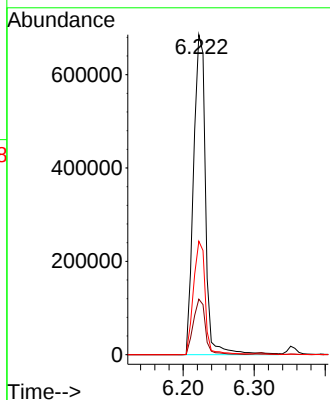
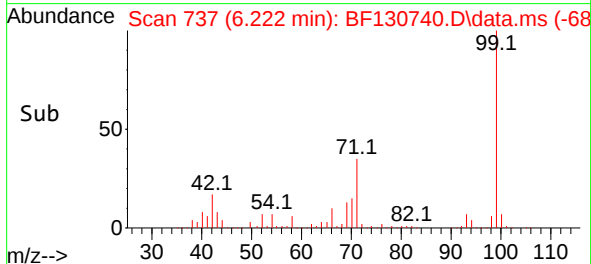
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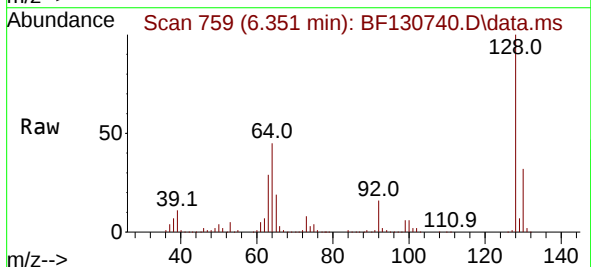
Tgt Ion: 99 Resp: 808314
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 35.5 28.3 42.5

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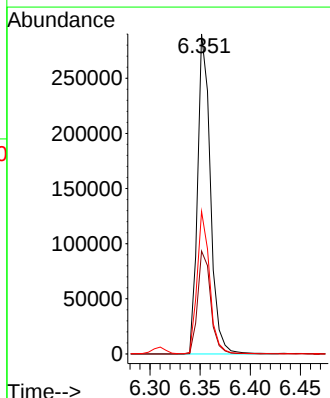
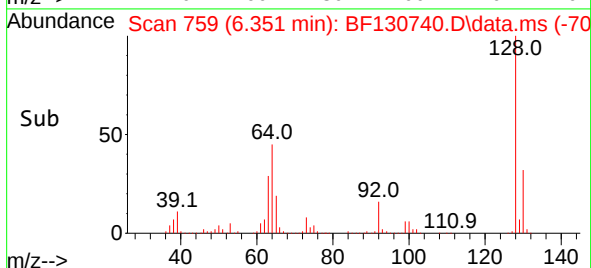
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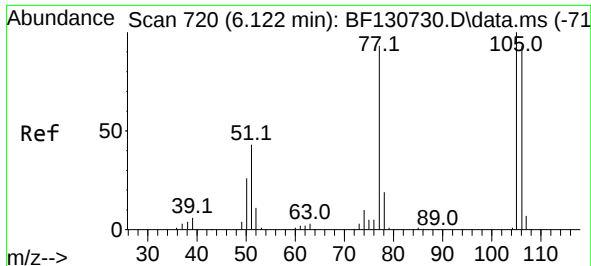


#8
2-Chlorophenol
Concen: 38.498 ng
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:128 Resp: 258733
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 44.6 26.8 66.8





#9

Benzaldehyde

Concen: 32.809 ng

RT: 6.116 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion: 77 Resp: 134610

Ion Ratio Lower Upper

77 100

105 96.8 87.1 127.1

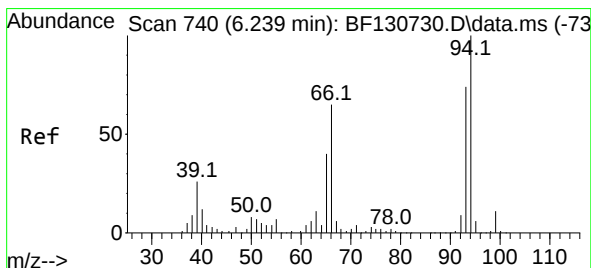
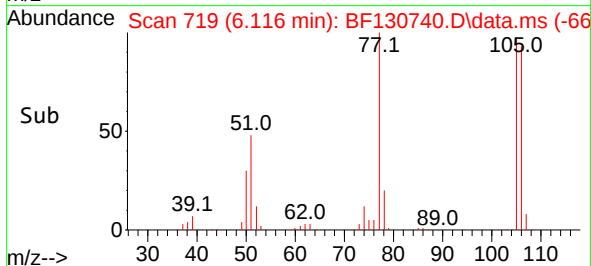
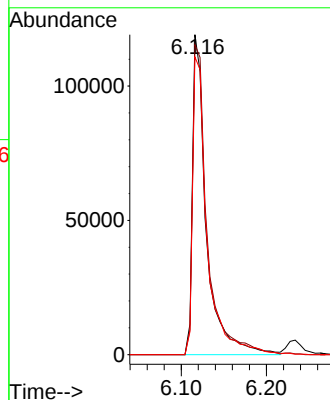
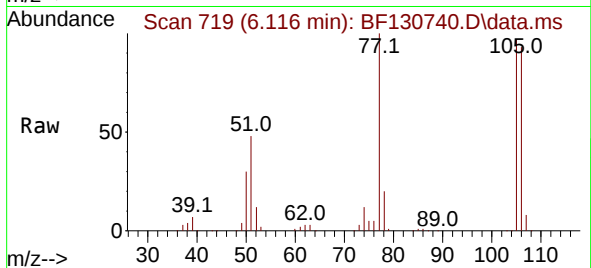
106 93.1 79.5 119.5

Manual Integrations

APPROVED

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#10

Phenol

Concen: 38.871 ng

RT: 6.234 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

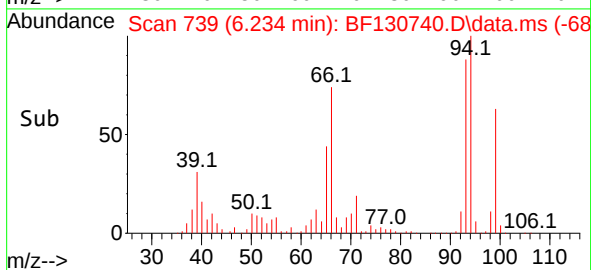
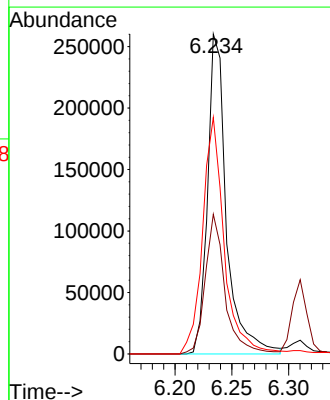
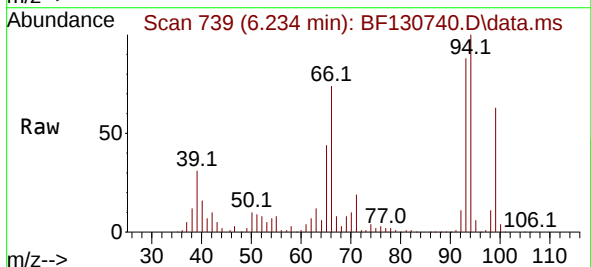
Tgt Ion: 94 Resp: 301158

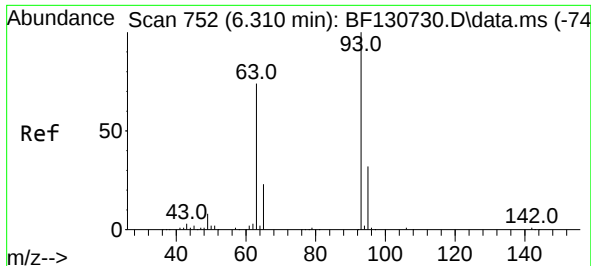
Ion Ratio Lower Upper

94 100

65 43.6 20.3 60.3

66 73.9 45.2 85.2





#11
bis(2-Chloroethyl)ether
Concen: 39.499 ng
RT: 6.310 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

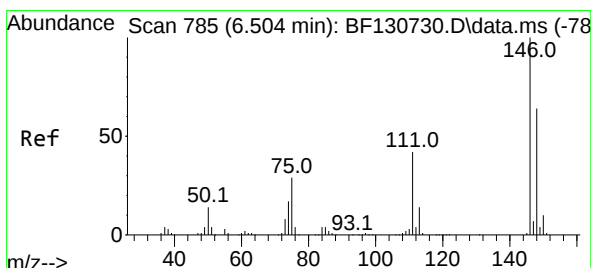
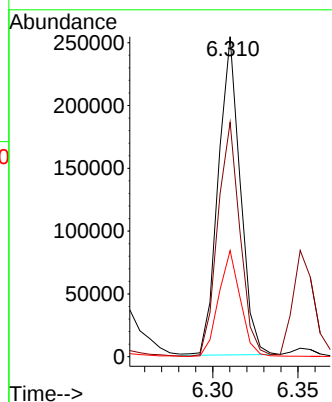
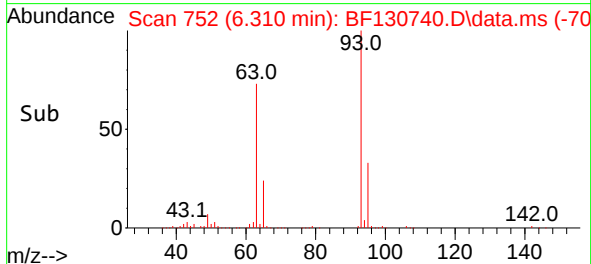
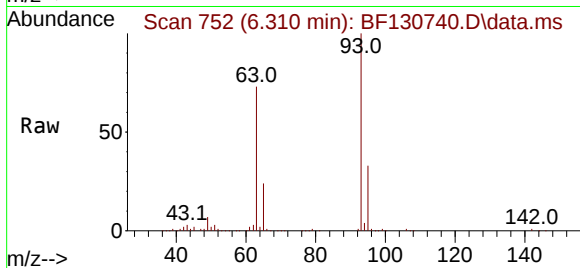
ClientSampleId :

PB148413BS

Tgt Ion: 93 Resp: 227299
Ion Ratio Lower Upper
93 100
63 73.3 53.6 93.6
95 33.1 11.8 51.8

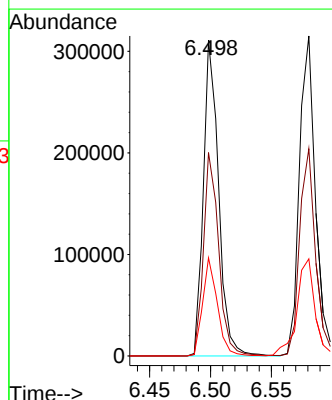
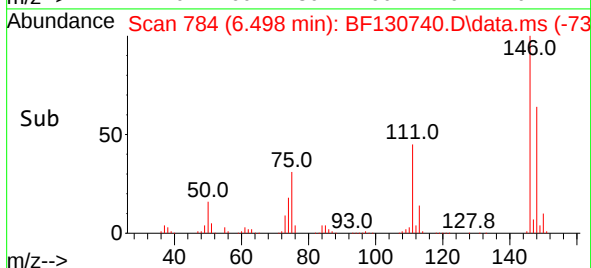
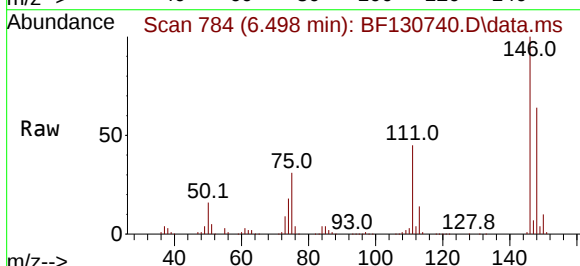
Manual Integrations
APPROVED

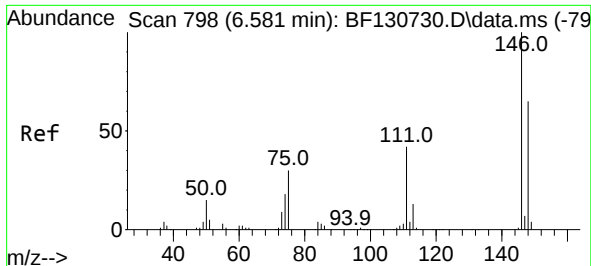
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#12
1,3-Dichlorobenzene
Concen: 36.917 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

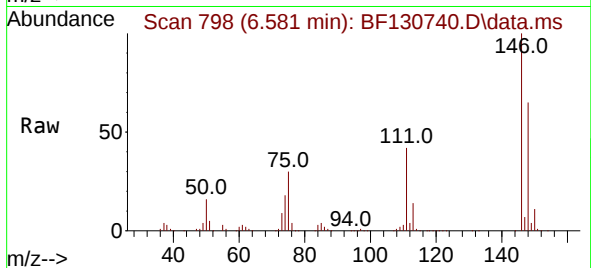
Tgt Ion:146 Resp: 269527
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 31.1 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 38.962 ng
RT: 6.581 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

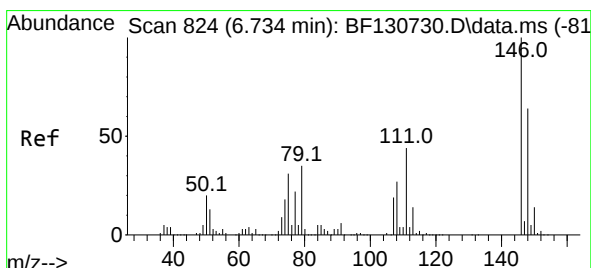
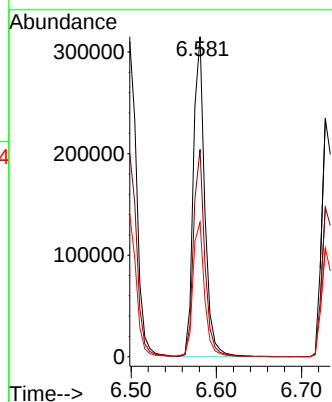
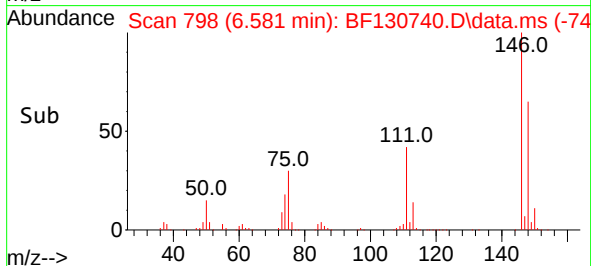
Instrument :
BNA_F
ClientSampleId :
PB148413BS



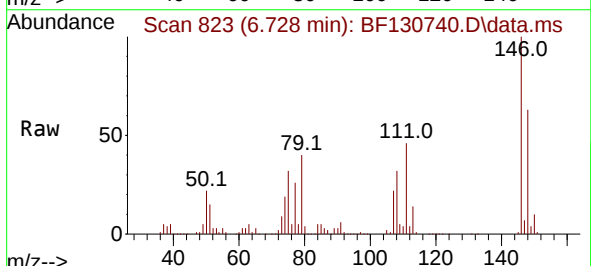
Tgt Ion:146 Resp: 292582
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
111 42.0 33.8 50.8

Manual Integrations
APPROVED

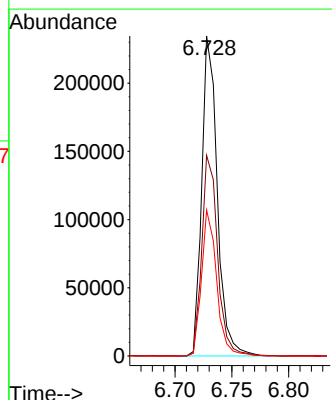
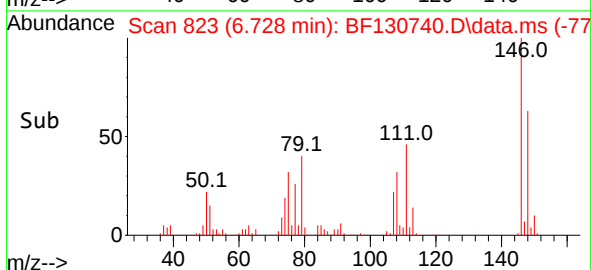
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

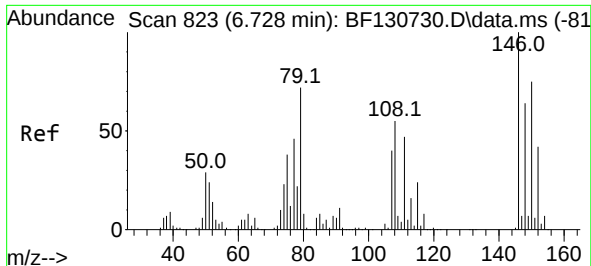


#14
1,2-Dichlorobenzene
Concen: 31.556 ng
RT: 6.728 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



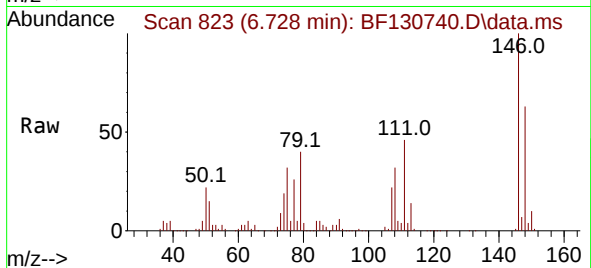
Tgt Ion:146 Resp: 223884
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 45.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 31.628 ng
RT: 6.728 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

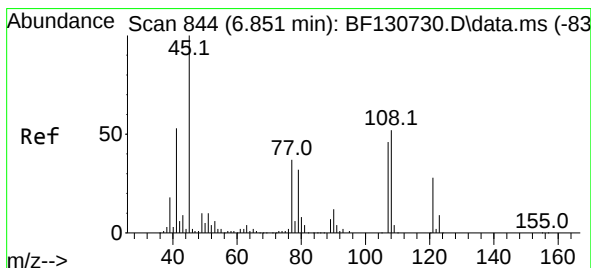
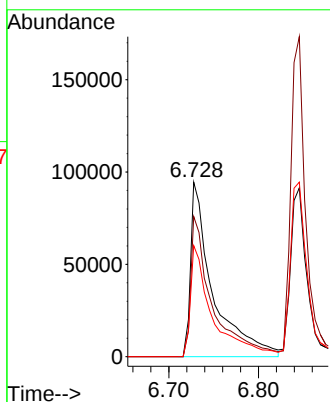
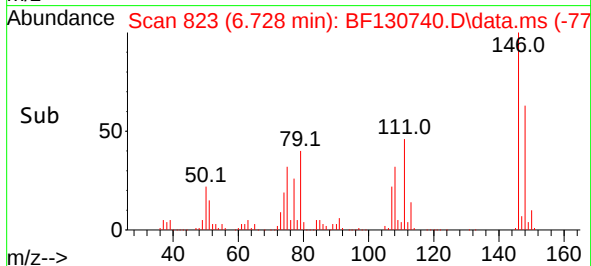
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion: 79 Resp: 16303
Ion Ratio Lower Upper
79 100
108 80.3 61.4 92.2
77 63.6 51.4 77.0

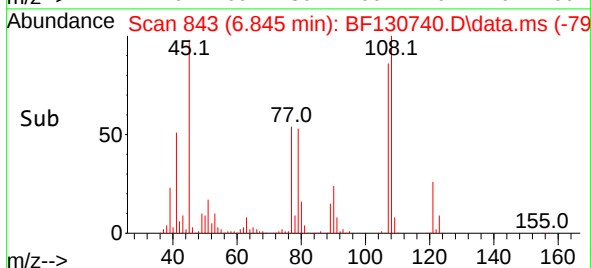
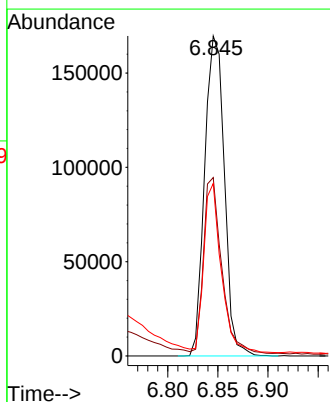
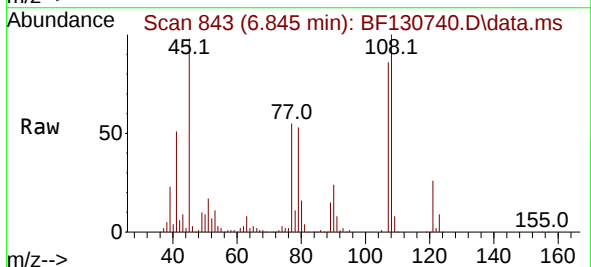
Manual Integrations
APPROVED

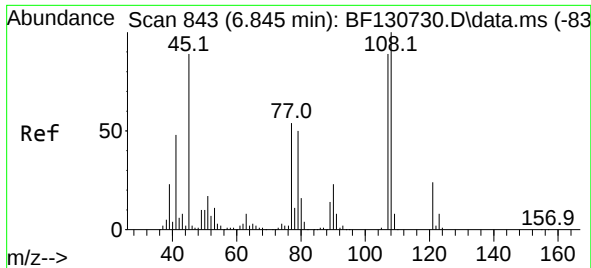
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.517 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

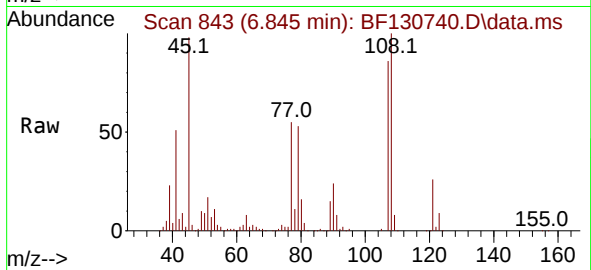
Tgt Ion: 45 Resp: 232641
Ion Ratio Lower Upper
45 100
77 55.7 17.7 57.7
79 53.9 13.8 53.8#





#17
2-Methylphenol
Concen: 31.394 ng
RT: 6.845 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

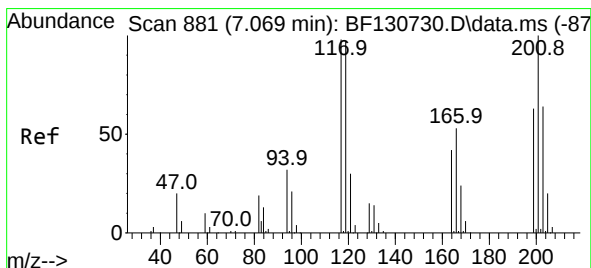
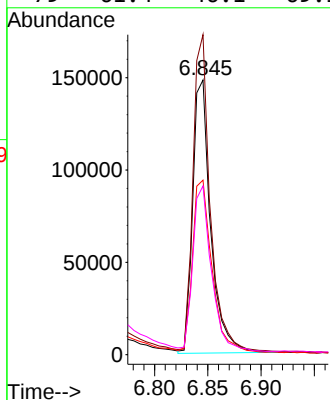
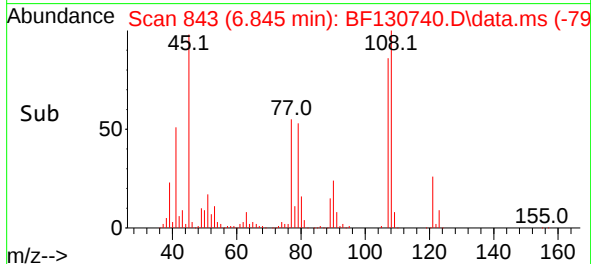
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion:107 Resp: 173569
Ion Ratio Lower Upper
107 100
108 116.5 90.4 135.6
77 63.6 48.9 73.3
79 61.4 46.1 69.1

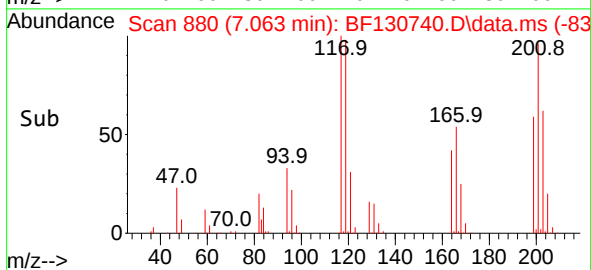
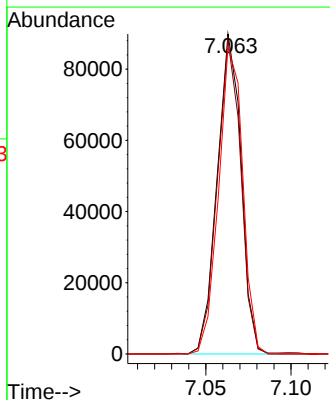
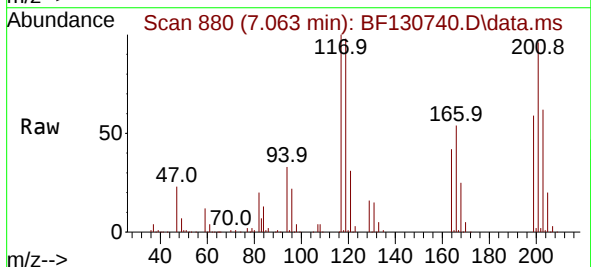
Manual Integrations
APPROVED

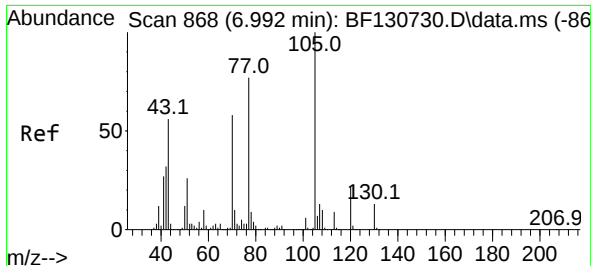
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#18
Hexachloroethane
Concen: 31.350 ng
RT: 7.063 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:117 Resp: 87922
Ion Ratio Lower Upper
117 100
119 98.1 79.1 118.7
201 96.0 81.5 122.3





#19

n-Nitroso-di-n-propylamine

Concen: 30.923 ng

RT: 6.992 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF130740.D

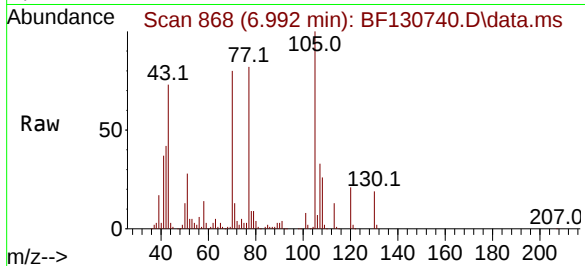
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS



Tgt Ion: 70 Resp: 146840

Ion Ratio Lower Upper

70 100

42 52.5 44.1 66.1

101 10.3 8.3 12.5

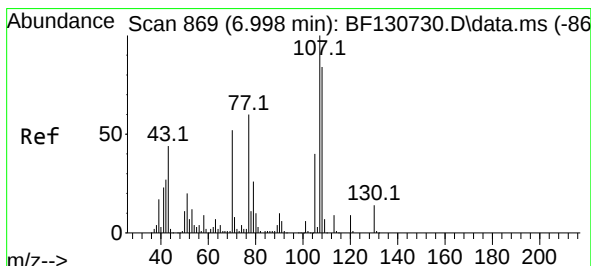
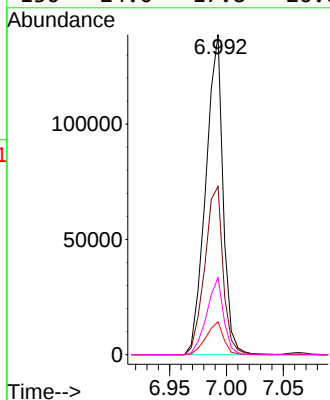
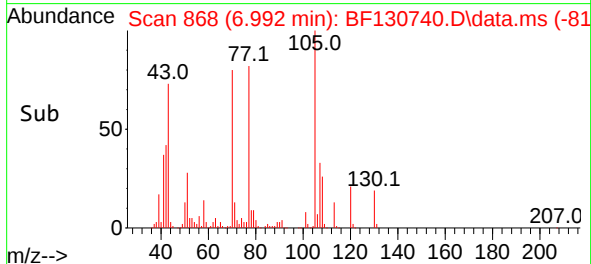
130 24.0 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#20

3+4-Methylphenols

Concen: 31.688 ng

RT: 6.998 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Tgt Ion:107 Resp: 229630

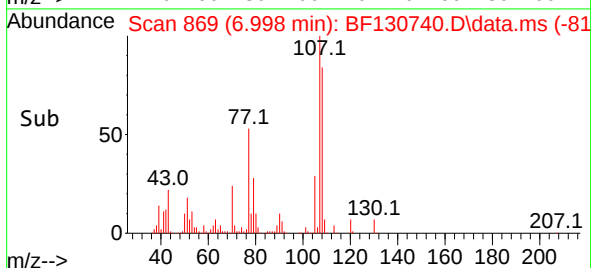
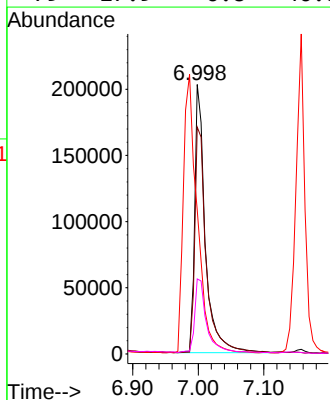
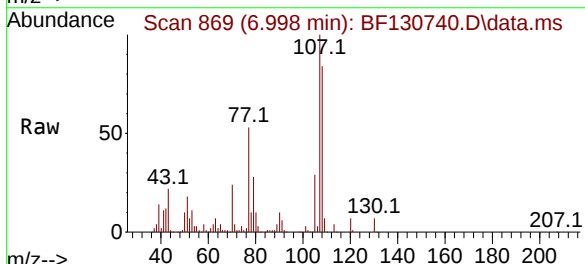
Ion Ratio Lower Upper

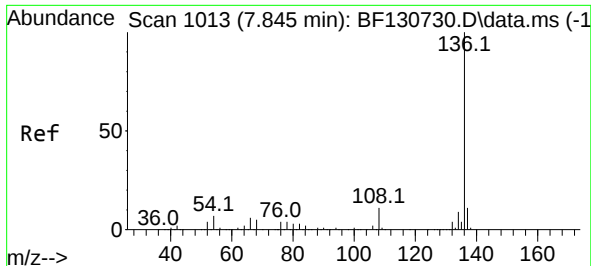
107 100

108 84.2 64.3 104.3

77 53.4 47.7 87.7

79 27.9 6.8 46.8





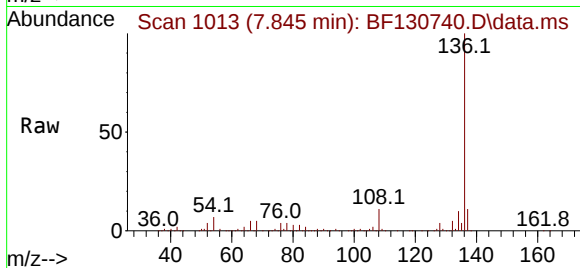
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

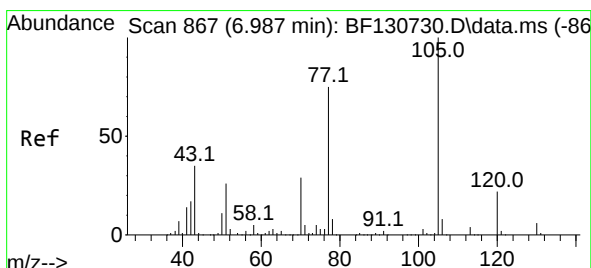
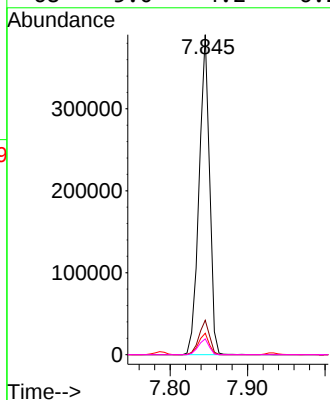
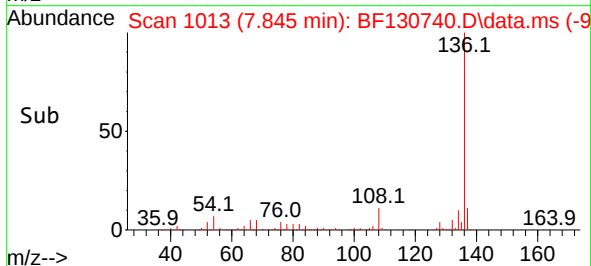


Tgt Ion:136 Resp: 36554
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.7 5.8 8.8
68 5.0 4.2 6.2

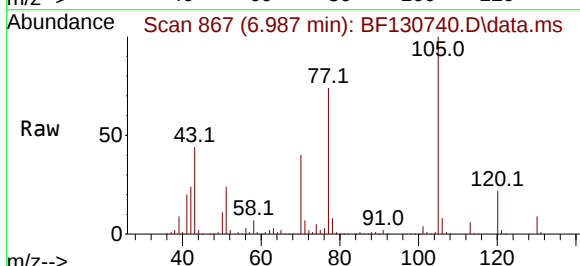
Manual Integrations

APPROVED

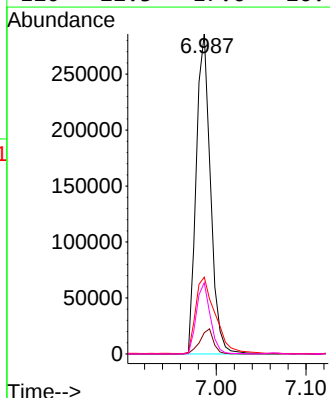
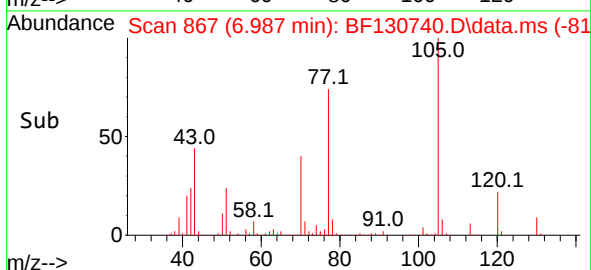
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

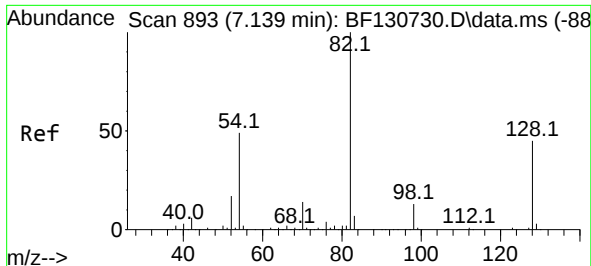


#22
Acetophenone
Concen: 35.397 ng
RT: 6.987 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:105 Resp: 315640
Ion Ratio Lower Upper
105 100
71 6.6 3.9 5.9#
51 24.0 21.0 31.4
120 22.3 17.6 26.4





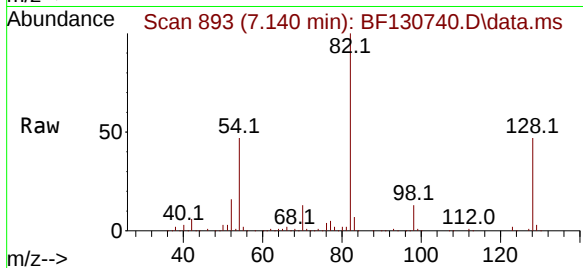
#23
Nitrobenzene-d5
Concen: 63.208 ng
RT: 7.140 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

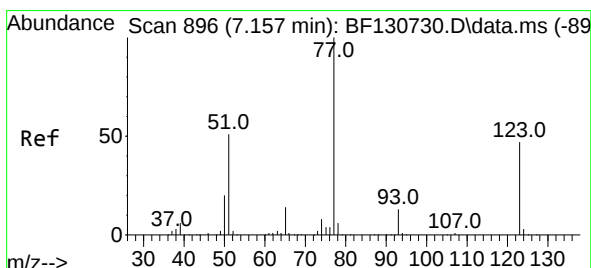
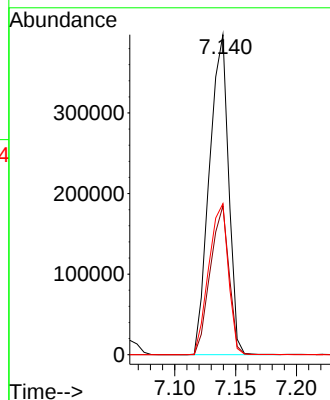
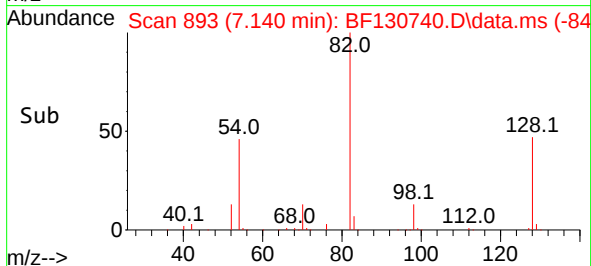


Tgt Ion: 82 Resp: 43555
Ion Ratio Lower Upper
82 100
128 46.5 35.9 53.9
54 47.2 39.2 58.8

Manual Integrations

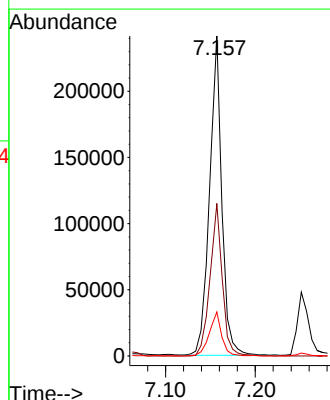
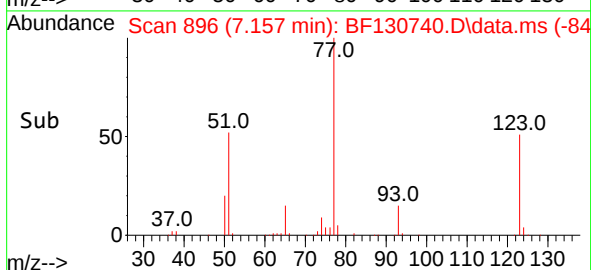
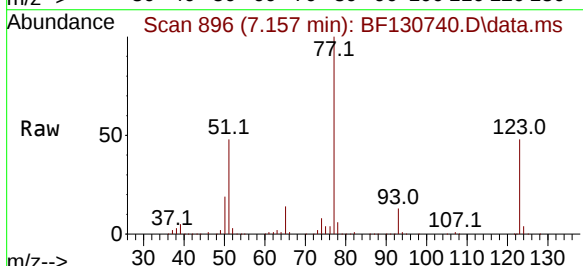
APPROVED

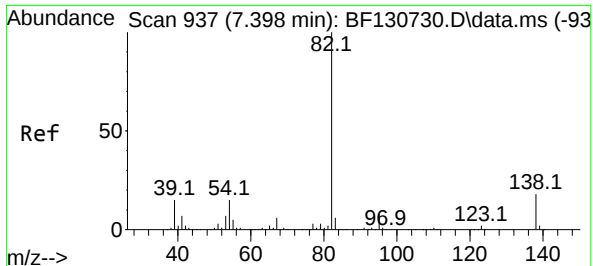
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#24
Nitrobenzene
Concen: 32.633 ng
RT: 7.157 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion: 77 Resp: 228746
Ion Ratio Lower Upper
77 100
123 47.7 37.3 55.9
65 13.7 11.1 16.7





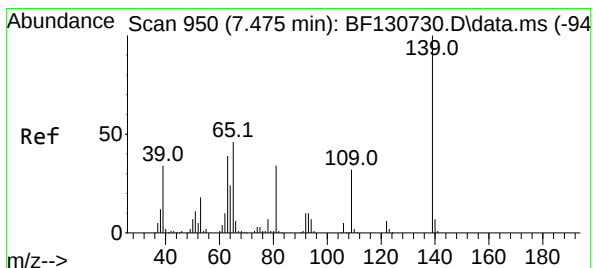
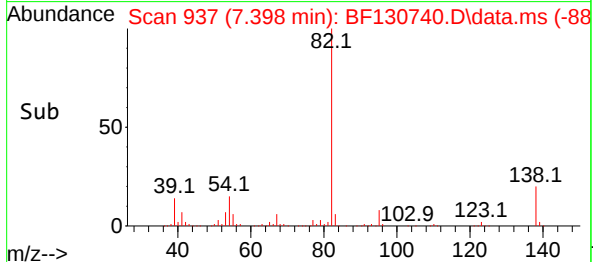
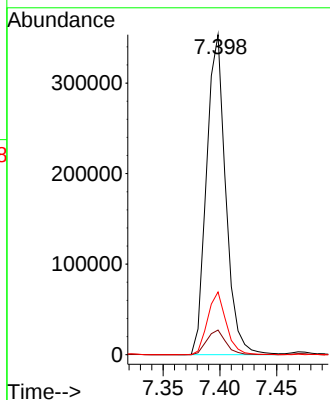
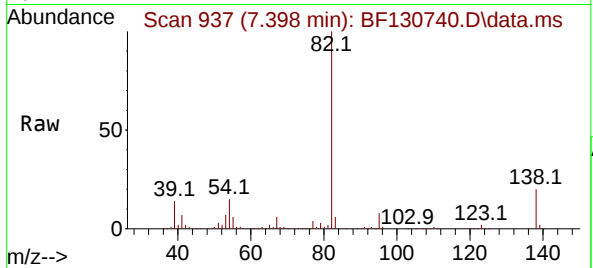
#25
Isophorone
Concen: 36.556 ng
RT: 7.398 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148413BS

Tgt Ion: 82 Resp: 41503
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 19.6 14.6 21.8

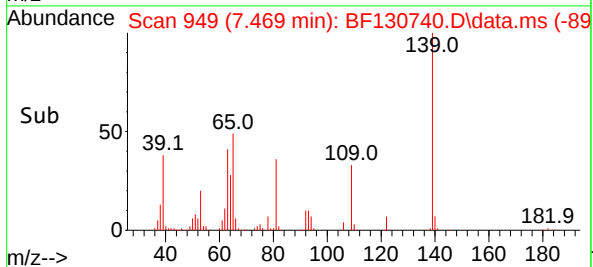
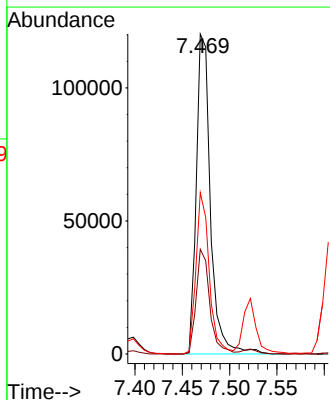
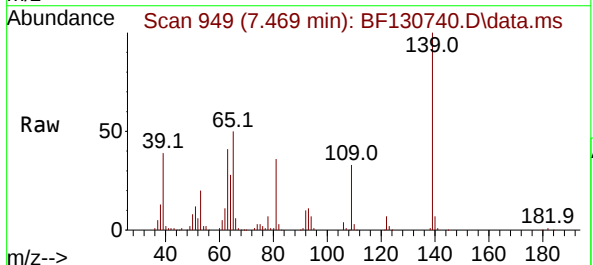
Manual Integrations
APPROVED

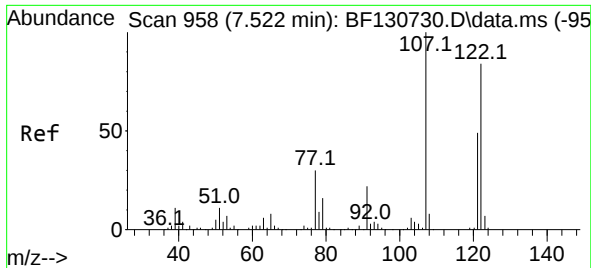
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#26
2-Nitrophenol
Concen: 35.691 ng
RT: 7.469 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:139 Resp: 125436
Ion Ratio Lower Upper
139 100
109 32.8 25.4 38.2
65 50.4 36.6 54.8





#27
2,4-Dimethylphenol
Concen: 41.253 ng
RT: 7.522 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

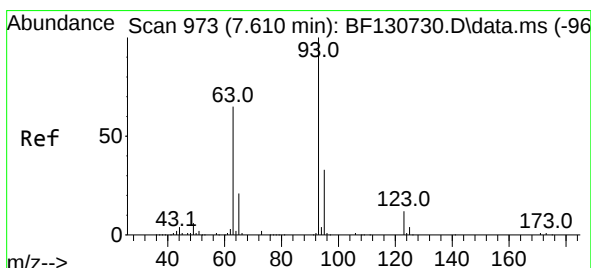
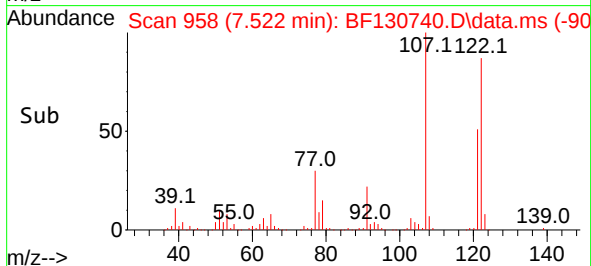
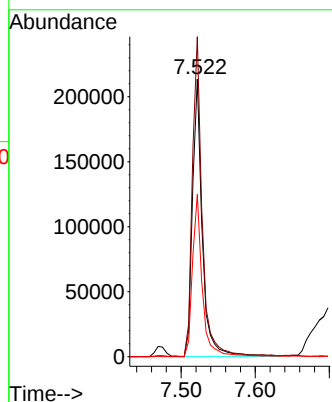
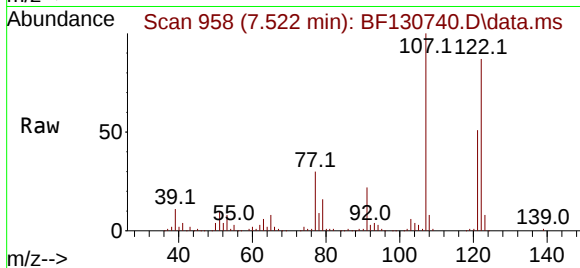
ClientSampleId :

PB148413BS

Tgt Ion:122 Resp: 19616
Ion Ratio Lower Upper
122 100
107 115.2 95.4 143.0
121 58.4 47.1 70.7

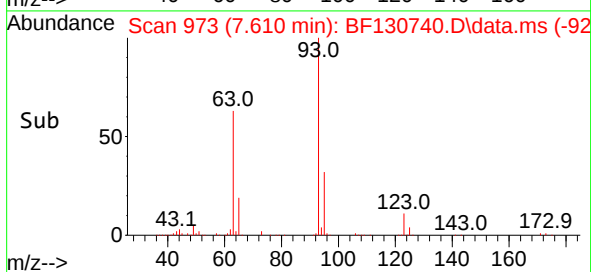
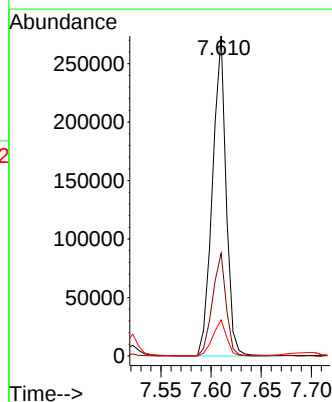
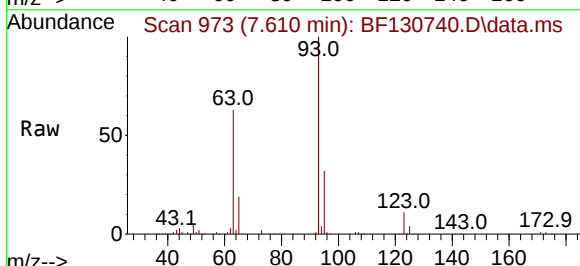
Manual Integrations
APPROVED

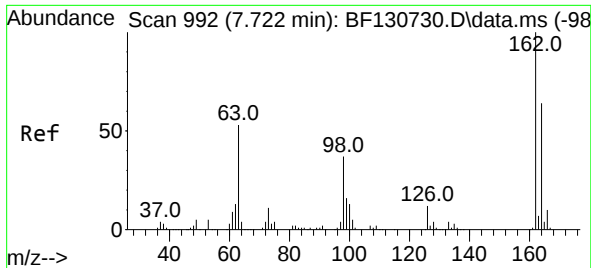
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#28
bis(2-Chloroethoxy)methane
Concen: 39.462 ng
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion: 93 Resp: 259527
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 39.090 ng

RT: 7.722 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion:162 Resp: 20496

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

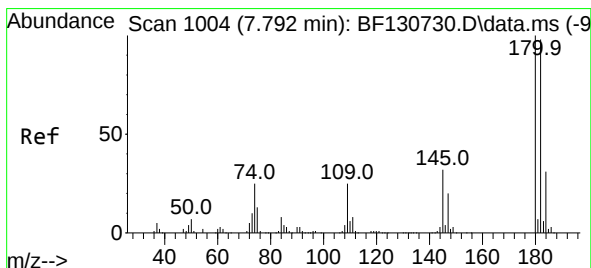
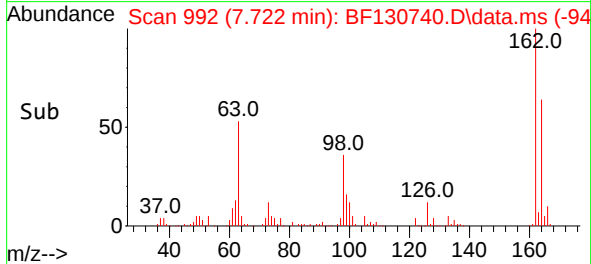
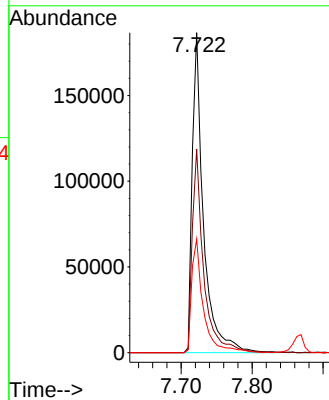
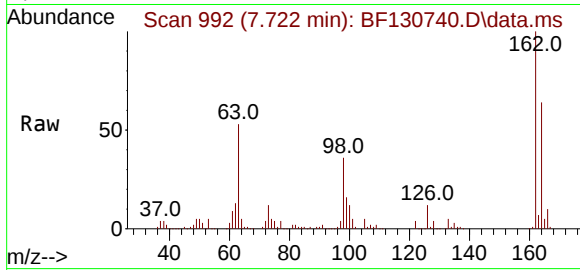
98 35.5 16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.549 ng

RT: 7.787 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

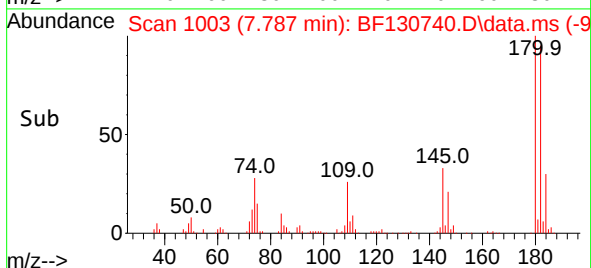
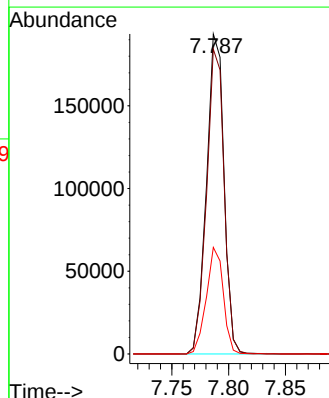
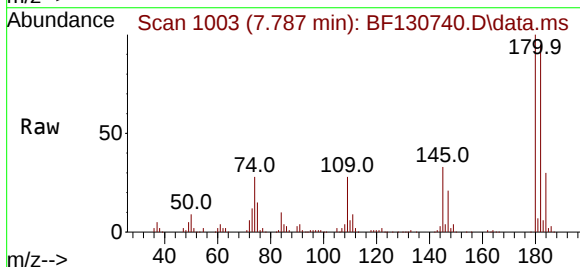
Tgt Ion:180 Resp: 206758

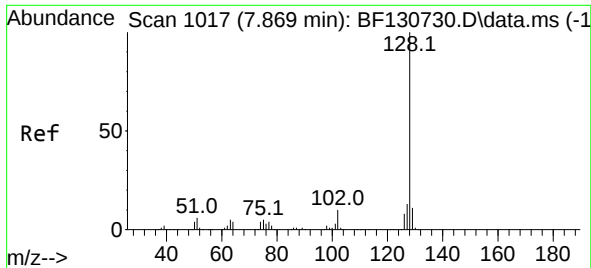
Ion Ratio Lower Upper

180 100

182 95.2 78.2 117.2

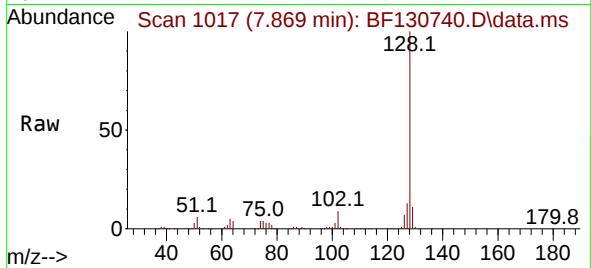
145 33.3 25.9 38.9





#31
Naphthalene
Concen: 38.102 ng
RT: 7.869 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

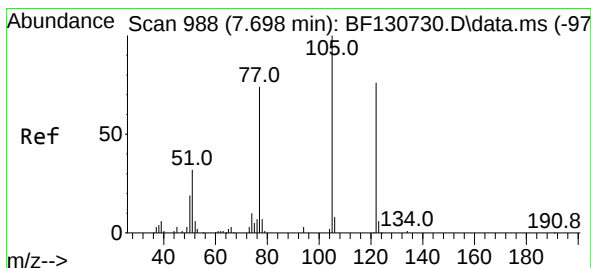
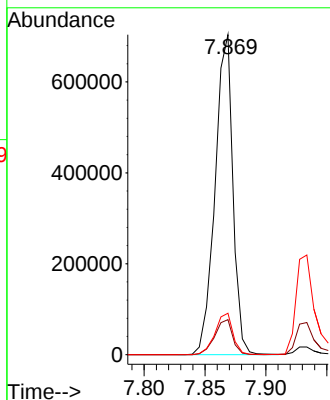
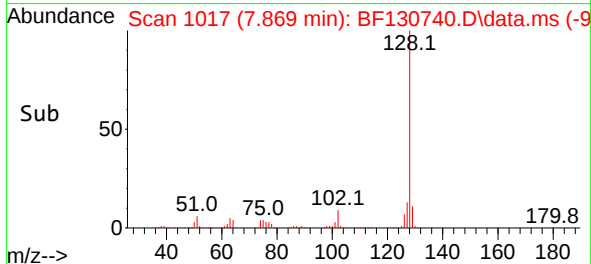
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion:128 Resp: 71814
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.6 16.0

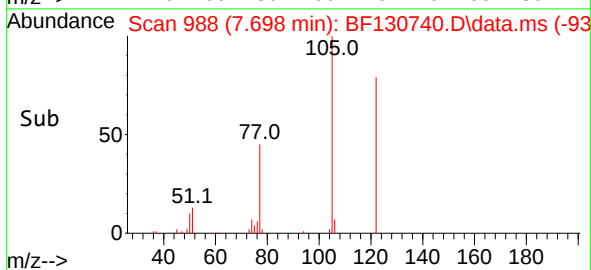
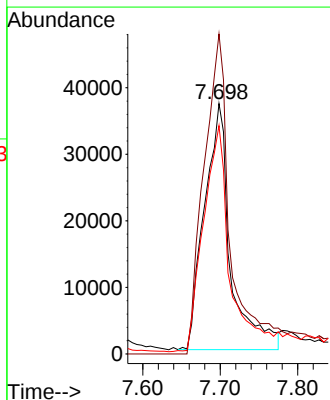
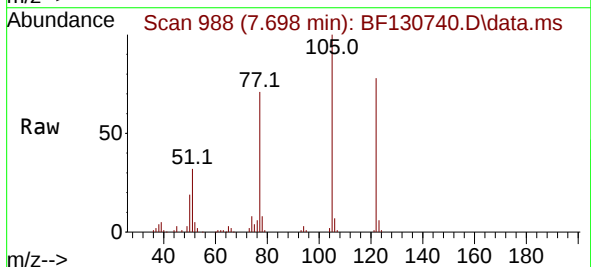
Manual Integrations
APPROVED

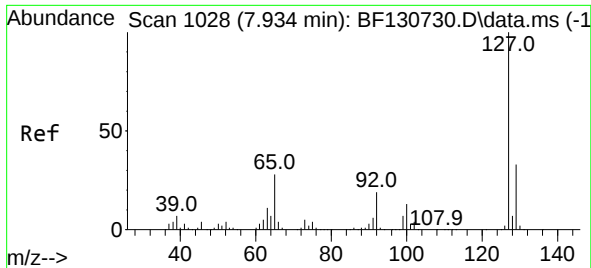
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#32
Benzoic acid
Concen: 33.665 ng
RT: 7.698 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:122 Resp: 87019
Ion Ratio Lower Upper
122 100
105 127.8 109.2 149.2
77 91.2 75.7 115.7





#33
4-Chloroaniline
Concen: 35.252 ng
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

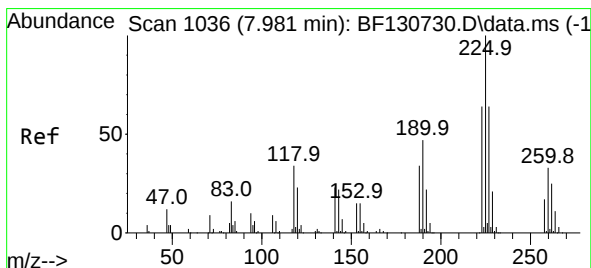
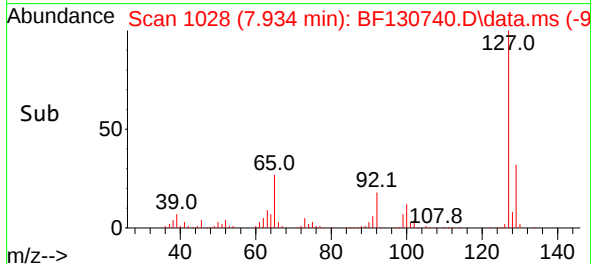
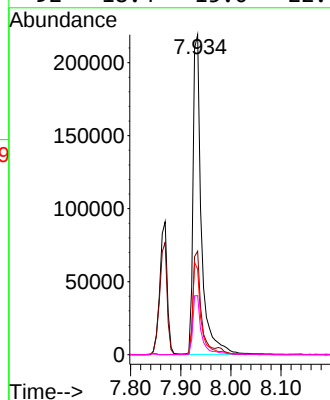
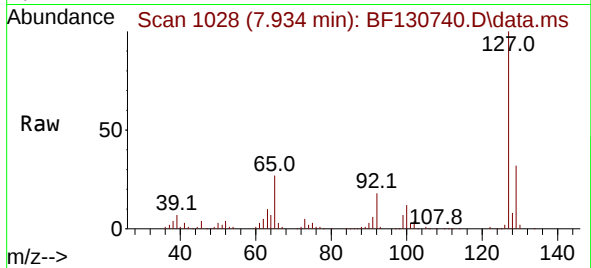
PB148413BS

Tgt Ion:127 Resp: 255610
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 26.8 22.6 33.8
92 18.4 15.0 22.4

Manual Integrations

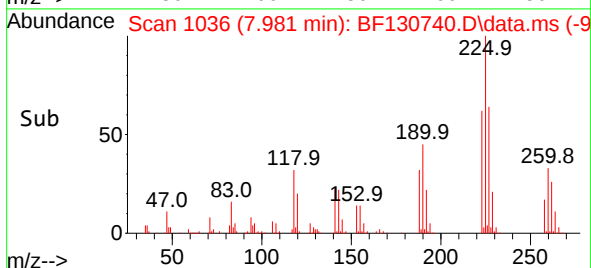
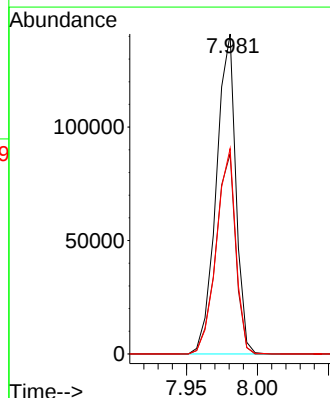
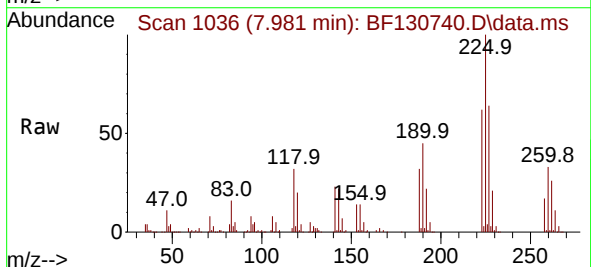
APPROVED

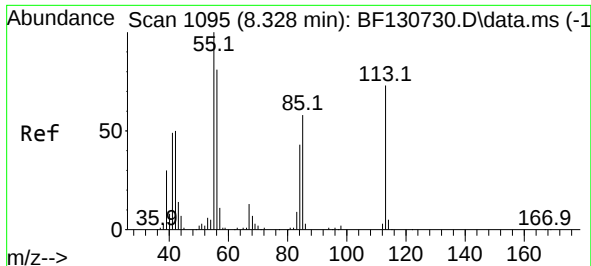
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#34
Hexachlorobutadiene
Concen: 38.498 ng
RT: 7.981 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

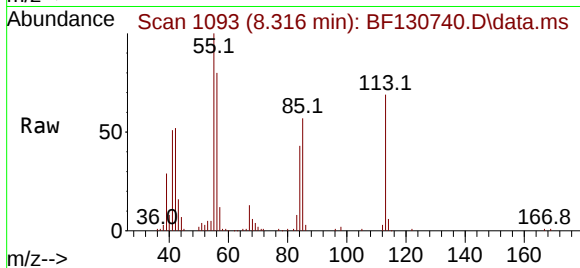
Tgt Ion:225 Resp: 134773
Ion Ratio Lower Upper
225 100
223 62.5 51.0 76.6
227 64.2 51.3 76.9





#35
Caprolactam
Concen: 45.800 ng m
RT: 8.316 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

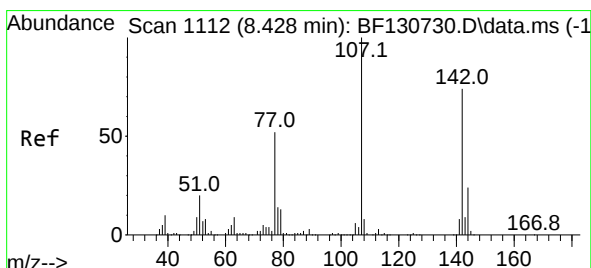
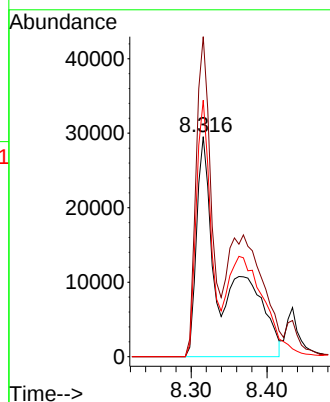
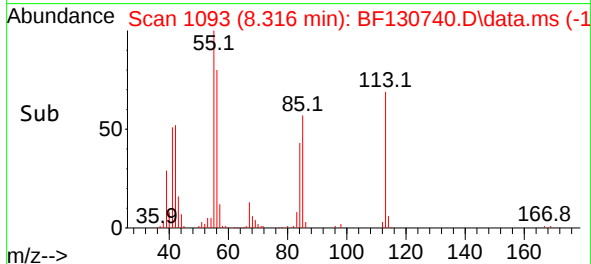
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion:113 Resp: 75054
Ion Ratio Lower Upper
113 100
55 145.4 116.4 156.4
56 116.5 91.0 131.0

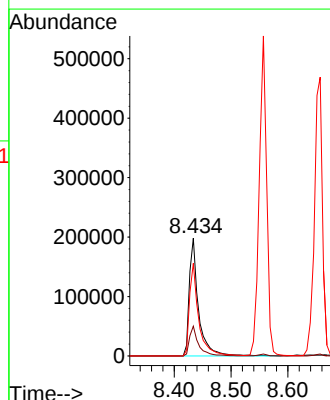
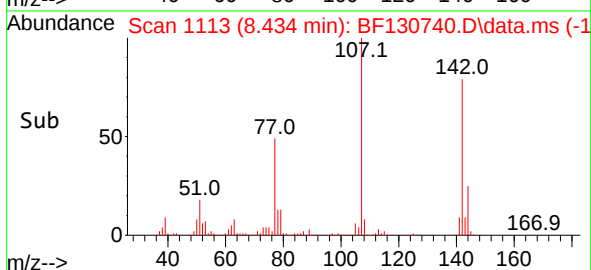
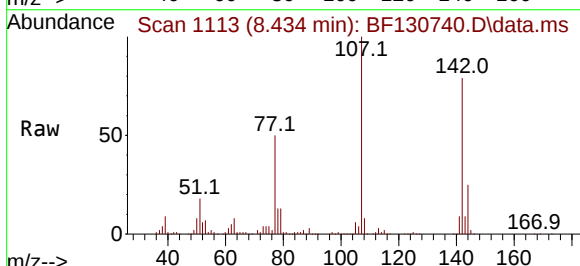
Manual Integrations
APPROVED

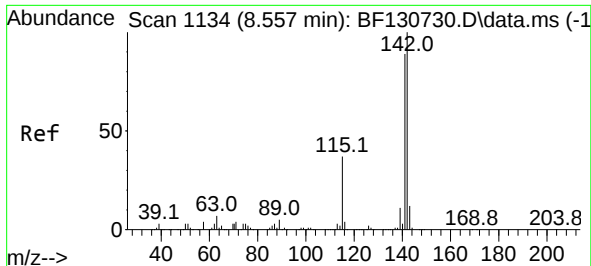
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#36
4-Chloro-3-methylphenol
Concen: 39.539 ng
RT: 8.434 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:107 Resp: 224065
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 78.8 59.6 89.4





#37

2-Methylnaphthalene

Concen: 39.980 ng

RT: 8.557 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion:142 Resp: 49371

Ion Ratio Lower Upper

142 100

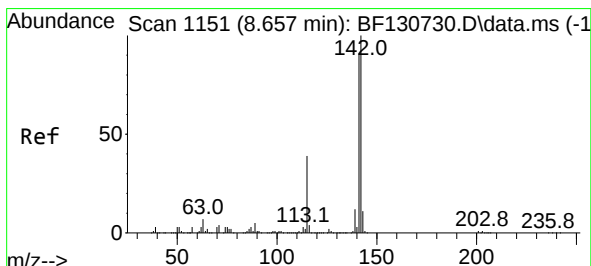
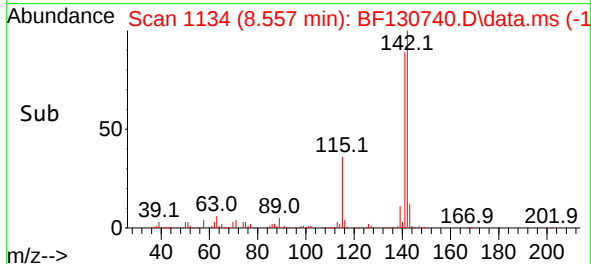
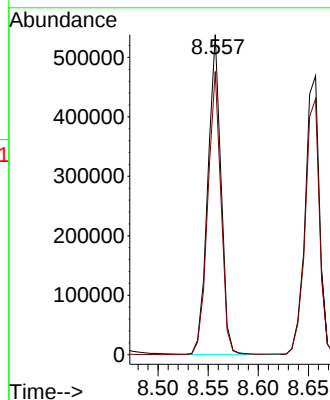
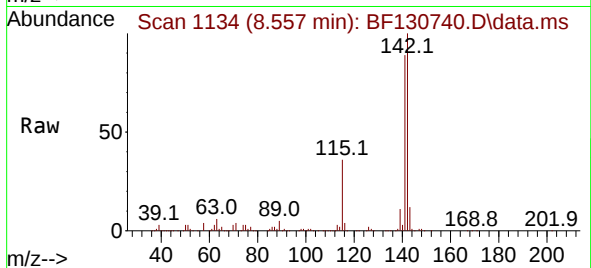
141 88.5 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#38

1-Methylnaphthalene

Concen: 37.765 ng

RT: 8.657 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130740.D

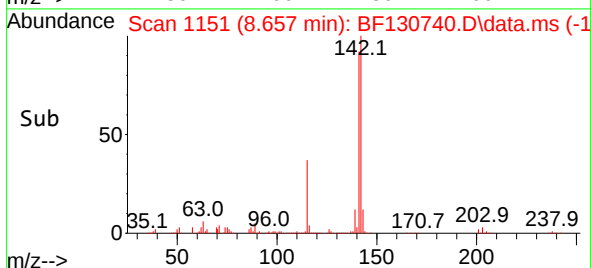
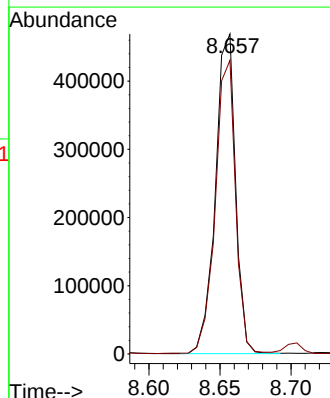
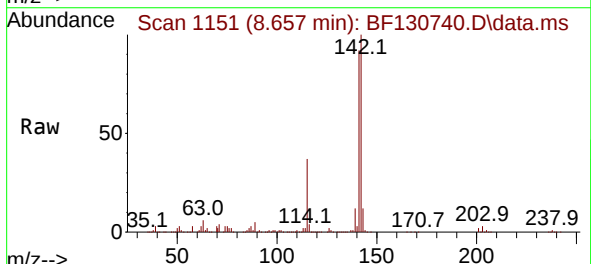
Acq: 21 Oct 2022 12:23

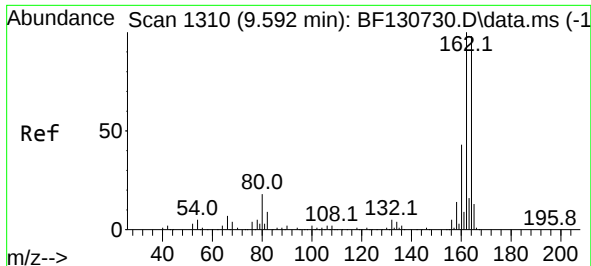
Tgt Ion:142 Resp: 462377

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4





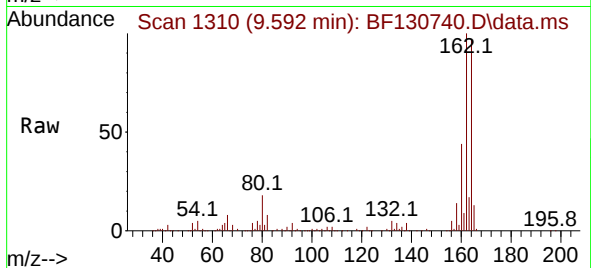
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

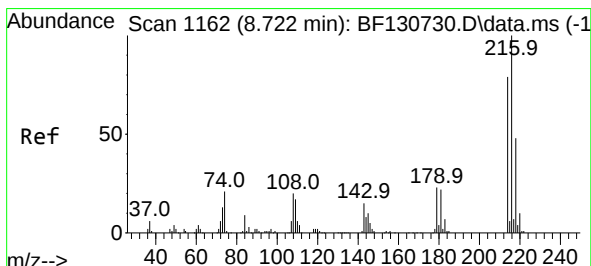
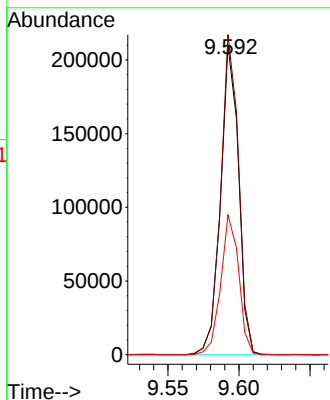
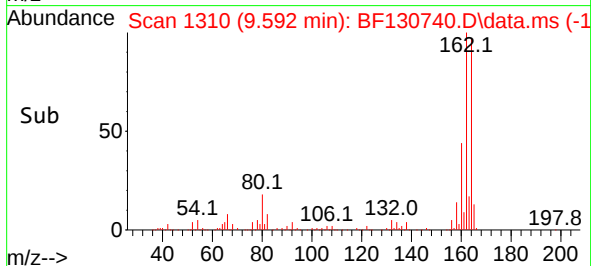
PB148413BS



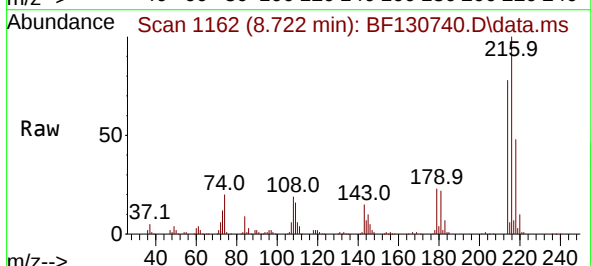
Tgt Ion:164 Resp: 183900
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 45.2 35.0 52.4

Manual Integrations
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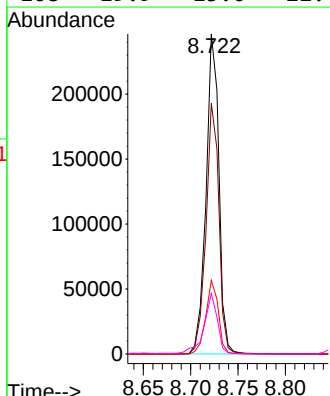
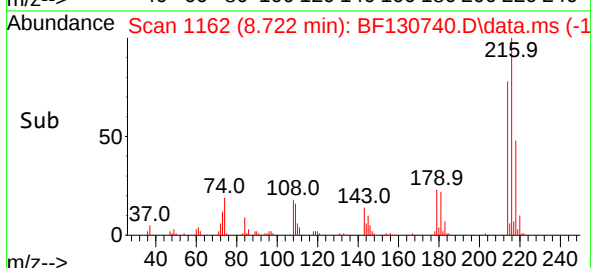
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

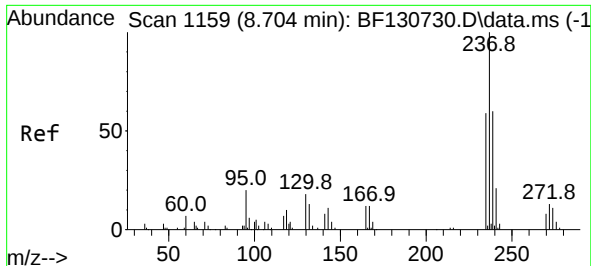


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.456 ng
RT: 8.722 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



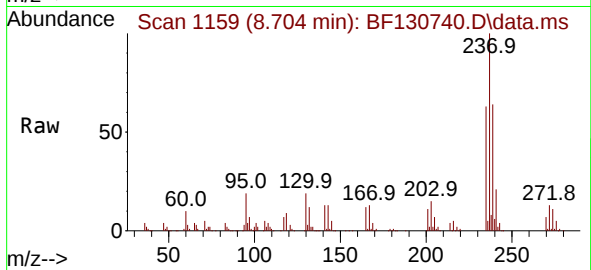
Tgt Ion:216 Resp: 231577
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 22.4 18.1 27.1
108 19.9 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 98.370 ng
RT: 8.704 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

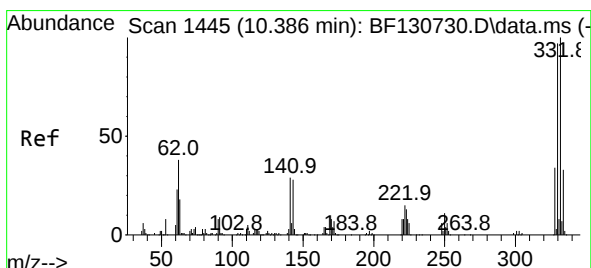
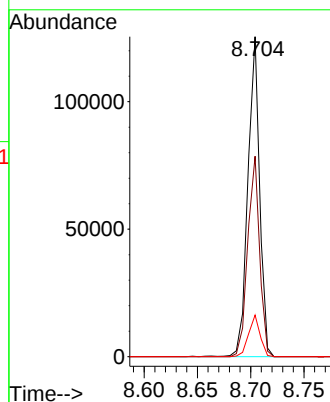
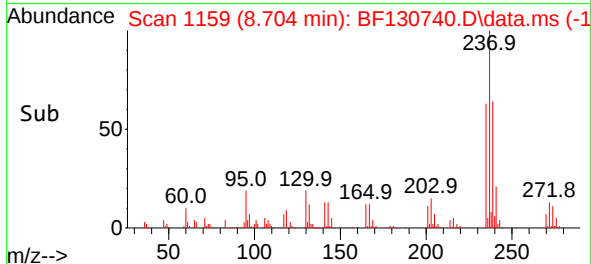
Instrument :
BNA_F
ClientSampleId :
PB148413BS



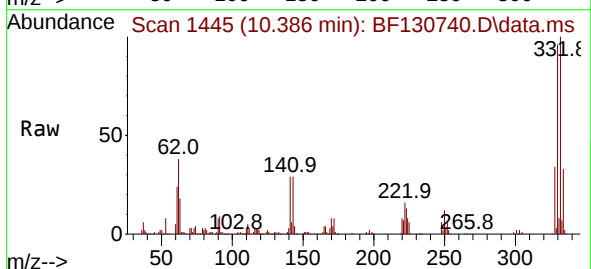
Tgt Ion:237 Resp: 9652
Ion Ratio Lower Upper
237 100
235 62.6 38.9 78.9
272 13.0 0.0 33.1

Manual Integrations
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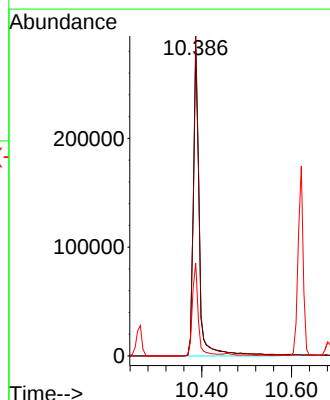
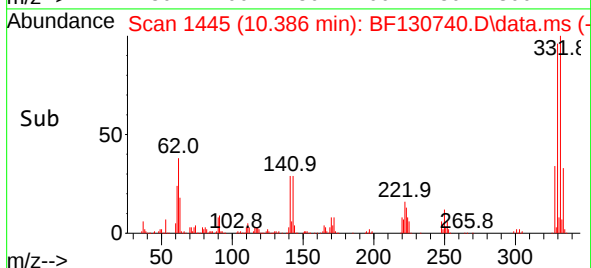
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

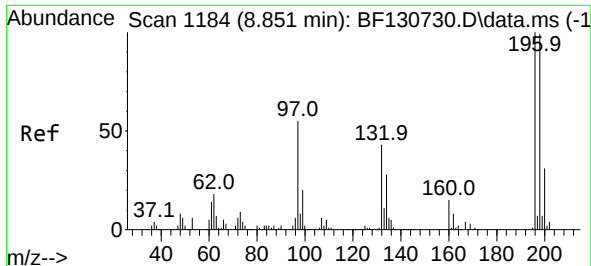


#42
2,4,6-Tribromophenol
Concen: 149.585 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:330 Resp: 261606
Ion Ratio Lower Upper
330 100
332 99.4 81.4 122.2
141 29.6 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 46.033 ng
RT: 8.851 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

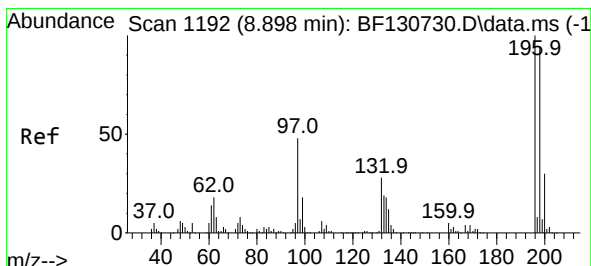
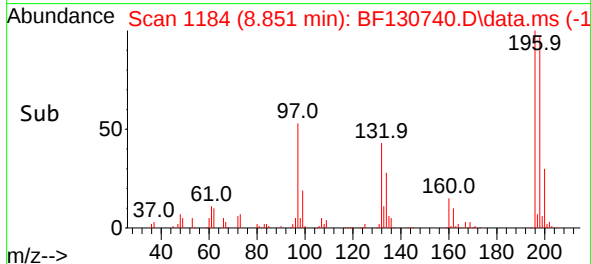
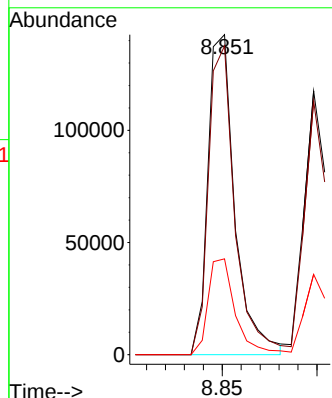
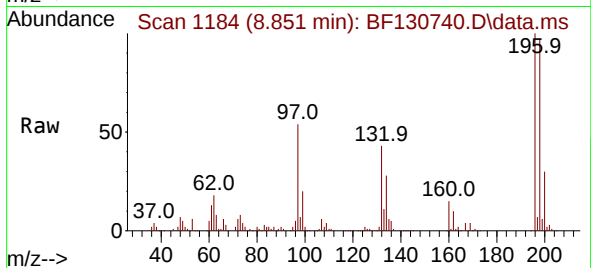
PB148413BS

Tgt Ion:196 Resp: 141378
Ion Ratio Lower Upper
196 100
198 96.5 78.9 118.3
200 29.9 25.0 37.4

Manual Integrations

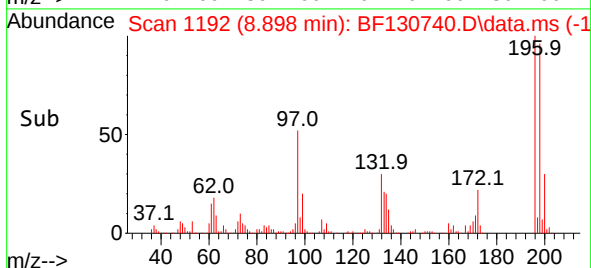
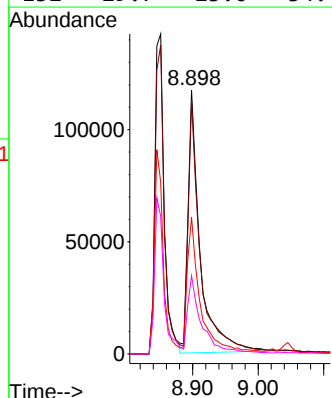
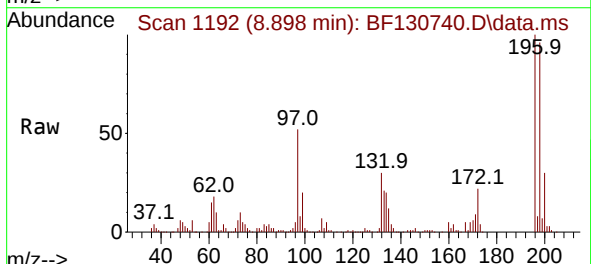
APPROVED

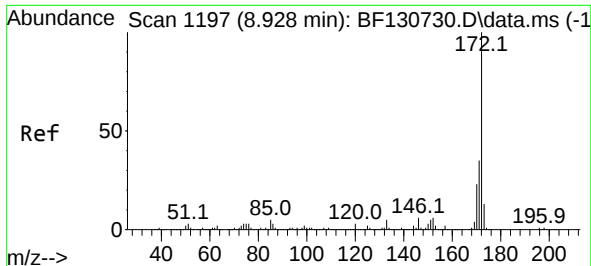
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#44
2,4,5-Trichlorophenol
Concen: 45.144 ng
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:196 Resp: 150788
Ion Ratio Lower Upper
196 100
198 96.2 75.1 112.7
97 52.0 38.7 58.1
132 29.7 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 80.293 ng

RT: 8.922 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF130740.D

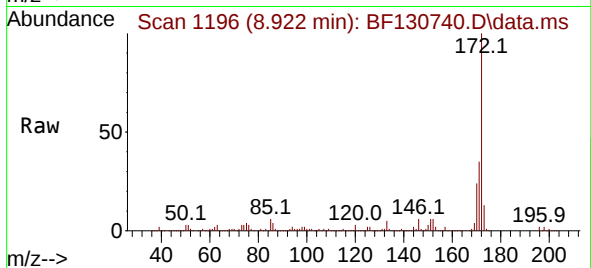
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS



Tgt Ion:172 Resp: 968930

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

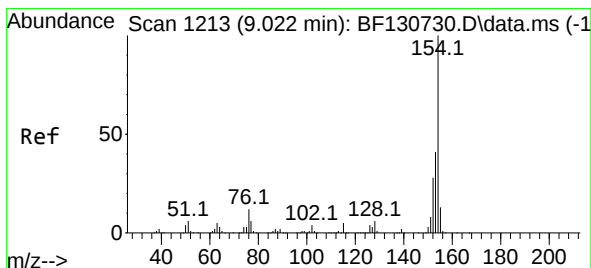
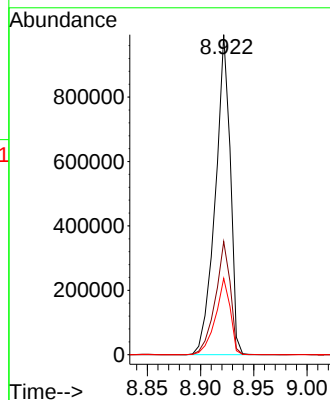
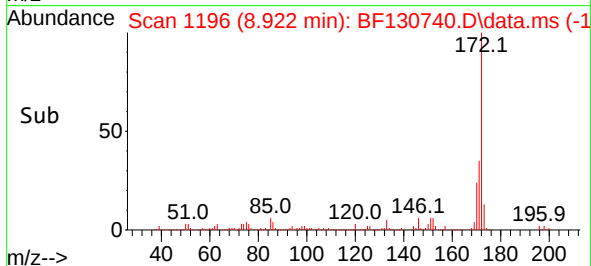
170 23.8 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#46

1,1'-Biphenyl

Concen: 48.625 ng

RT: 9.022 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

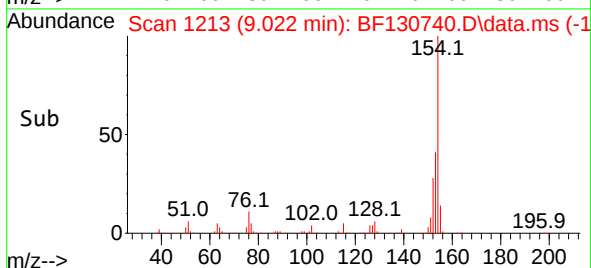
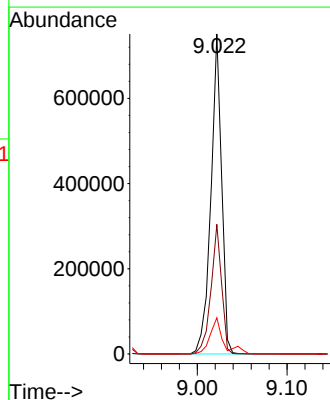
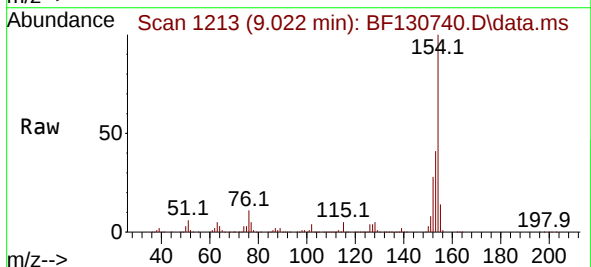
Tgt Ion:154 Resp: 623709

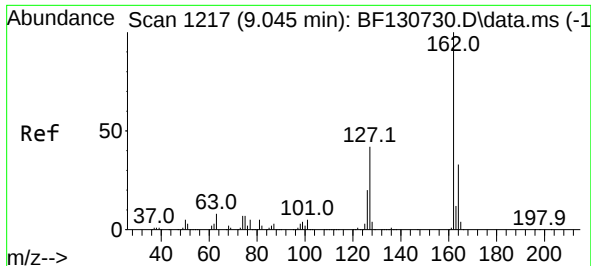
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 11.3 0.0 31.7





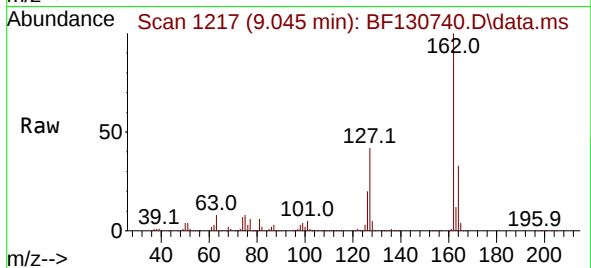
#47
2-Chloronaphthalene
Concen: 47.569 ng
RT: 9.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

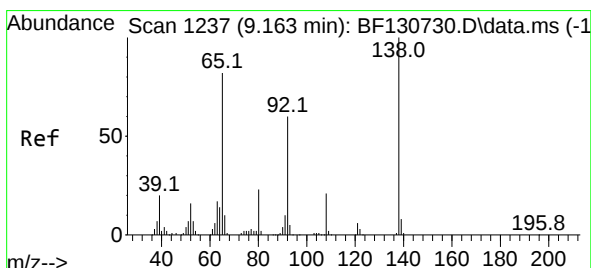
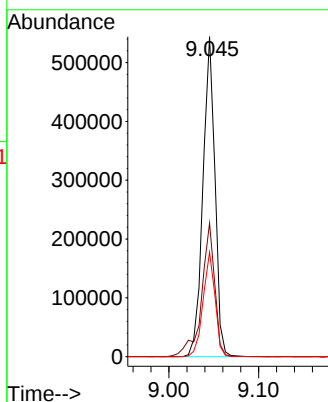
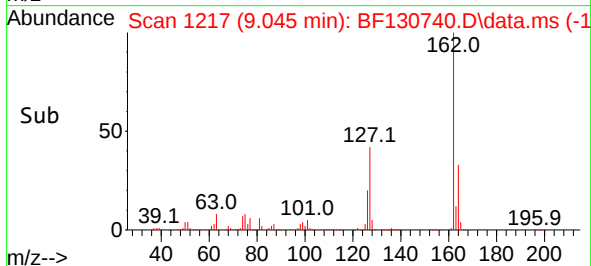


Tgt Ion:162 Resp: 50741
Ion Ratio Lower Upper
162 100
127 41.7 34.0 51.0
164 32.7 26.5 39.7

Manual Integrations

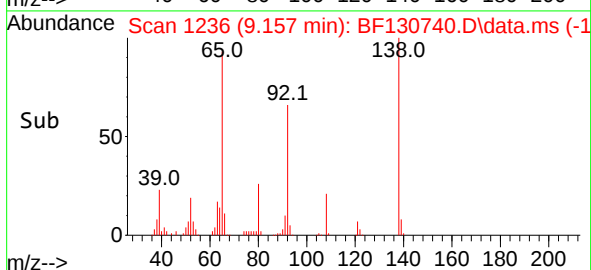
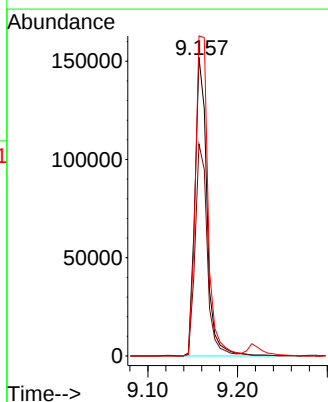
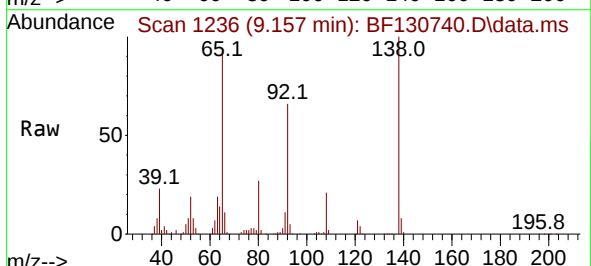
APPROVED

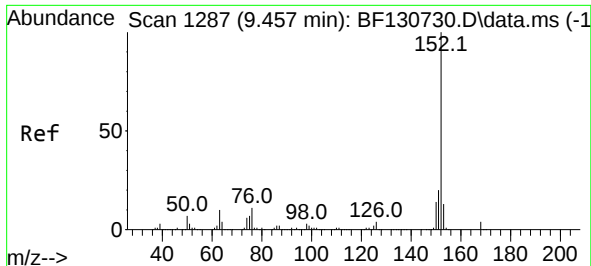
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#48
2-Nitroaniline
Concen: 43.315 ng
RT: 9.157 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

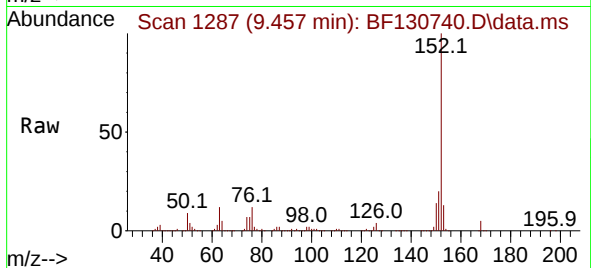
Tgt Ion: 65 Resp: 141815
Ion Ratio Lower Upper
65 100
92 71.0 58.6 88.0
138 107.2 97.0 145.6





#49
Acenaphthylene
Concen: 40.950 ng
RT: 9.457 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

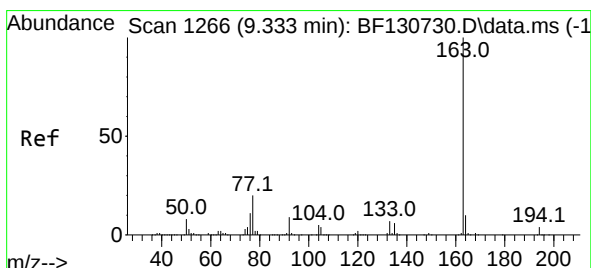
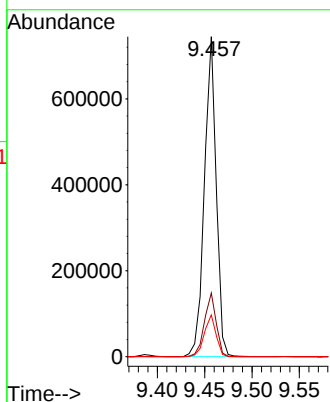
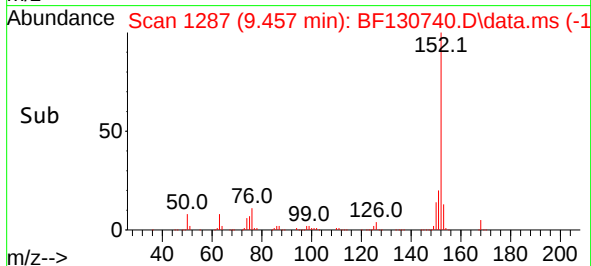
Instrument :
BNA_F
ClientSampleId :
PB148413BS



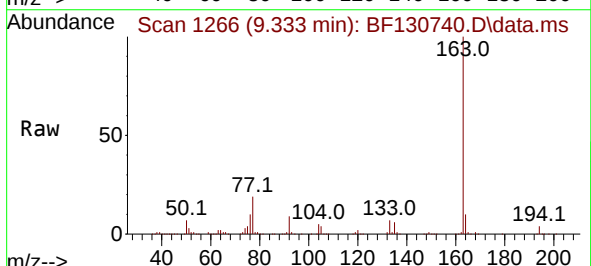
Tgt Ion:152 Resp: 643610
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.5 15.7

Manual Integrations
APPROVED

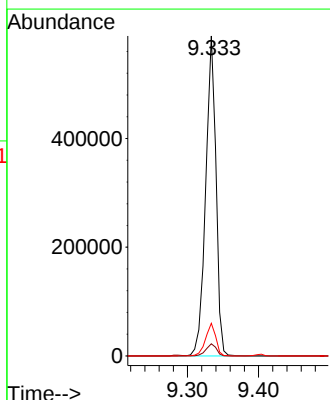
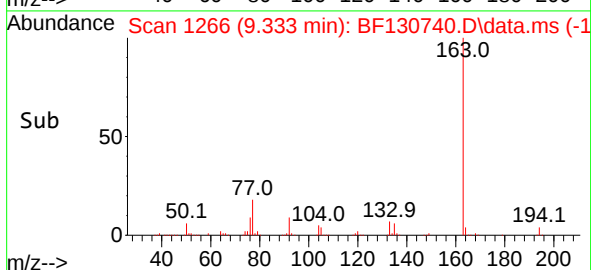
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

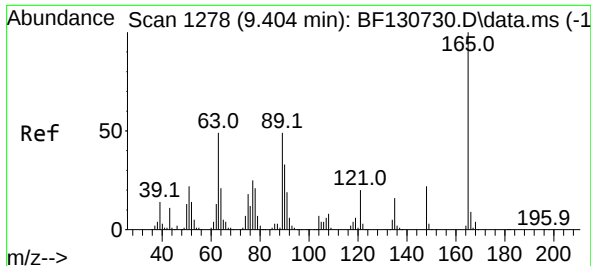


#50
Dimethylphthalate
Concen: 48.226 ng
RT: 9.333 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



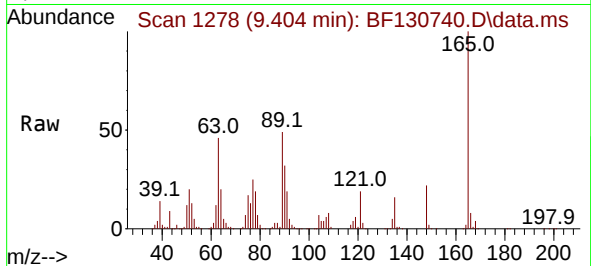
Tgt Ion:163 Resp: 596542
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.847 ng
RT: 9.404 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

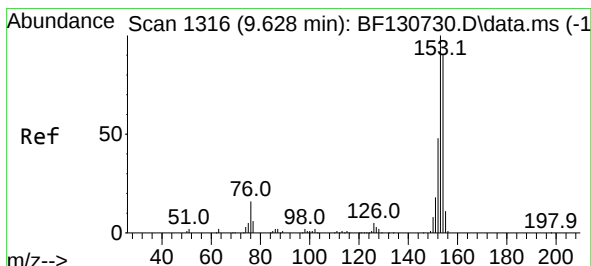
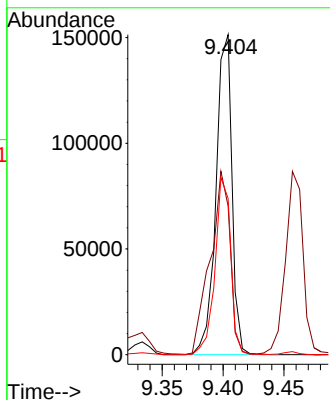
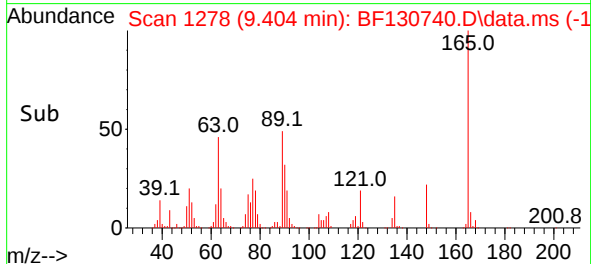
Instrument :
BNA_F
ClientSampleId :
PB148413BS



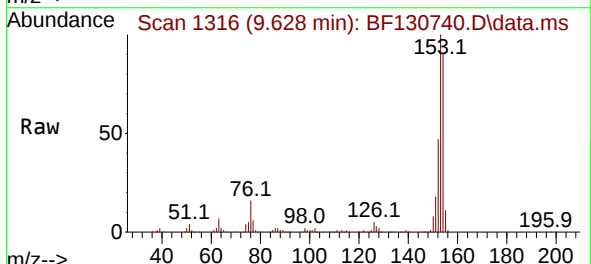
Tgt Ion:165 Resp: 138080
Ion Ratio Lower Upper
165 100
63 46.4 38.8 58.2
89 48.8 39.4 59.2

Manual Integrations
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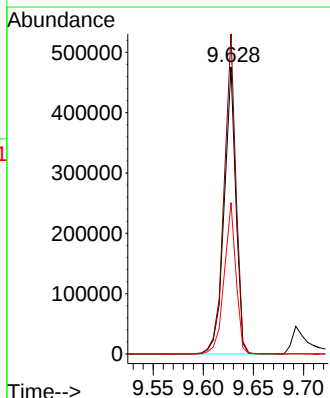
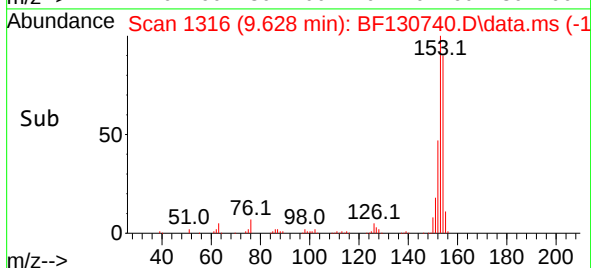
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

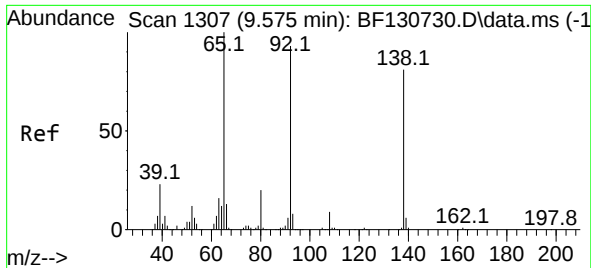


#52
Acenaphthene
Concen: 39.688 ng
RT: 9.628 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:154 Resp: 387716
Ion Ratio Lower Upper
154 100
153 111.5 88.4 132.6
152 52.7 42.0 63.0





#53
3-Nitroaniline
Concen: 30.591 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

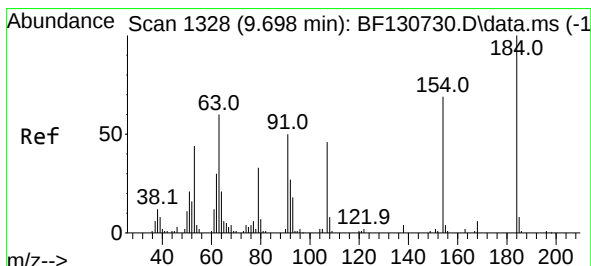
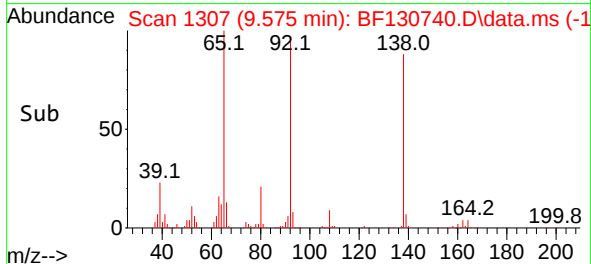
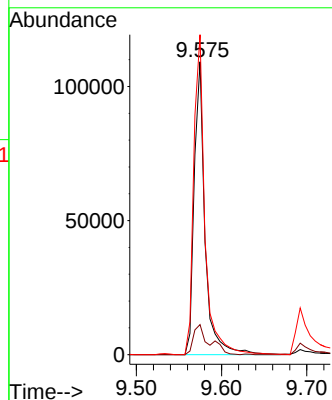
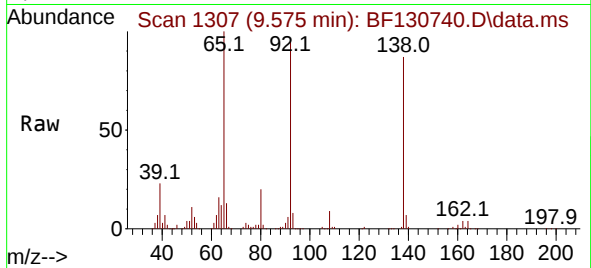
ClientSampleId :

PB148413BS

Tgt Ion:138 Resp: 96558
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.6
92 109.2 91.6 137.4

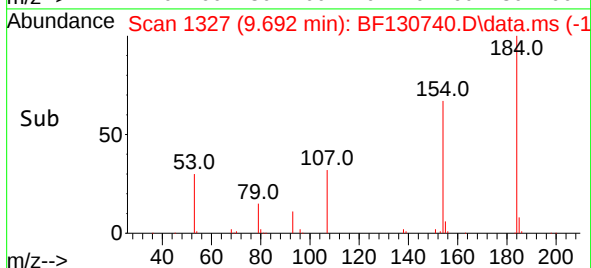
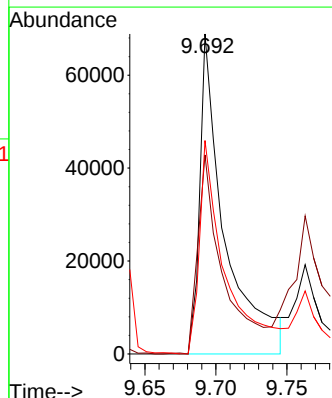
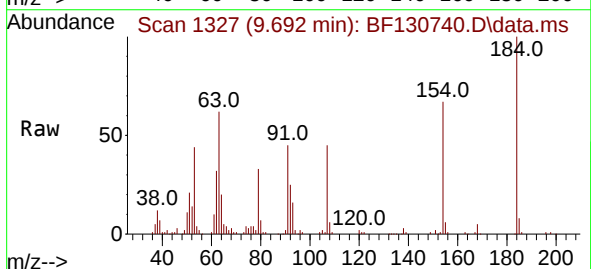
Manual Integrations
APPROVED

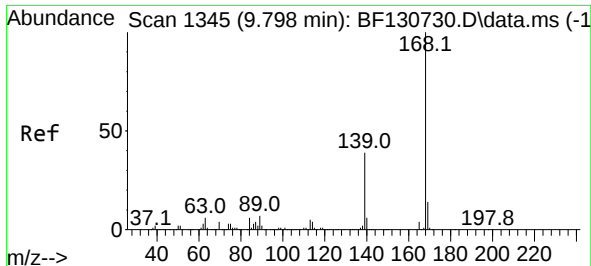
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#54
2,4-Dinitrophenol
Concen: 75.385 ng
RT: 9.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:184 Resp: 83950
Ion Ratio Lower Upper
184 100
63 62.2 47.7 71.5
154 66.7 55.0 82.4





#55
Dibenzenofuran
Concen: 40.911 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

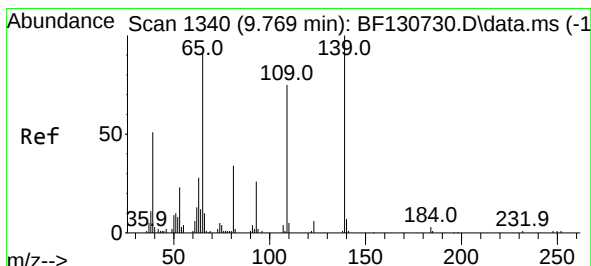
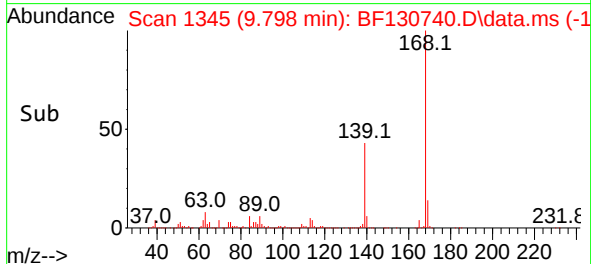
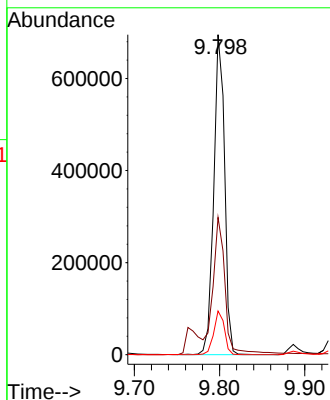
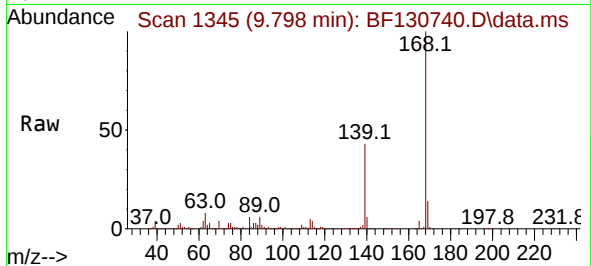
ClientSampleId :

PB148413BS

Tgt Ion:168 Resp: 61517
Ion Ratio Lower Upper
168 100
139 42.9 34.3 51.5
169 13.7 11.0 16.6

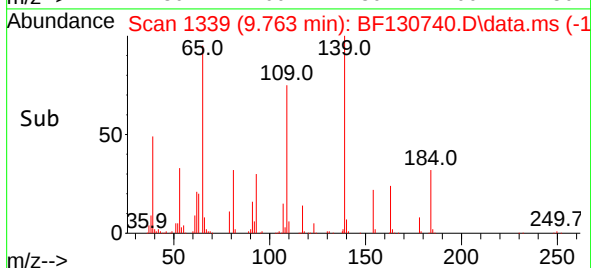
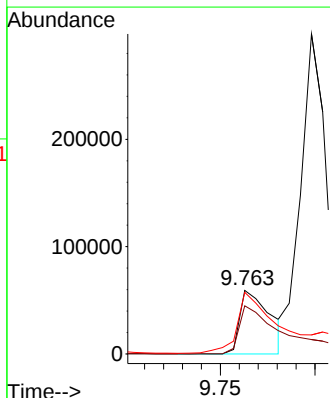
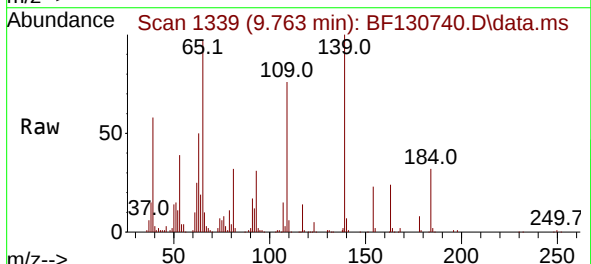
Manual Integrations
APPROVED

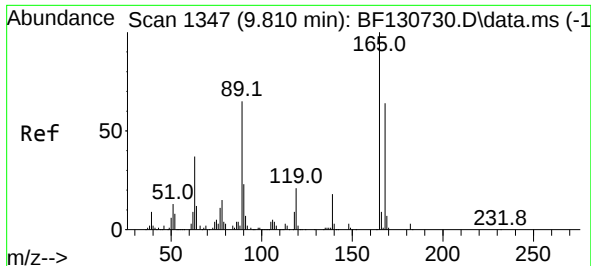
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#56
4-Nitrophenol
Concen: 69.984 ng
RT: 9.763 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Tgt Ion:139 Resp: 65678
Ion Ratio Lower Upper
139 100
109 75.9 55.1 95.1
65 96.9 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 41.825 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

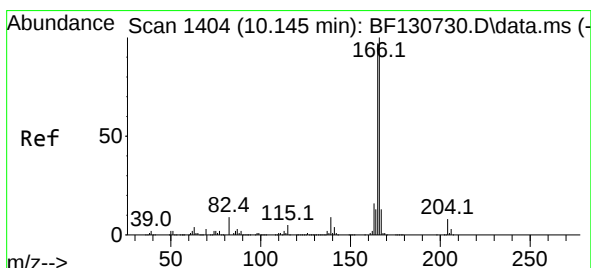
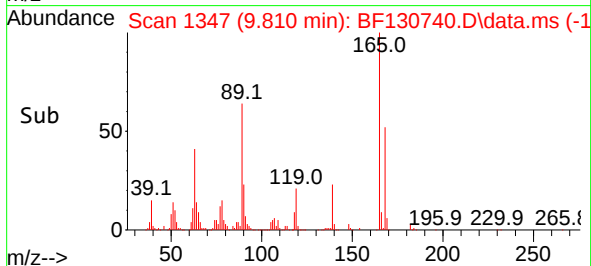
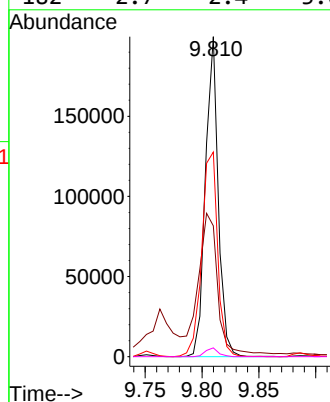
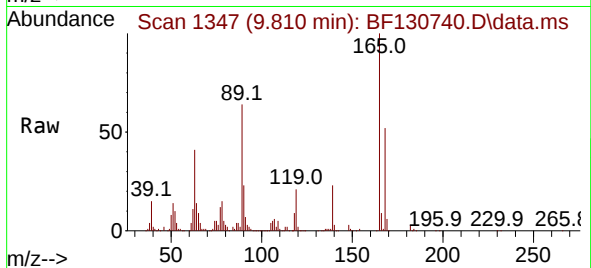
PB148413BS

Tgt Ion:165	Resp: 15606
Ion Ratio	Lower Upper
165 100	
63 40.9	32.6 49.0
89 63.9	51.9 77.9
182 2.7	2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#58

Fluorene

Concen: 41.995 ng

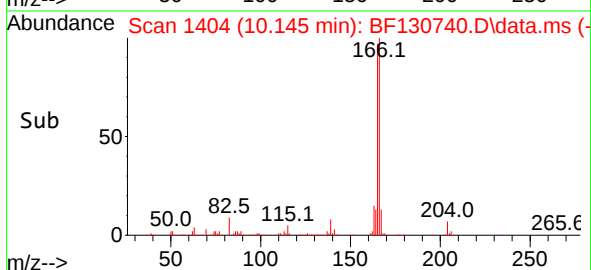
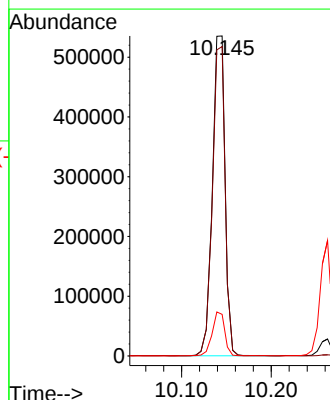
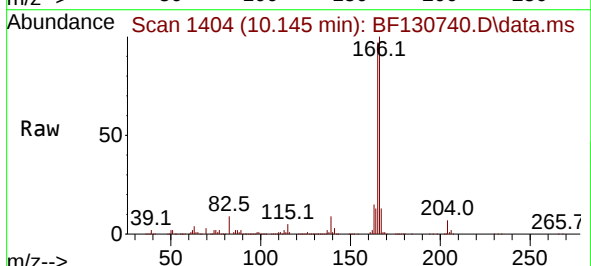
RT: 10.145 min Scan# 1404

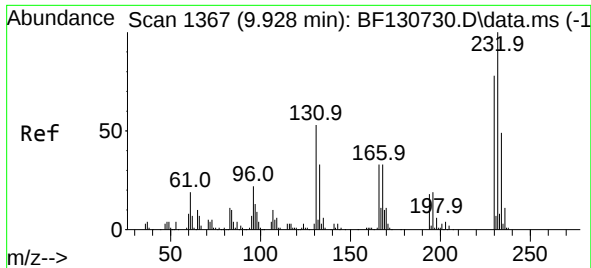
Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Tgt Ion:166	Resp: 525183
Ion Ratio	Lower Upper
166 100	
165 96.7	77.6 116.4
167 13.0	10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.669 ng
RT: 9.928 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

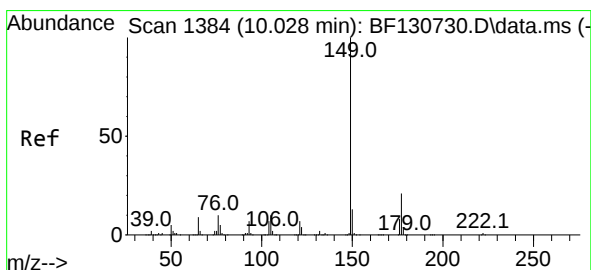
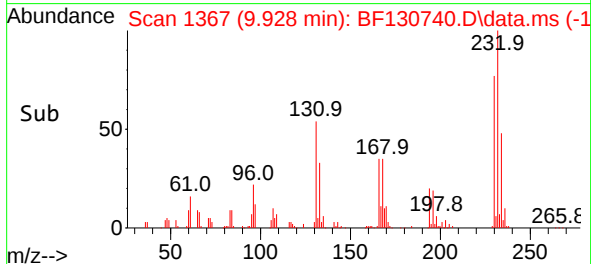
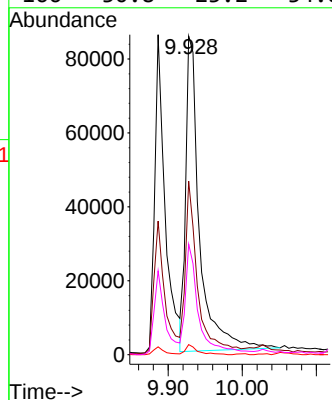
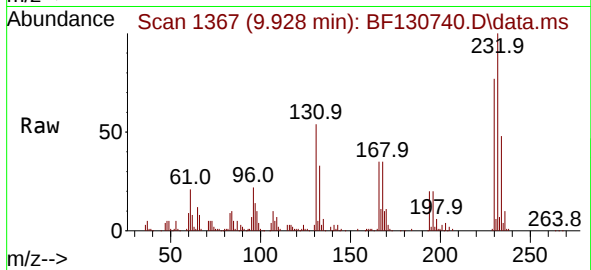
PB148413BS

Tgt Ion:232 Resp: 110649
Ion Ratio Lower Upper
232 100
131 47.9 37.7 56.5
130 2.7 1.9 2.9
166 30.8 23.2 34.8

Manual Integrations

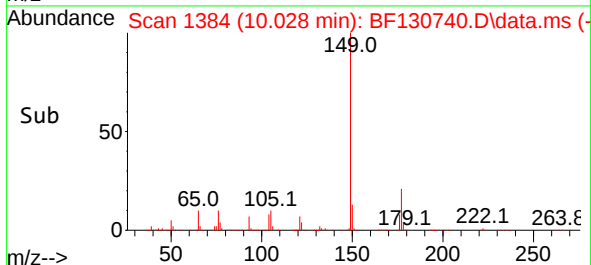
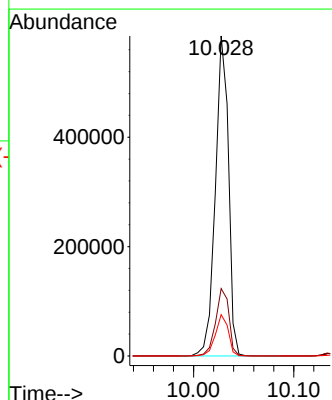
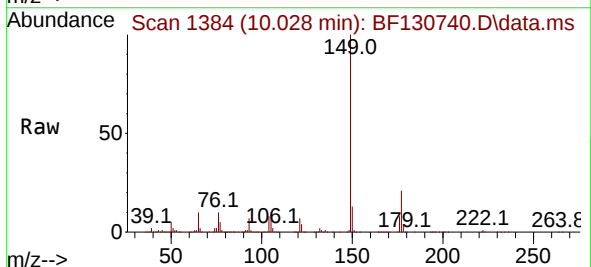
APPROVED

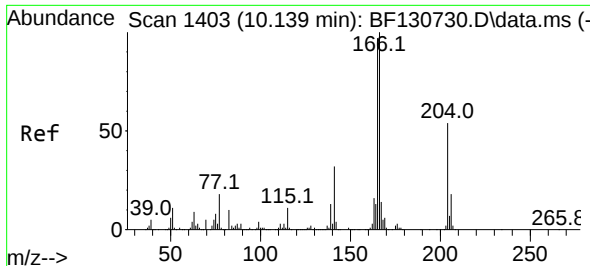
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#60
Diethylphthalate
Concen: 41.676 ng
RT: 10.028 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

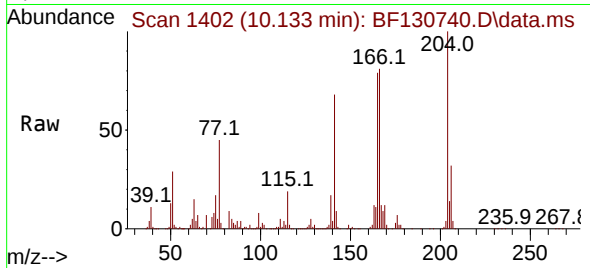
Tgt Ion:149 Resp: 531889
Ion Ratio Lower Upper
149 100
177 21.1 17.2 25.8
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.708 ng
RT: 10.133 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

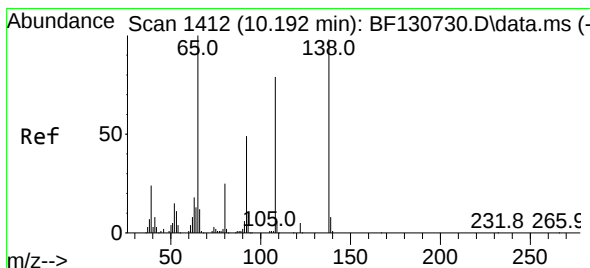
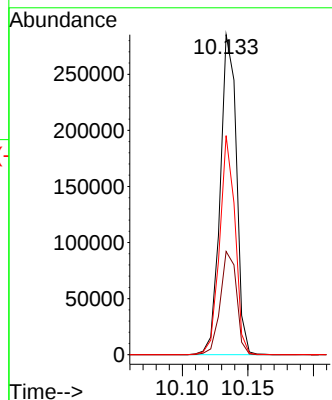
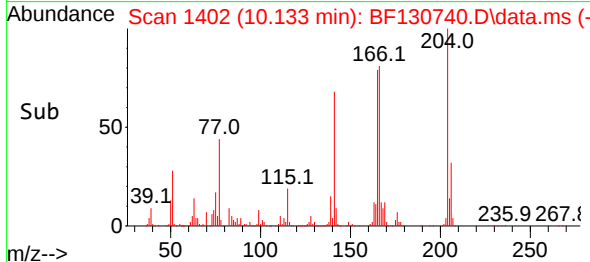
Instrument :
BNA_F
ClientSampleId :
PB148413BS



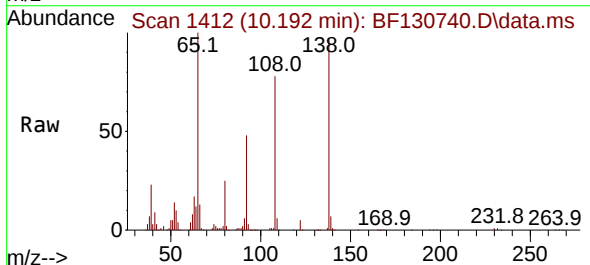
Tgt Ion:204 Resp: 244992
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 68.5 47.7 71.5

Manual Integrations
APPROVED

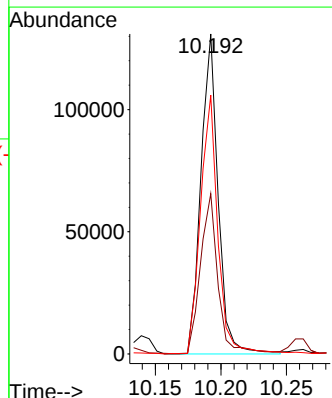
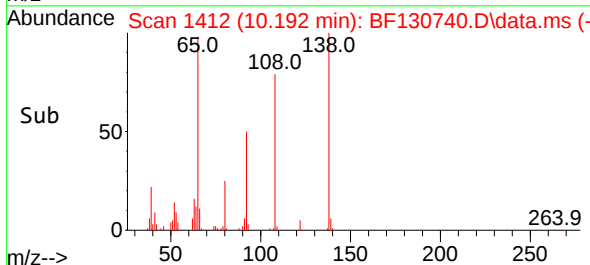
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

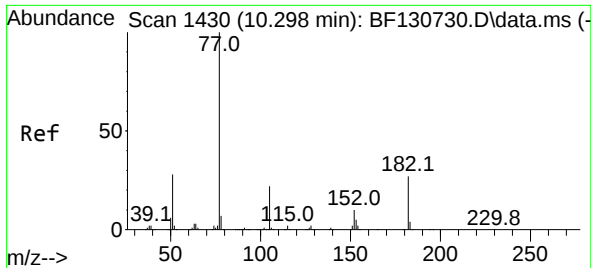


#62
4-Nitroaniline
Concen: 40.029 ng
RT: 10.192 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



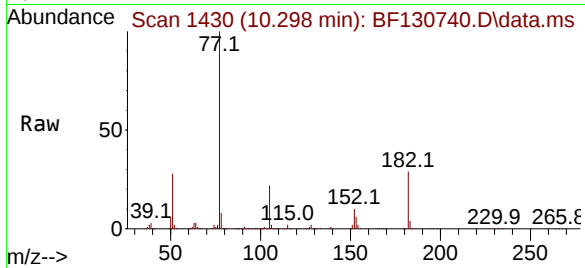
Tgt Ion:138 Resp: 119849
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 80.9 61.1 101.1





#63
Azobenzene
Concen: 42.745 ng
RT: 10.298 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

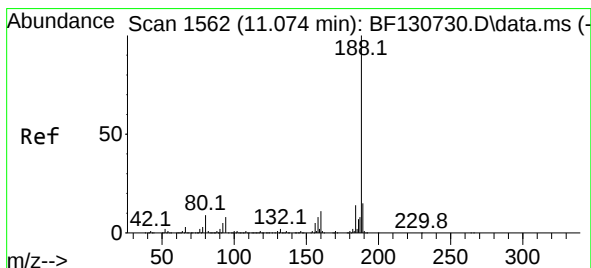
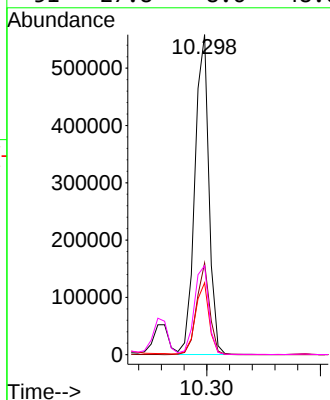
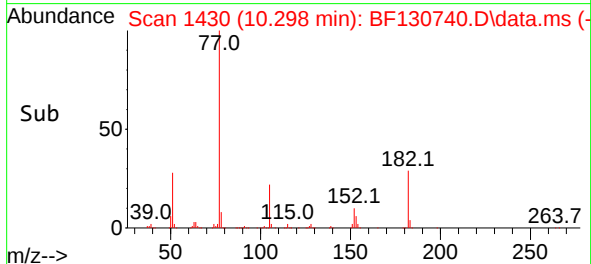
Instrument :
BNA_F
ClientSampleId :
PB148413BS



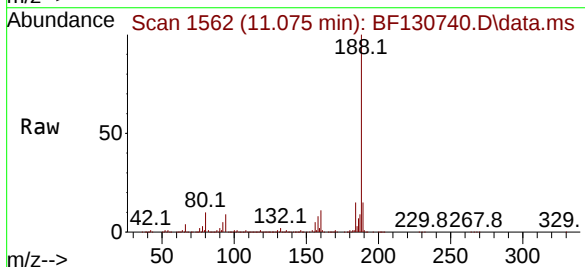
Tgt Ion: 77 Resp: 478990
Ion Ratio Lower Upper
77 100
182 28.7 7.3 47.3
105 22.5 1.9 41.9
51 27.8 8.6 48.6

Manual Integrations
APPROVED

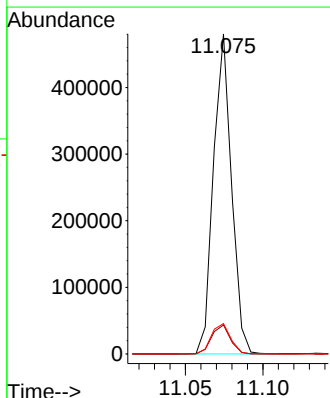
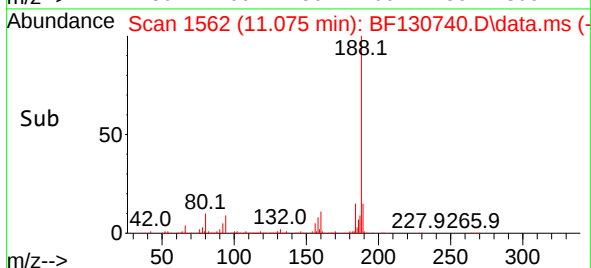
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

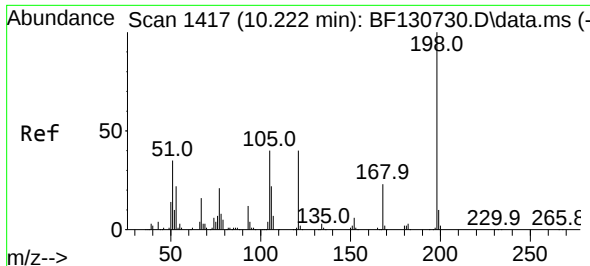


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:188 Resp: 389408
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.5 7.4 11.0





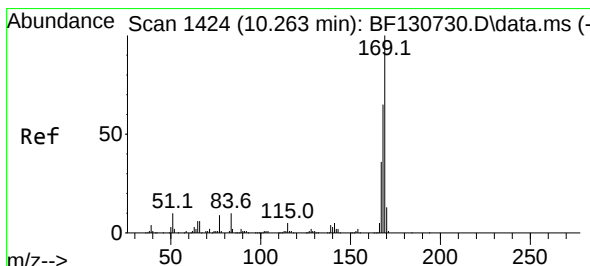
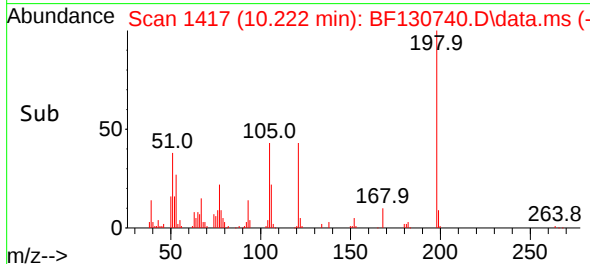
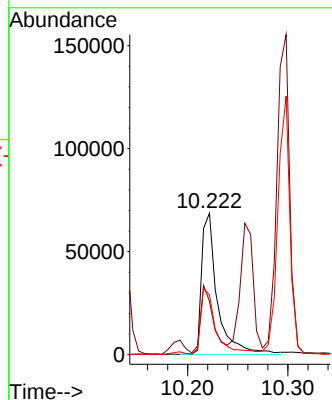
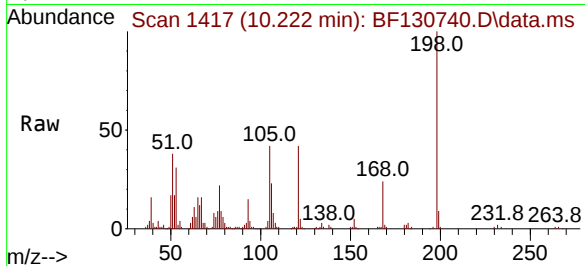
#65
4,6-Dinitro-2-methylphenol
Concen: 31.939 ng
RT: 10.222 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148413BS

Tgt Ion:198 Resp: 74335
Ion Ratio Lower Upper
198 100
51 37.7 17.7 57.7
105 42.2 20.2 60.2

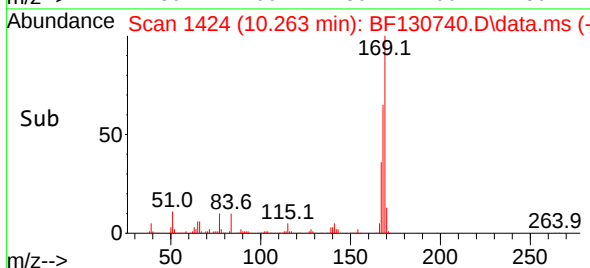
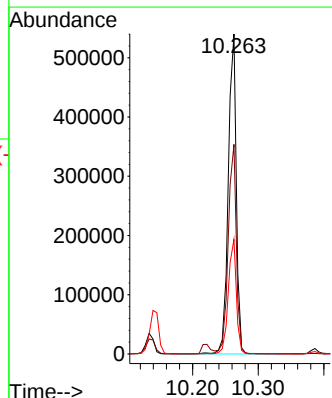
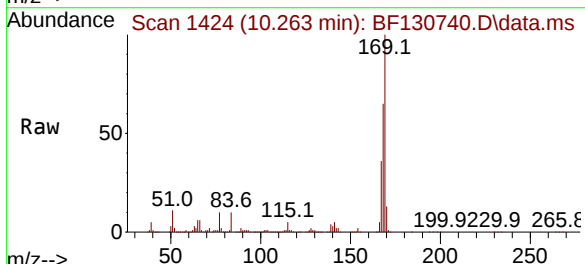
Manual Integrations
APPROVED

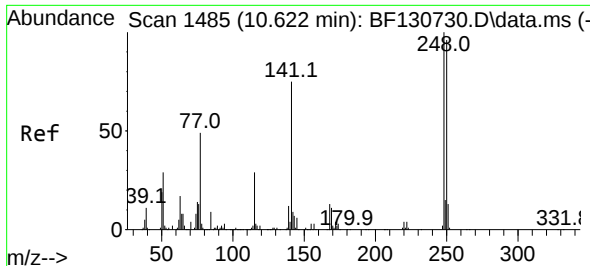
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#66
n-Nitrosodiphenylamine
Concen: 34.025 ng
RT: 10.263 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

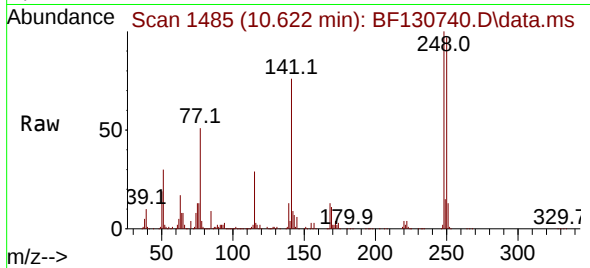
Tgt Ion:169 Resp: 456749
Ion Ratio Lower Upper
169 100
168 65.5 52.5 78.7
167 35.8 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 37.843 ng
RT: 10.622 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

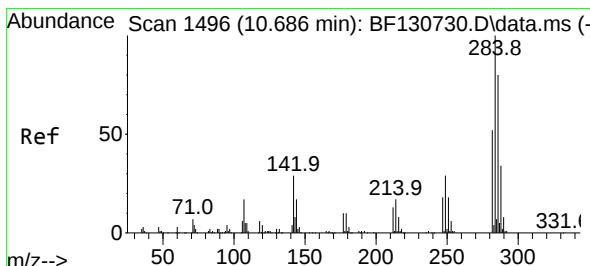
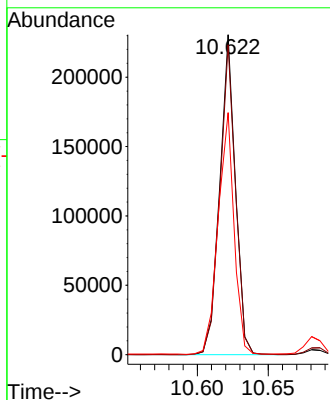
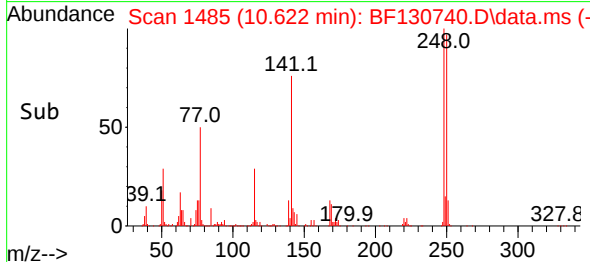
Instrument :
BNA_F
ClientSampleId :
PB148413BS



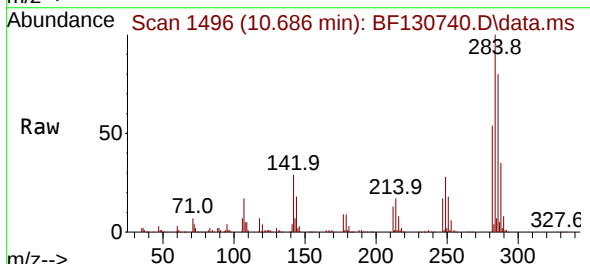
Tgt Ion:248 Resp: 17725
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 75.7 60.1 90.1

Manual Integrations
APPROVED

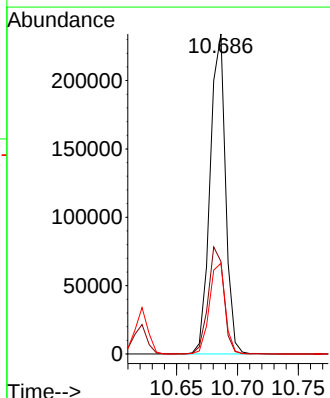
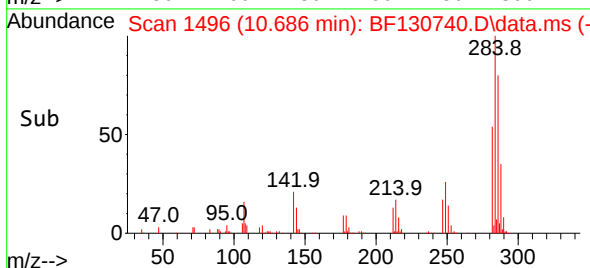
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

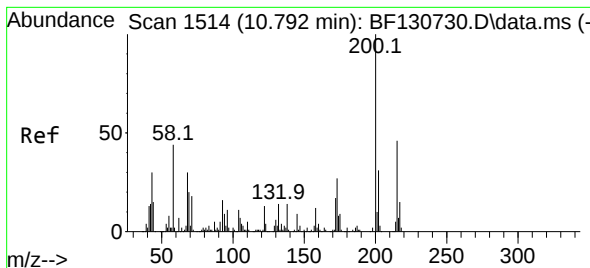


#68
Hexachlorobenzene
Concen: 38.453 ng
RT: 10.686 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:284 Resp: 205869
Ion Ratio Lower Upper
284 100
142 28.9 22.8 34.2
249 28.3 23.4 35.2





#69

Atrazine

Concen: 45.311 ng

RT: 10.792 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion:200 Resp: 16844

Ion Ratio Lower Upper

200 100

173 27.6 7.2 47.2

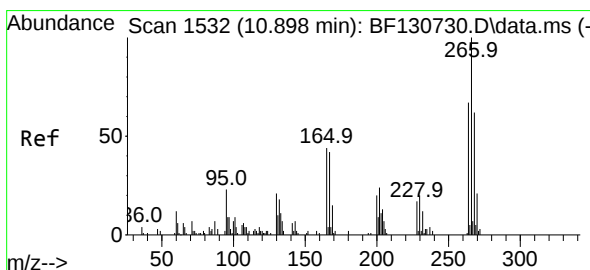
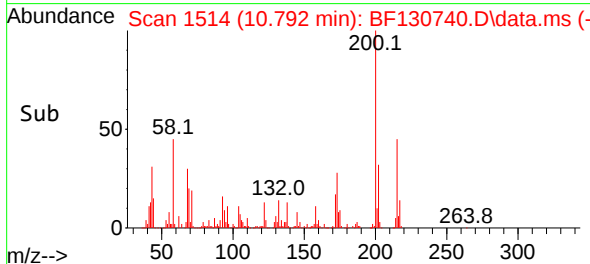
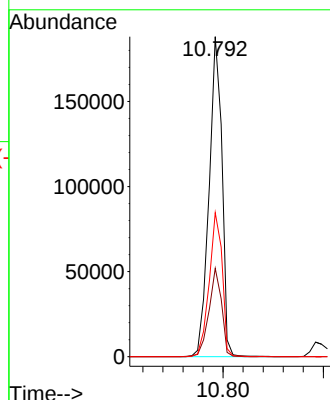
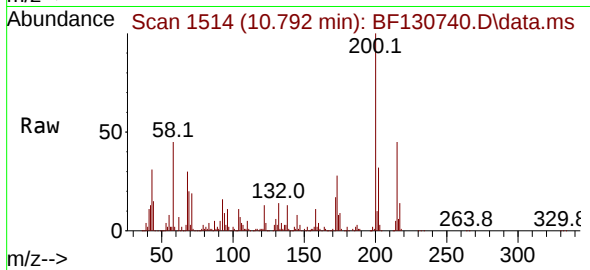
215 45.0 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#70

Pentachlorophenol

Concen: 73.511 ng

RT: 10.892 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

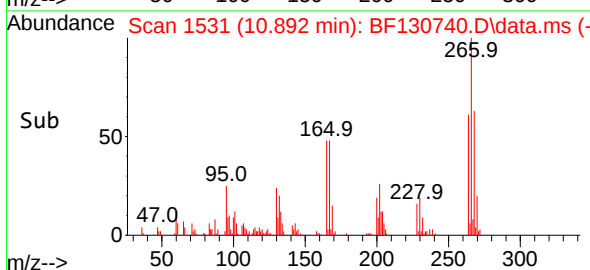
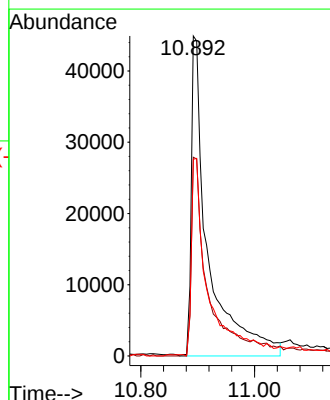
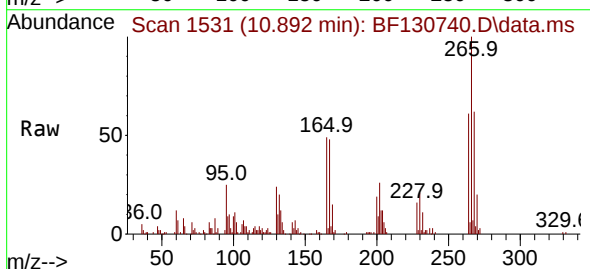
Tgt Ion:266 Resp: 92102

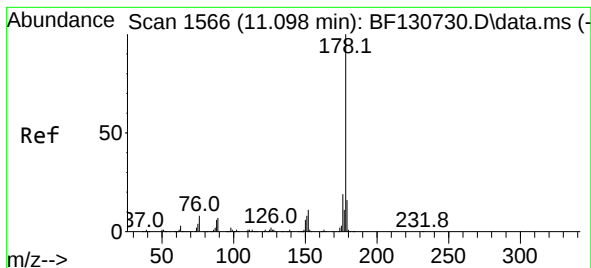
Ion Ratio Lower Upper

266 100

268 62.1 49.9 74.9

264 61.4 53.6 80.4





#71

Phenanthrene

Concen: 38.402 ng

RT: 11.098 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion:178 Resp: 82003

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

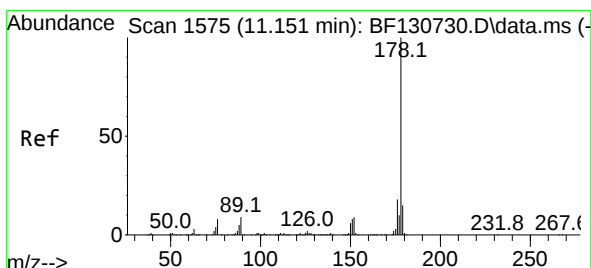
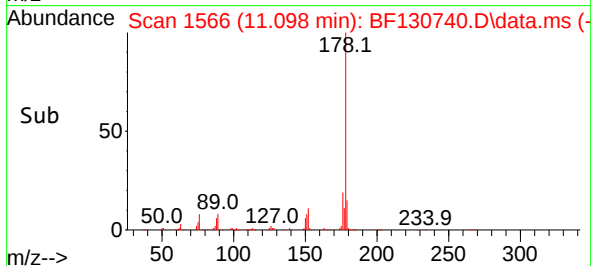
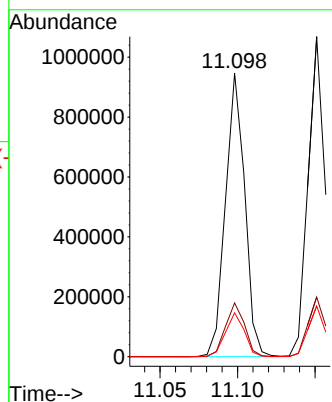
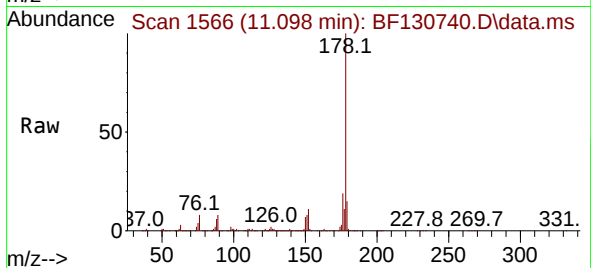
179 15.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#72

Anthracene

Concen: 39.319 ng

RT: 11.151 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

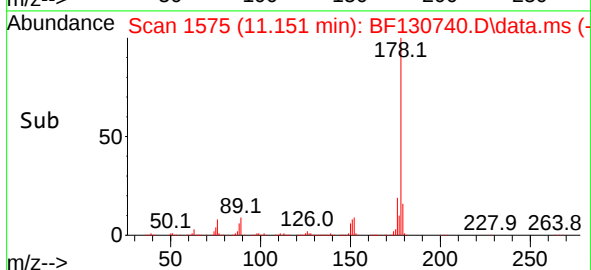
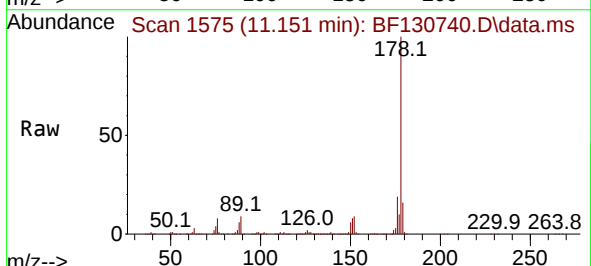
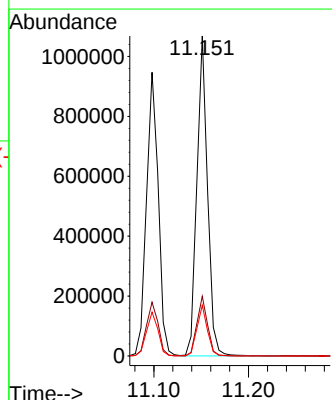
Tgt Ion:178 Resp: 837868

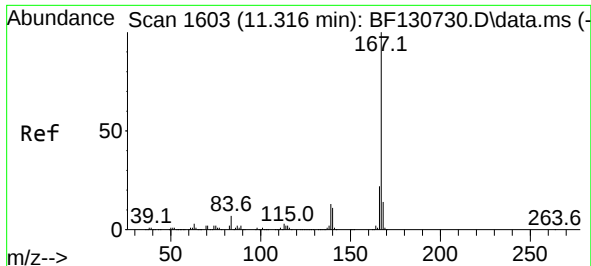
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

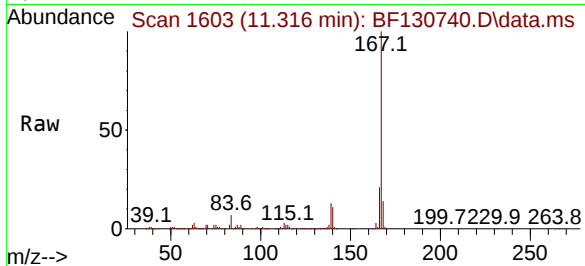
179 15.8 12.4 18.6





#73
Carbazole
Concen: 34.694 ng
RT: 11.316 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

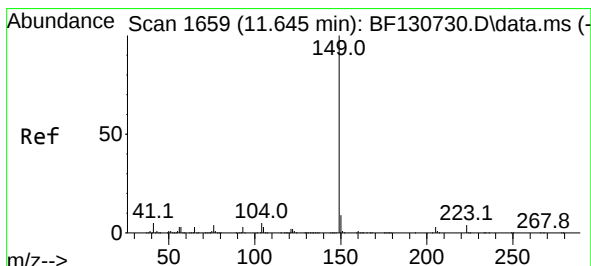
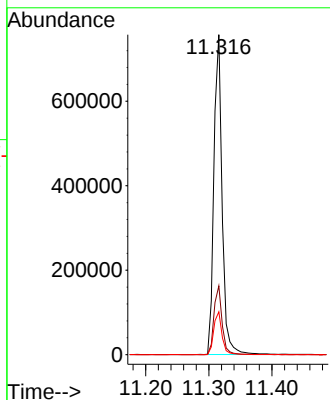
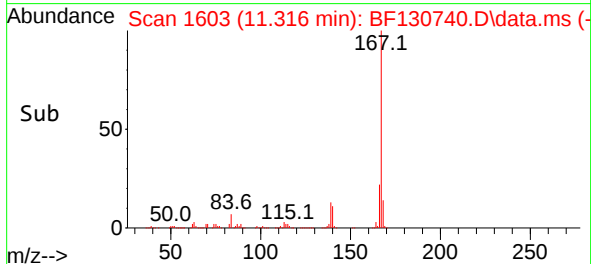
Instrument :
BNA_F
ClientSampleId :
PB148413BS



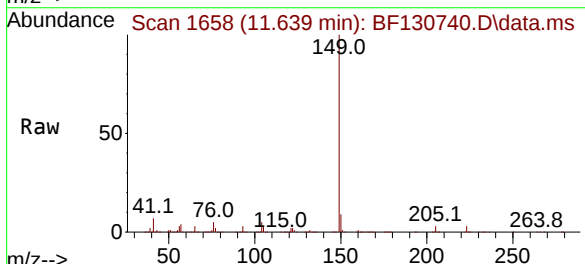
Tgt Ion:167 Resp: 68259
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.4 10.7 16.1

Manual Integrations
APPROVED

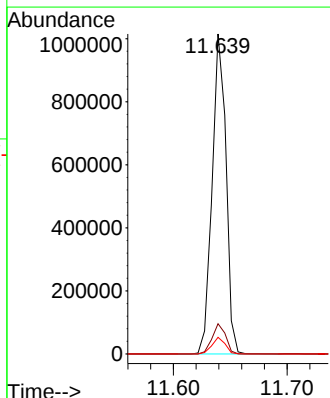
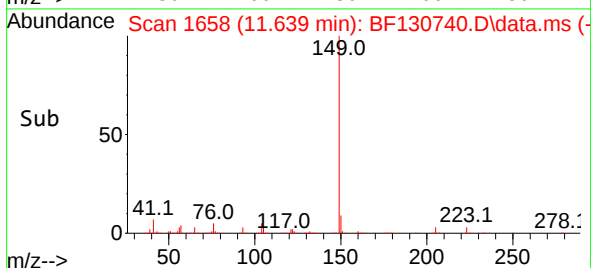
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

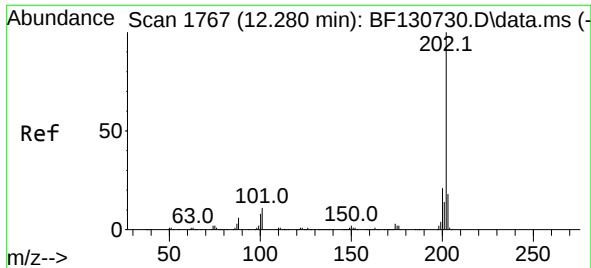


#74
Di-n-butylphthalate
Concen: 35.553 ng
RT: 11.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



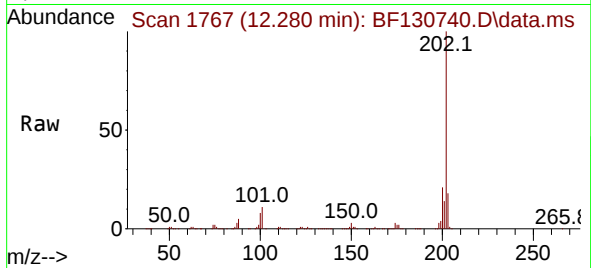
Tgt Ion:149 Resp: 860327
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 32.488 ng
RT: 12.280 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

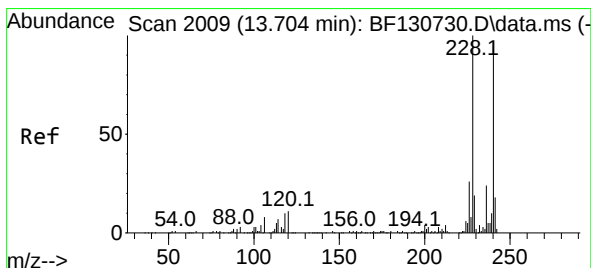
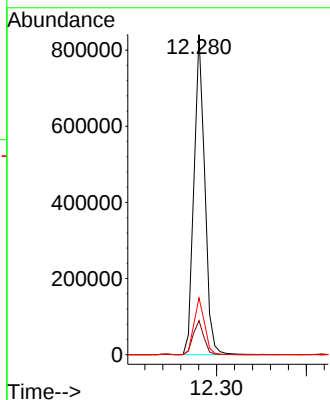
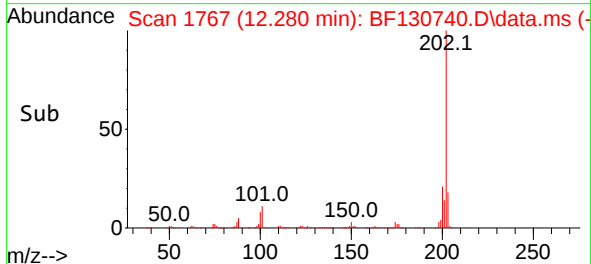
Instrument :
BNA_F
ClientSampleId :
PB148413BS



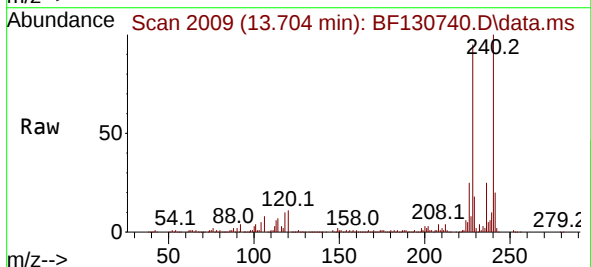
Tgt Ion:202 Resp: 701345
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.0
203 17.8 0.0 37.6

Manual Integrations
APPROVED

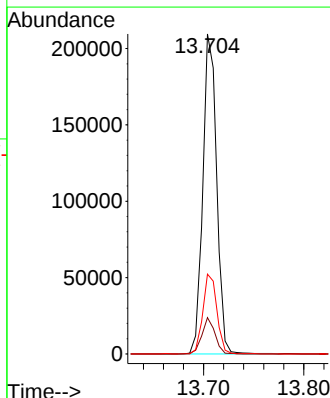
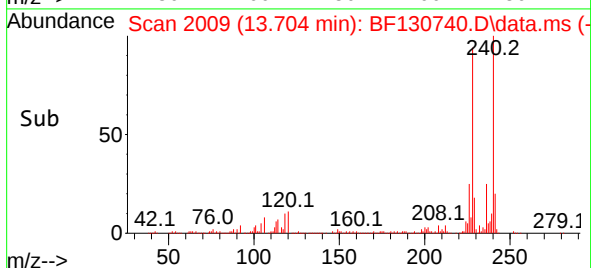
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

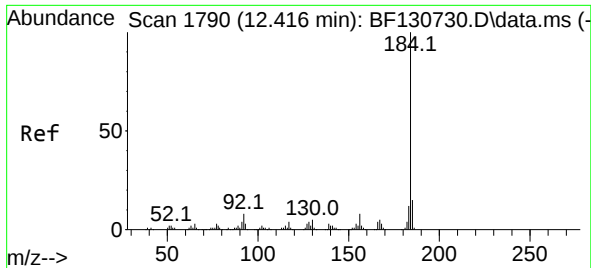


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



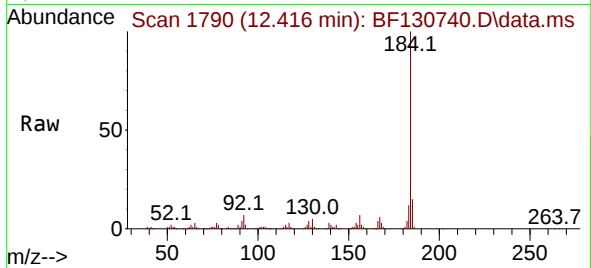
Tgt Ion:240 Resp: 201816
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 24.9 20.2 30.2





#77
Benzidine
Concen: 65.943 ng
RT: 12.416 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

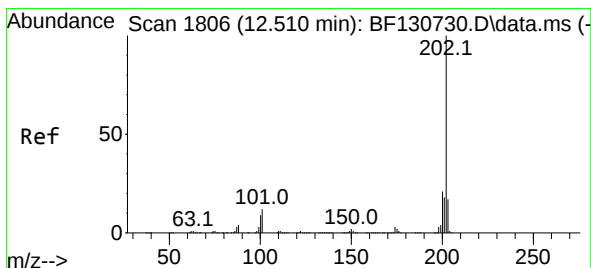
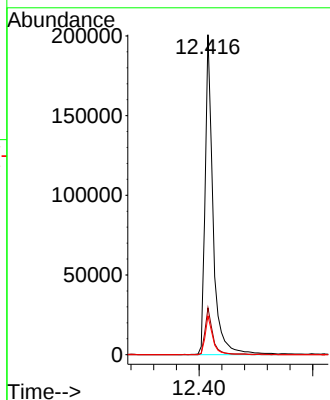
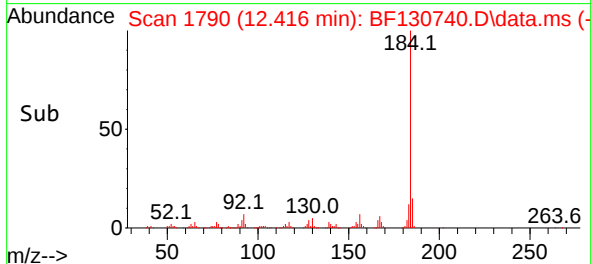
Instrument :
BNA_F
ClientSampleId :
PB148413BS



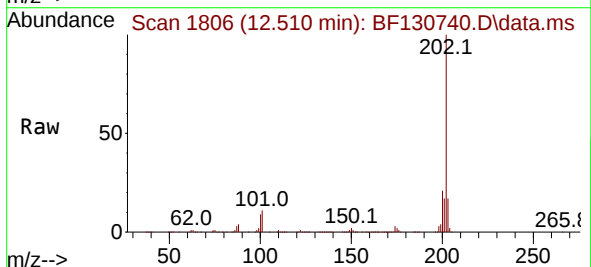
Tgt Ion:184 Resp: 193650
Ion Ratio Lower Upper
184 100
185 14.6 12.4 18.6
183 12.1 9.3 13.9

Manual Integrations
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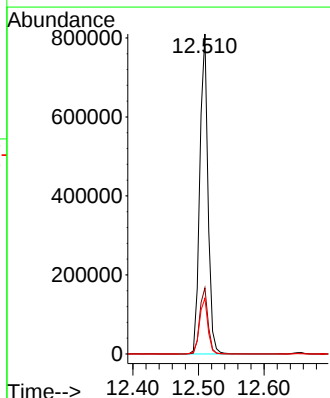
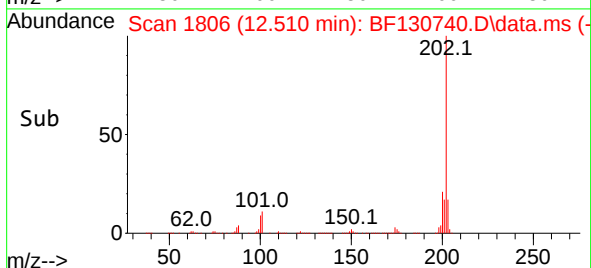
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

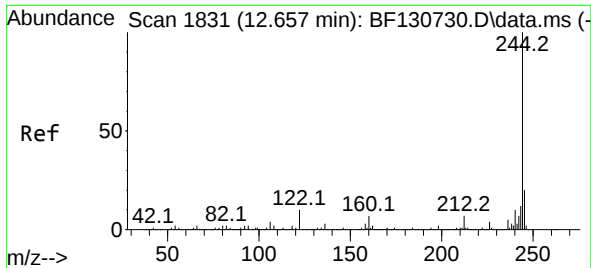


#78
Pyrene
Concen: 41.451 ng
RT: 12.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:202 Resp: 702191
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.4 13.8 20.8





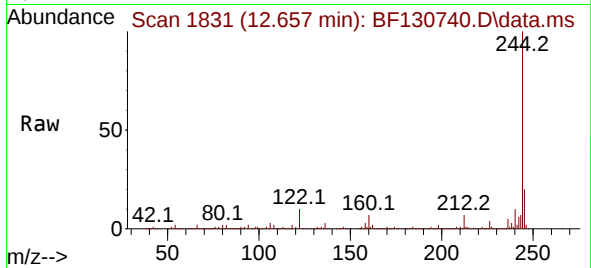
#79
 Terphenyl-d14
 Concen: 85.885 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130740.D
 Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

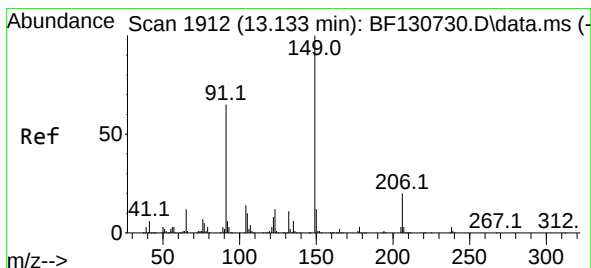
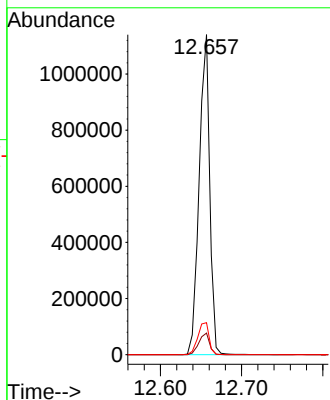
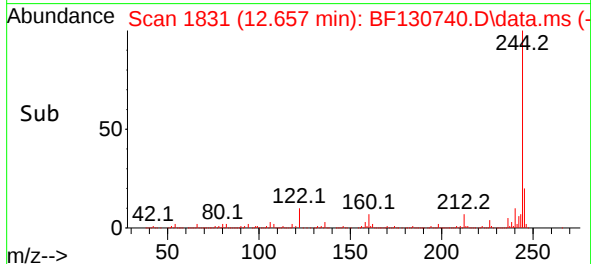


Tgt Ion:244 Resp: 1028550
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.0 8.2 12.4

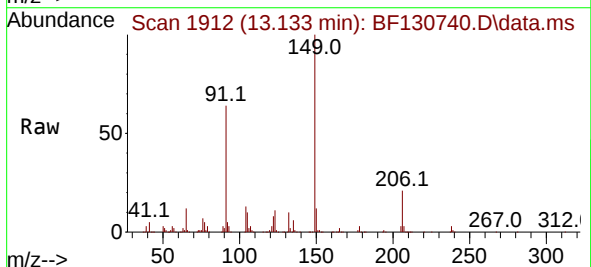
Manual Integrations

APPROVED

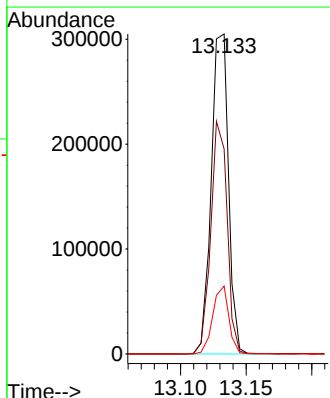
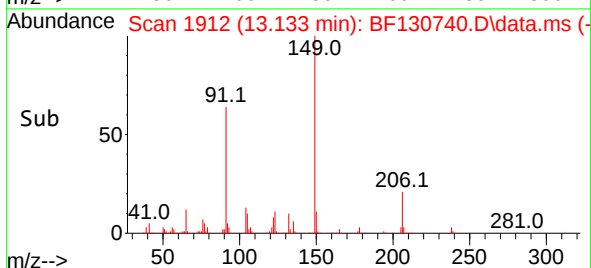
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

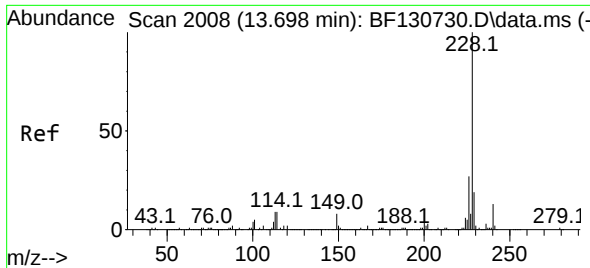


#80
 Butylbenzylphthalate
 Concen: 41.572 ng
 RT: 13.133 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: BF130740.D
 Acq: 21 Oct 2022 12:23



Tgt Ion:149 Resp: 279435
 Ion Ratio Lower Upper
 149 100
 91 64.0 52.3 78.5
 206 21.2 16.3 24.5





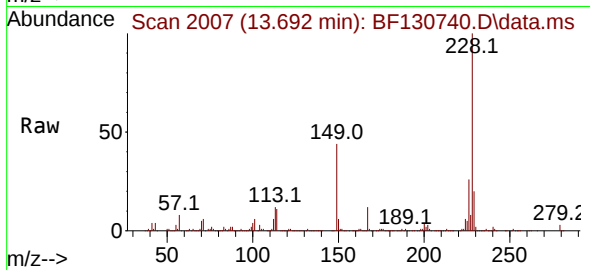
#81
Benzo(a)anthracene
Concen: 39.111 ng
RT: 13.692 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

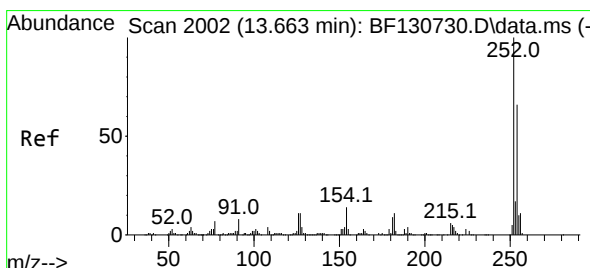
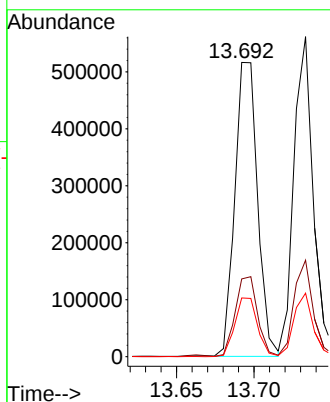
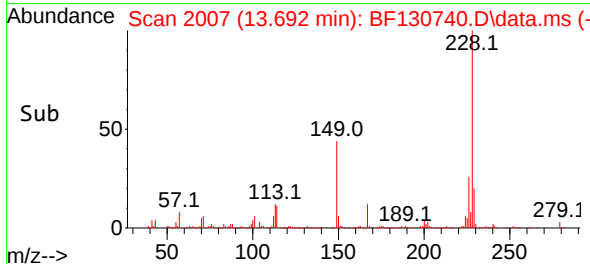


Tgt Ion:228 Resp: 52741
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.9 15.4 23.2

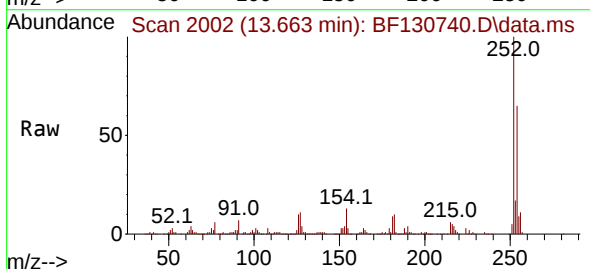
Manual Integrations

APPROVED

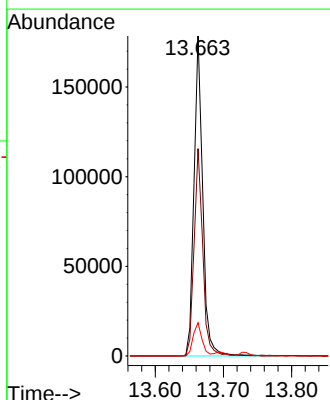
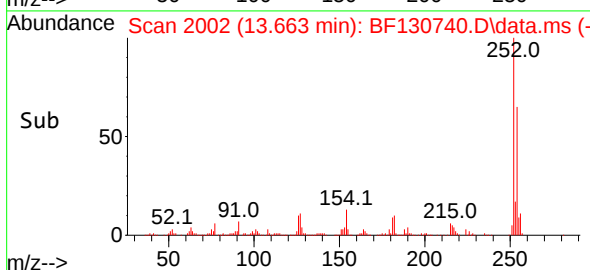
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

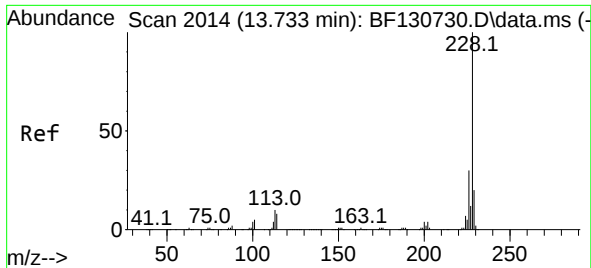


#82
3,3'-Dichlorobenzidine
Concen: 40.579 ng
RT: 13.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



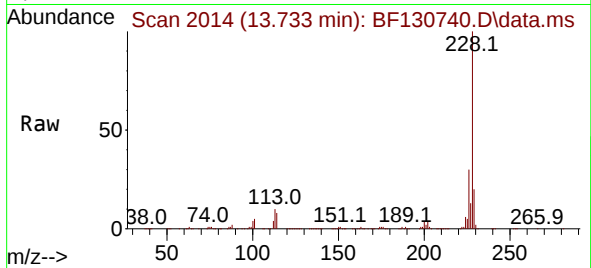
Tgt Ion:252 Resp: 158910
Ion Ratio Lower Upper
252 100
254 64.8 52.4 78.6
126 10.4 9.0 13.4





#83
Chrysene
Concen: 37.629 ng
RT: 13.733 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

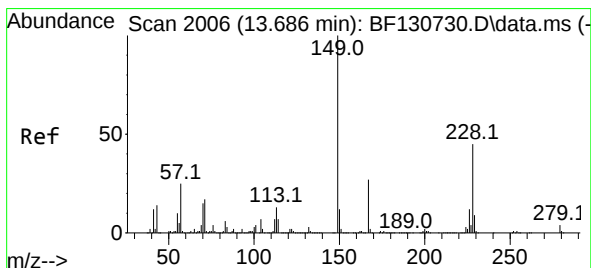
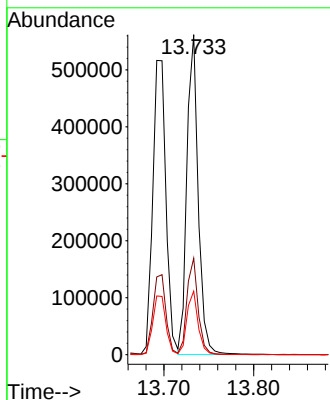
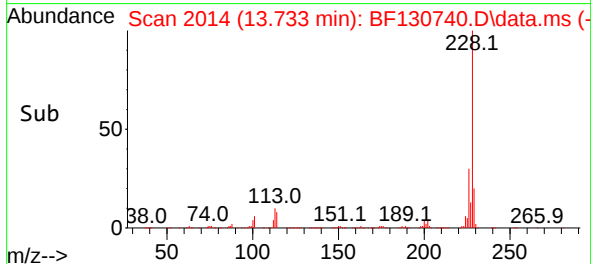
Instrument :
BNA_F
ClientSampleId :
PB148413BS



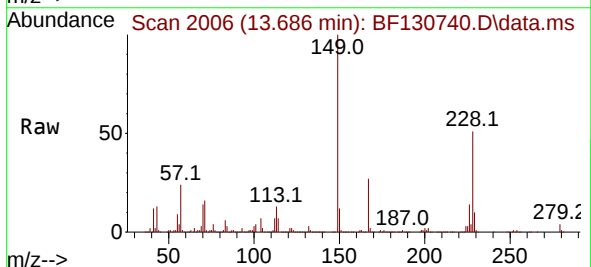
Tgt Ion:228 Resp: 491654
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 19.8 15.8 23.6

Manual Integrations
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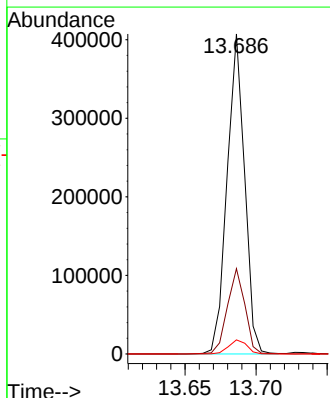
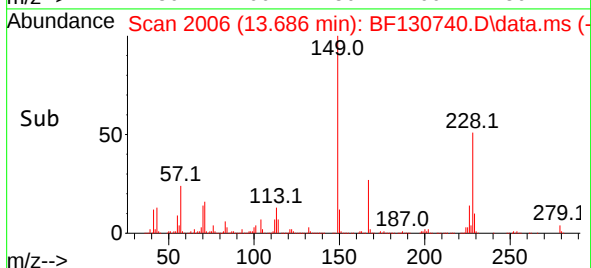
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

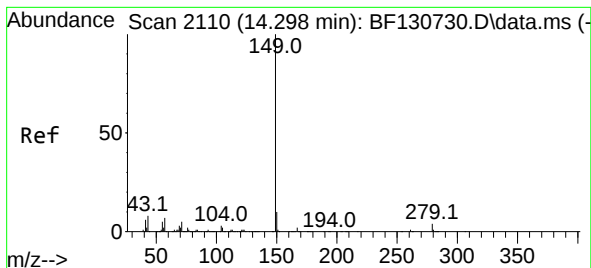


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.811 ng
RT: 13.686 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:149 Resp: 348855
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 45.056 ng

RT: 14.298 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BF130740.D

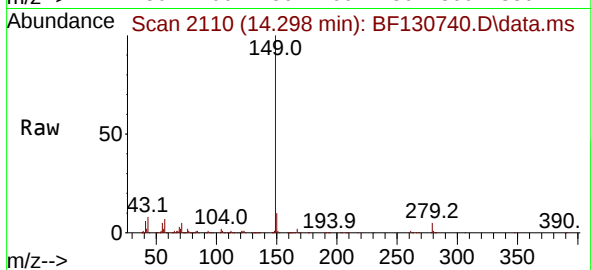
Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS



Tgt Ion:149 Resp: 472988

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

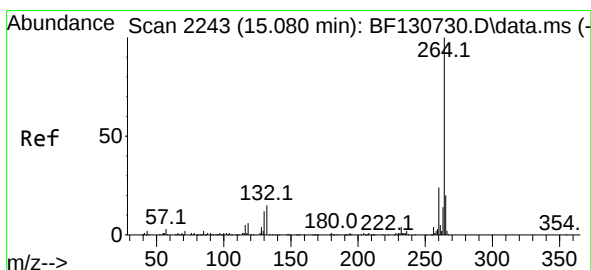
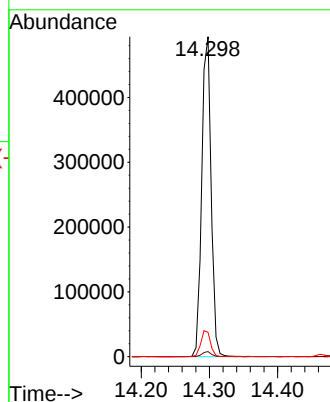
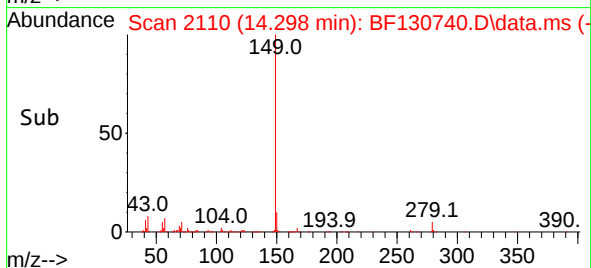
43 8.4 7.0 10.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.080 min Scan# 2243

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

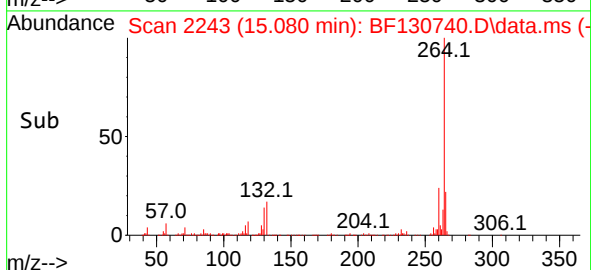
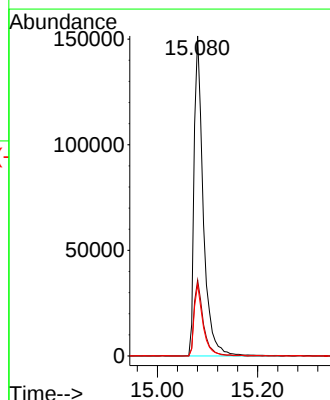
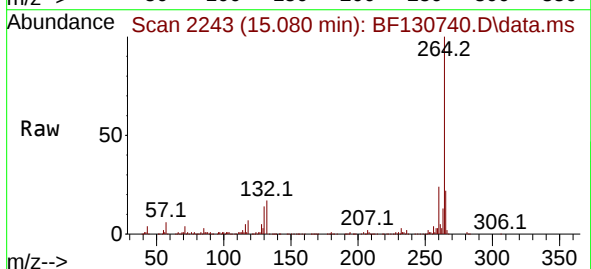
Tgt Ion:264 Resp: 192641

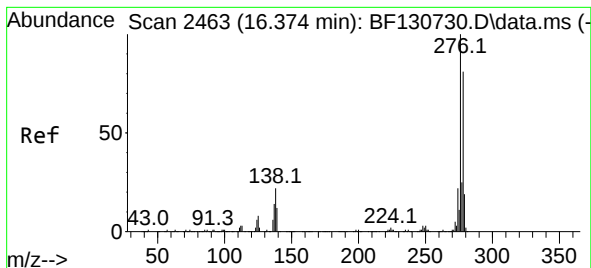
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.3 16.2 24.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.625 ng

RT: 16.368 min Scan# 2463

Delta R.T. -0.006 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148413BS

Tgt Ion:276 Resp: 54746

Ion Ratio Lower Upper

276 100

138 22.7 17.2 25.8

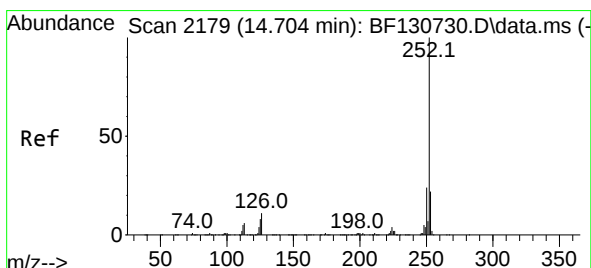
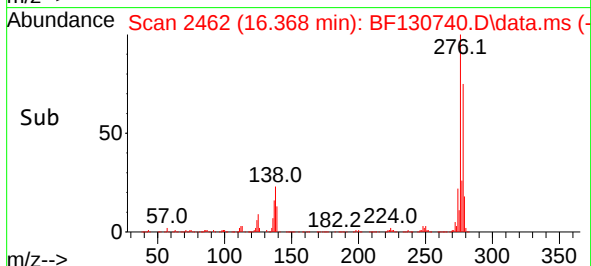
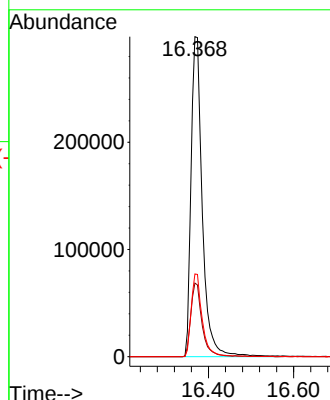
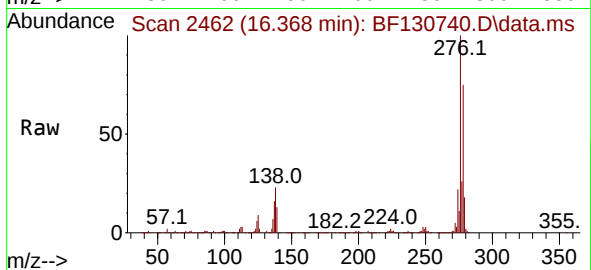
277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#88

Benzo(b)fluoranthene

Concen: 39.541 ng

RT: 14.704 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF130740.D

Acq: 21 Oct 2022 12:23

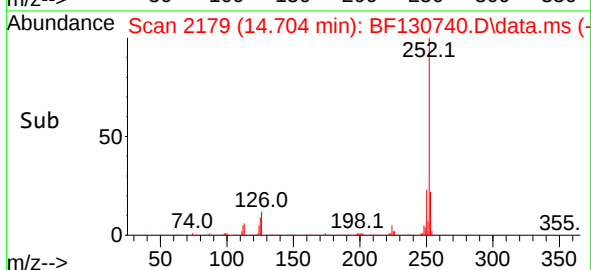
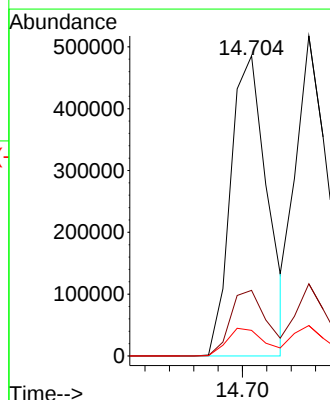
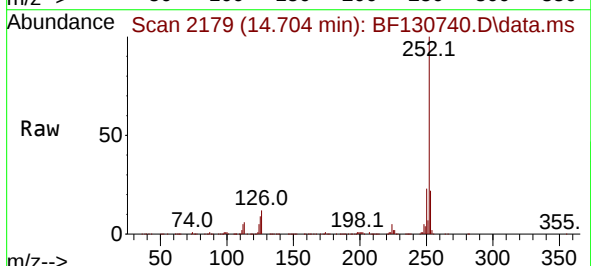
Tgt Ion:252 Resp: 507177

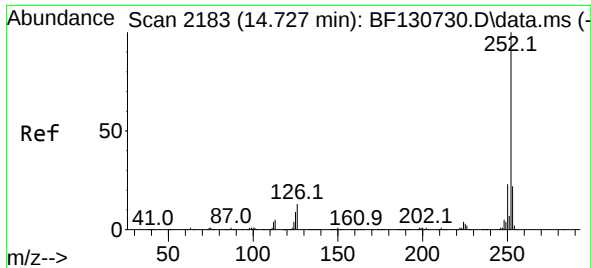
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

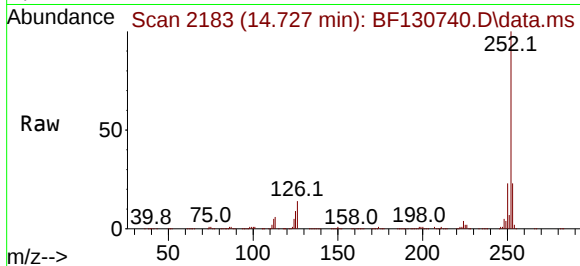
125 8.5 6.4 9.6





#89
Benzo(k)fluoranthene
Concen: 39.462 ng
RT: 14.727 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

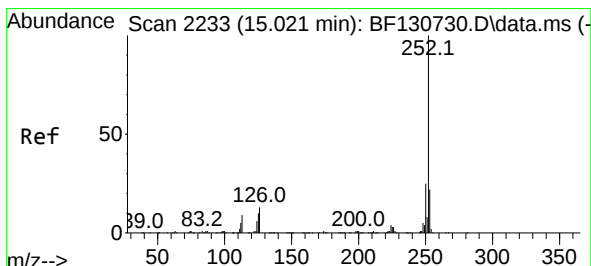
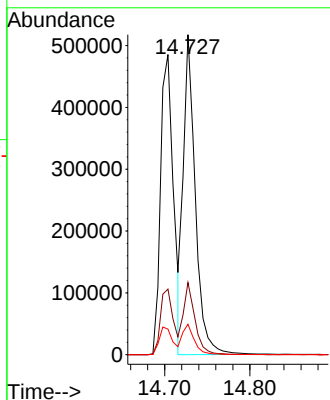
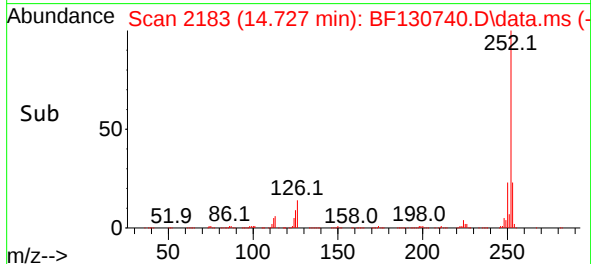
Instrument :
BNA_F
ClientSampleId :
PB148413BS



Tgt Ion:252 Resp: 50853
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.5 7.2 10.8

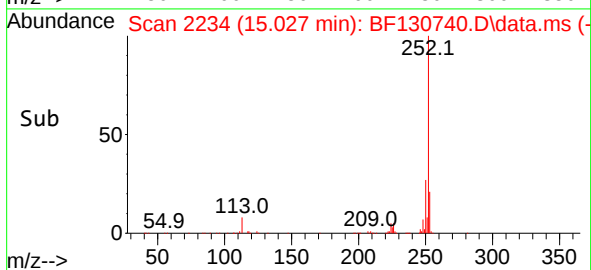
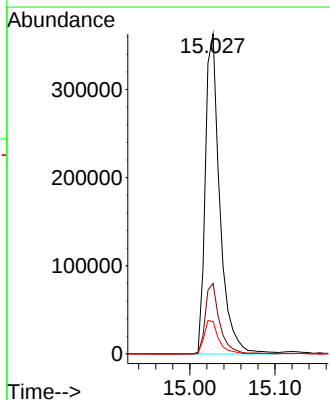
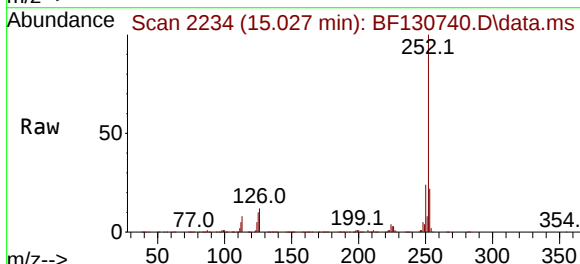
Manual Integrations
APPROVED

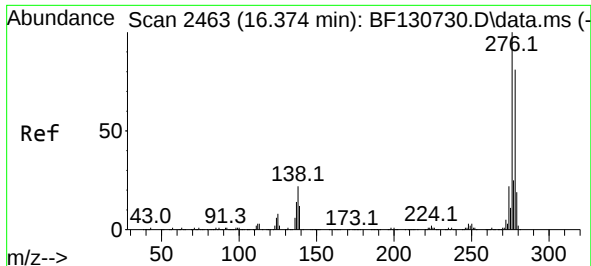
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#90
Benzo(a)pyrene
Concen: 41.753 ng
RT: 15.027 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

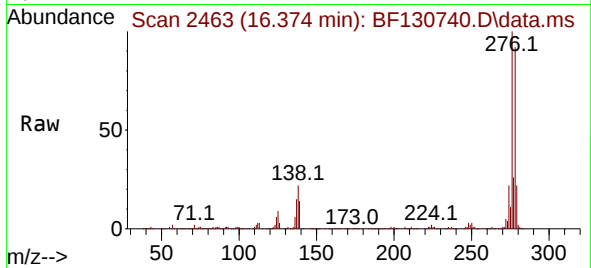
Tgt Ion:252 Resp: 430139
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.1 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 42.427 ng
RT: 16.374 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23

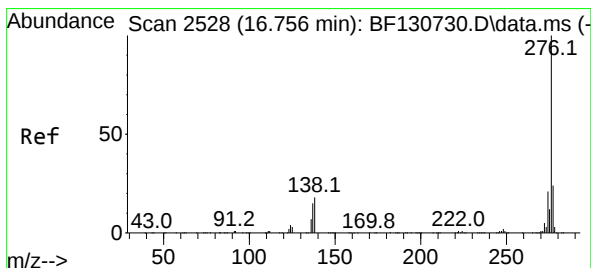
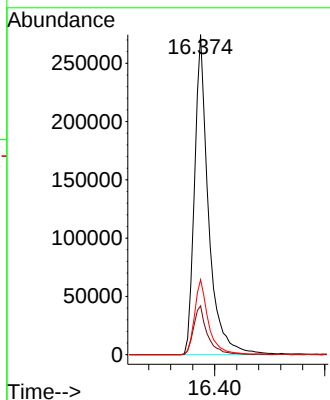
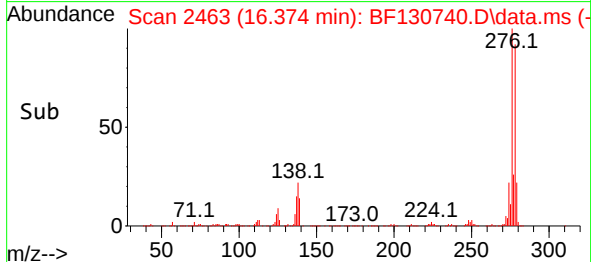
Instrument :
BNA_F
ClientSampleId :
PB148413BS



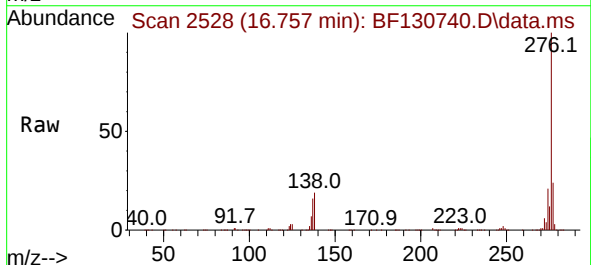
Tgt Ion:278 Resp: 48437
Ion Ratio Lower Upper
278 100
139 15.3 11.4 17.0
279 23.4 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#92
Benzo(g,h,i)perylene
Concen: 34.840 ng
RT: 16.757 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF130740.D
Acq: 21 Oct 2022 12:23



Tgt Ion:276 Resp: 398910
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 18.8 14.2 21.2

