

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130742.D
 Acq On : 21 Oct 2022 13:36
 Operator : CG\JU
 Sample : PB148386BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148386BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 13:56:04 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	114501	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	469716	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	215403	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	391763	20.000	ng	0.00
76) Chrysene-d12	13.710	240	250162	20.000	ng	# 0.00
86) Perylene-d12	15.080	264	227797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	842711	126.914	ng	0.02
7) Phenol-d6	6.228	99	1028018	127.960	ng	0.00
23) Nitrobenzene-d5	7.140	82	591288	66.778	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	358924	175.215	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1319617	93.360	ng	0.00
79) Terphenyl-d14	12.657	244	1552422	104.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.210	88	101762	25.759	ng	100
3) Pyridine	2.881	79	223690	29.370	ng	97
4) n-Nitrosodimethylamine	2.846	42	129929	38.398	ng	99
6) Aniline	6.234	93	354261	38.274	ng	96
8) 2-Chlorophenol	6.357	128	340645	44.336	ng	94
9) Benzaldehyde	6.122	77	95512	20.362	ng	97
10) Phenol	6.240	94	394749	44.568	ng	92
11) bis(2-Chloroethyl)ether	6.310	93	305746	46.476	ng	99
12) 1,3-Dichlorobenzene	6.498	146	350888	42.041	ng	97
13) 1,4-Dichlorobenzene	6.581	146	358189	41.724	ng	100
14) 1,2-Dichlorobenzene	6.728	146	324655	40.027	ng	98
15) Benzyl Alcohol	6.734	79	233253	39.581	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.845	45	307101	36.393	ng	# 55
17) 2-Methylphenol	6.845	107	228835	36.205	ng	98
18) Hexachloroethane	7.063	117	116619	36.373	ng	92
19) n-Nitroso-di-n-propyla...	6.992	70	193567	35.657	ng	98
20) 3+4-Methylphenols	7.004	107	302880	36.561	ng	# 84
22) Acetophenone	6.987	105	413980	36.129	ng	98
24) Nitrobenzene	7.157	77	311680	34.603	ng	100
25) Isophorone	7.398	82	641448	43.968	ng	99
26) 2-Nitrophenol	7.475	139	193325	42.808	ng	98
27) 2,4-Dimethylphenol	7.522	122	307891	50.389	ng	97
28) bis(2-Chloroethoxy)met...	7.610	93	382321	45.241	ng	100
29) 2,4-Dichlorophenol	7.722	162	264510	39.259	ng	98
30) 1,2,4-Trichlorobenzene	7.787	180	280919	39.703	ng	95
31) Naphthalene	7.869	128	995152	41.090	ng	100
32) Benzoic acid	7.710	122	136153	39.684	ng	95
33) 4-Chloroaniline	7.934	127	354195	38.013	ng	99
34) Hexachlorobutadiene	7.981	225	178158	39.604	ng	100
35) Caprolactam	8.328	113	93091m	44.208	ng	
36) 4-Chloro-3-methylphenol	8.439	107	275111	37.780	ng	93
37) 2-Methylnaphthalene	8.557	142	568736	35.841	ng	99
38) 1-Methylnaphthalene	8.657	142	550479	34.989	ng	99
40) 1,2,4,5-Tetrachloroben...	8.728	216	277308	48.516	ng	99
41) Hexachlorocyclopentadiene	8.704	237	140411	109.805	ng	94
43) 2,4,6-Trichlorophenol	8.851	196	186610	51.874	ng	96

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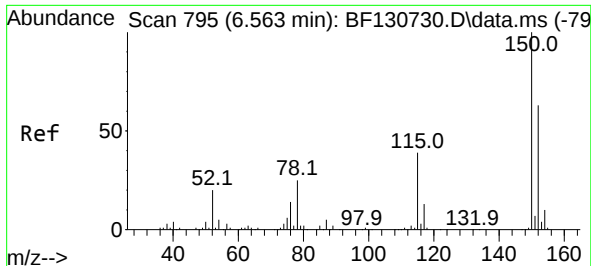
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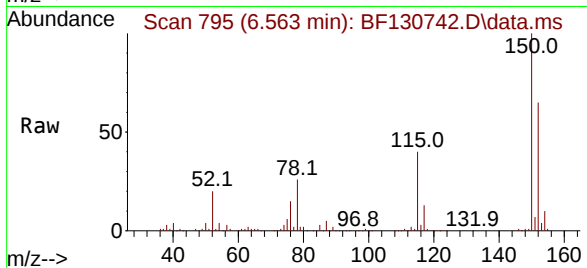
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	200120	51.151	ng	98
46) 1,1'-Biphenyl	9.022	154	782324	52.071	ng	99
47) 2-Chloronaphthalene	9.045	162	568838	45.528	ng	100
48) 2-Nitroaniline	9.163	65	198685	51.809	ng	97
49) Acenaphthylene	9.457	152	807109	43.842	ng	99
50) Dimethylphthalate	9.339	163	756094	52.185	ng	100
51) 2,6-Dinitrotoluene	9.404	165	146919	45.281	ng	88
52) Acenaphthene	9.628	154	492020	42.999	ng	98
53) 3-Nitroaniline	9.575	138	130149	35.203	ng	98
54) 2,4-Dinitrophenol	9.692	184	120853	90.699	ng	91
55) Dibenzofuran	9.804	168	765589	43.468	ng	97
56) 4-Nitrophenol	9.769	139	73670	68.101	ng	96
57) 2,4-Dinitrotoluene	9.810	165	201636	46.134	ng	92
58) Fluorene	10.145	166	640189	43.704	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.933	232	148874	47.864	ng	98
60) Diethylphthalate	10.033	149	639855	42.803	ng	98
61) 4-Chlorophenyl-phenyle...	10.139	204	304164	46.328	ng	98
62) 4-Nitroaniline	10.198	138	152572	43.506	ng	99
63) Azobenzene	10.298	77	670070	51.051	ng	99
65) 4,6-Dinitro-2-methylph...	10.222	198	106357	45.424	ng	89
66) n-Nitrosodiphenylamine	10.263	169	621451	46.016	ng	99
67) 4-Bromophenyl-phenylether	10.622	248	225156	47.780	ng	98
68) Hexachlorobenzene	10.686	284	240819	44.711	ng	96
69) Atrazine	10.798	200	198396	53.046	ng	99
70) Pentachlorophenol	10.898	266	120529	88.578	ng	96
71) Phenanthrene	11.104	178	914460	42.566	ng	99
72) Anthracene	11.157	178	931660	43.458	ng	99
73) Carbazole	11.316	167	963871	48.697	ng	99
74) Di-n-butylphthalate	11.639	149	1165103	47.858	ng	98
75) Fluoranthene	12.280	202	945706	43.544	ng	98
77) Benzidine	12.416	184	355804	151.271	ng	98
78) Pyrene	12.510	202	1075263	51.207	ng	99
80) Butylbenzylphthalate	13.133	149	436214	52.354	ng	99
81) Benzo(a)anthracene	13.692	228	740362	44.292	ng	99
82) 3,3'-Dichlorobenzidine	13.663	252	258673	53.289	ng	99
83) Chrysene	13.733	228	689344	42.563	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	530340	53.732	ng	100
85) Di-n-octyl phthalate	14.298	149	657168	50.503	ng	100
87) Indeno(1,2,3-cd)pyrene	16.374	276	689157	42.182	ng	99
88) Benzo(b)fluoranthene	14.704	252	616261	40.631	ng	98
89) Benzo(k)fluoranthene	14.727	252	618855	40.612	ng	98
90) Benzo(a)pyrene	15.027	252	593513	48.720	ng	100
91) Dibenzo(a,h)anthracene	16.380	278	607007	44.963	ng	99
92) Benzo(g,h,i)perylene	16.757	276	618120	45.653	ng	96

(#) = 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: BF130742.D
Acq: 21 Oct 2022 13:36

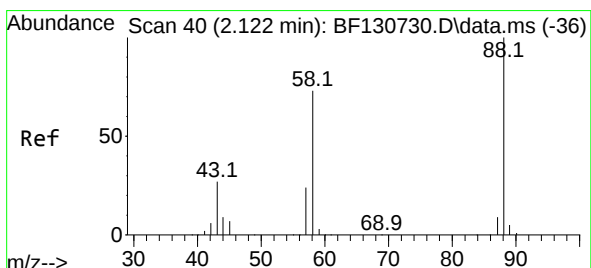
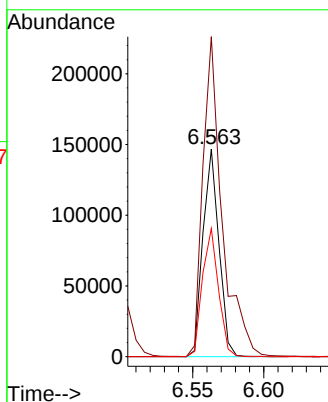
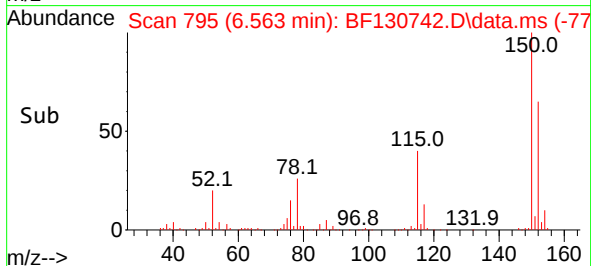
Instrument :
BNA_F
ClientSampleId :
PB148386BS



Tgt Ion:152 Resp: 11450
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 61.7 49.9 74.9

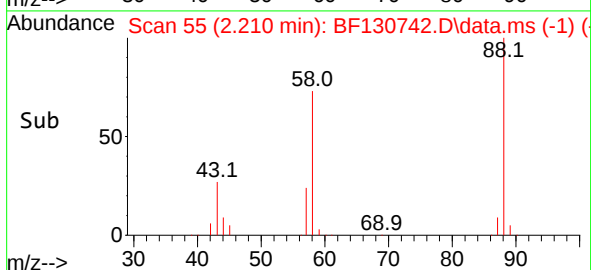
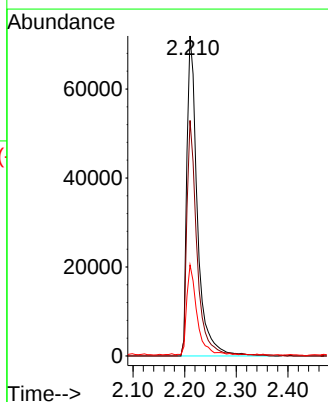
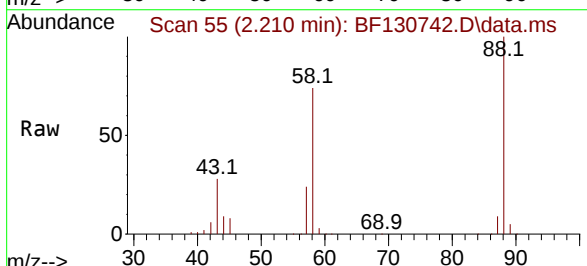
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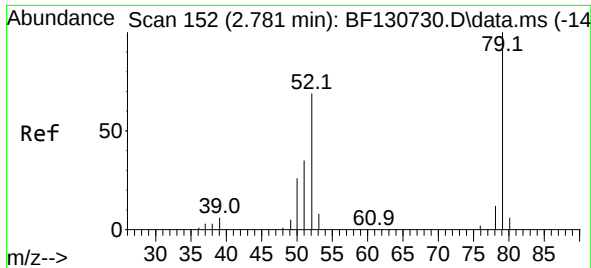
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#2
1,4-Dioxane
Concen: 25.759 ng
RT: 2.210 min Scan# 55
Delta R.T. 0.088 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 88 Resp: 101762
Ion Ratio Lower Upper
88 100
58 71.4 57.1 85.7
43 27.1 21.4 32.2





#3
Pyridine
Concen: 29.370 ng
RT: 2.881 min Scan# 10
Delta R.T. 0.100 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

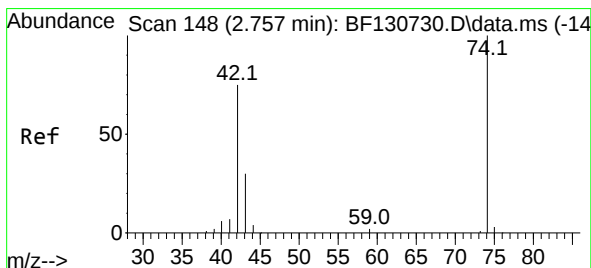
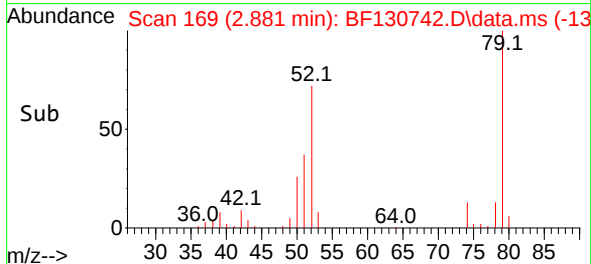
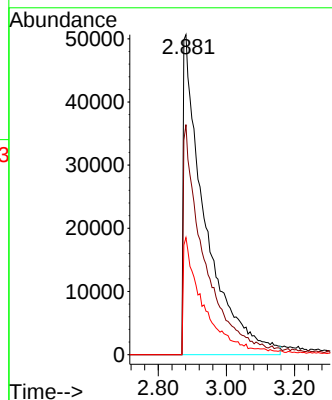
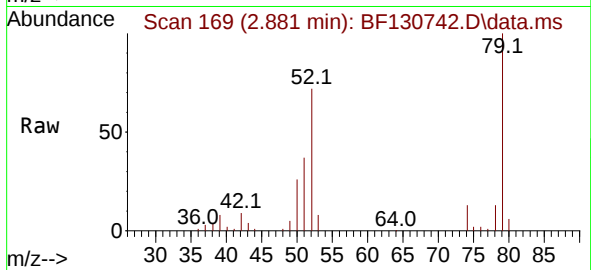
PB148386BS

Tgt Ion: 79 Resp: 223690
Ion Ratio Lower Upper
79 100
52 71.9 55.4 83.0
51 36.6 28.1 42.1

Manual Integrations

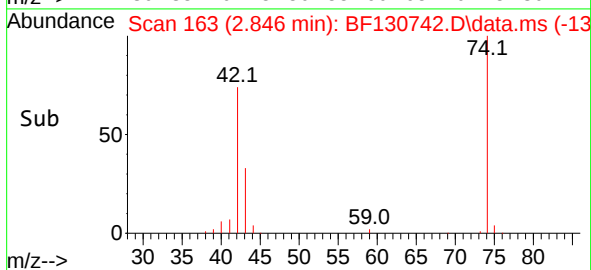
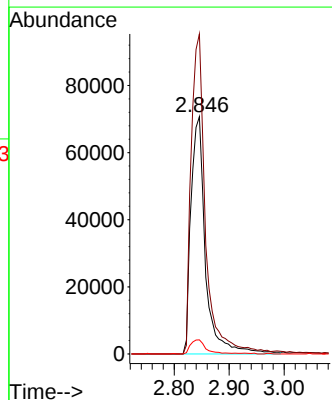
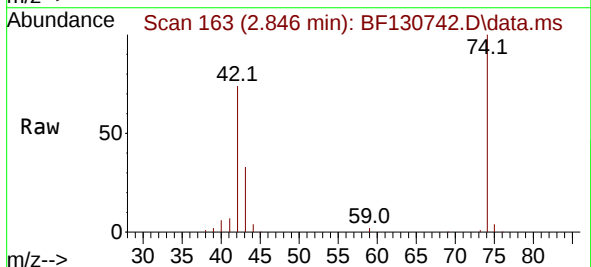
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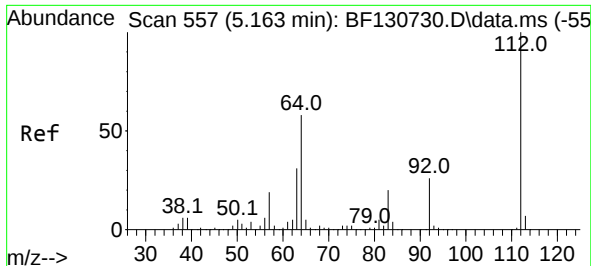
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#4
n-Nitrosodimethylamine
Concen: 38.398 ng
RT: 2.846 min Scan# 163
Delta R.T. 0.088 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 42 Resp: 129929
Ion Ratio Lower Upper
42 100
74 134.8 107.3 160.9
44 6.0 4.6 7.0





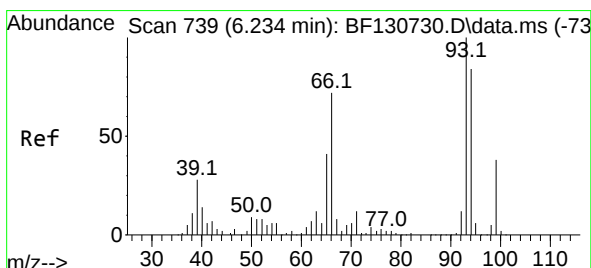
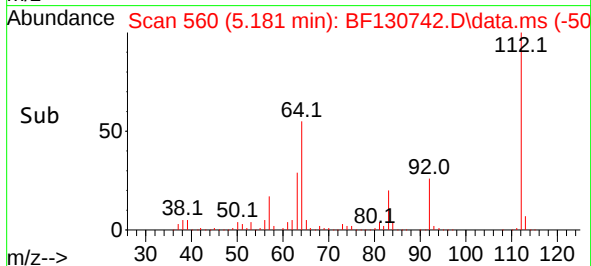
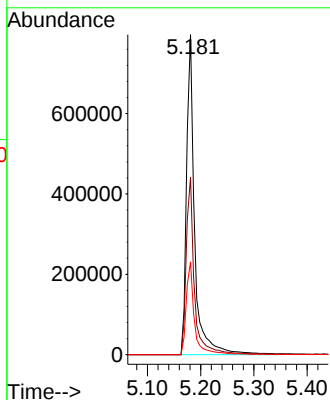
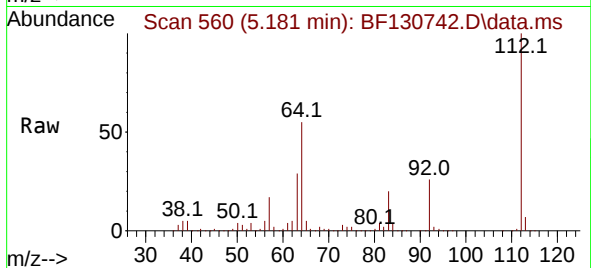
#5
2-Fluorophenol
Concen: 126.914 ng
RT: 5.181 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion:112 Resp: 84271
Ion Ratio Lower Upper
112 100
64 55.4 46.2 69.4
63 29.0 25.1 37.7

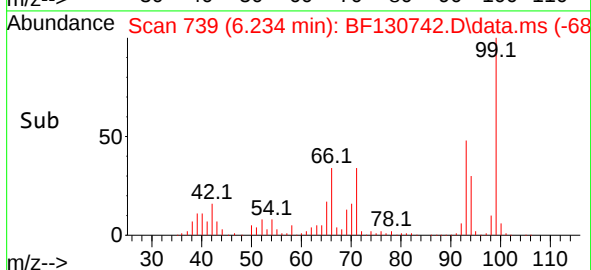
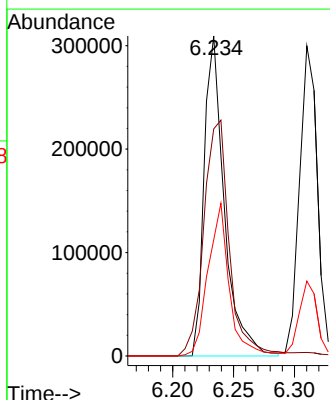
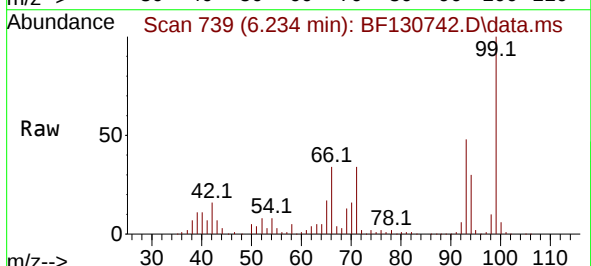
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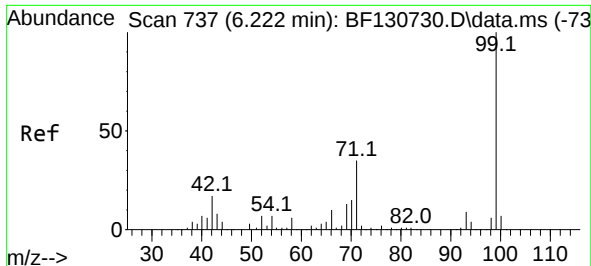
Reviewed By :Christian Giraldo 10/24/2022
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#6
Aniline
Concen: 38.274 ng
RT: 6.234 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

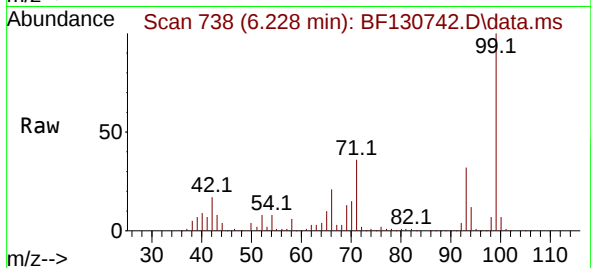
Tgt Ion: 93 Resp: 354261
Ion Ratio Lower Upper
93 100
66 71.0 57.9 86.9
65 36.3 33.0 49.6





#7
Phenol-d6
Concen: 127.960 ng
RT: 6.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

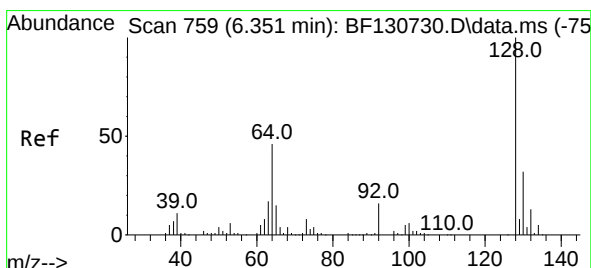
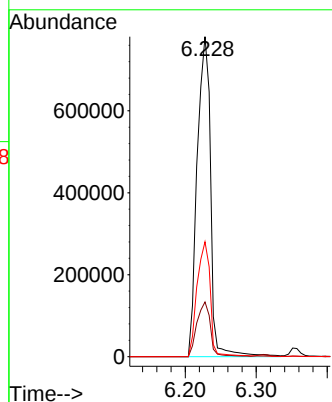
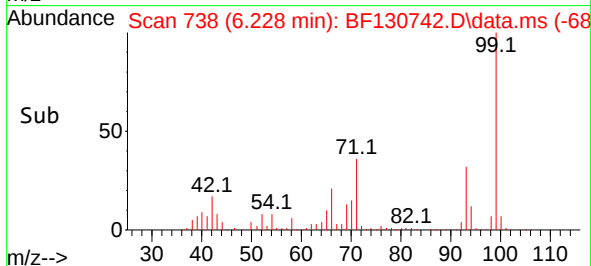
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ClientSampleId :
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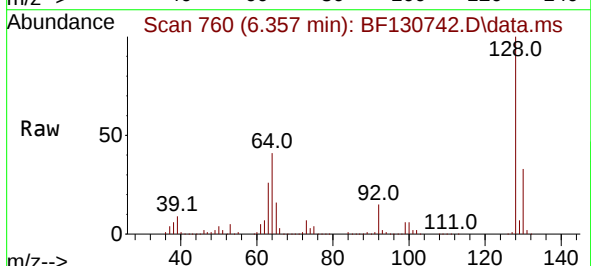
Tgt Ion: 99 Resp: 1028018
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.8
71 35.9 28.3 42.5

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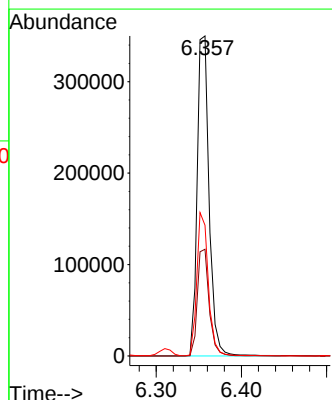
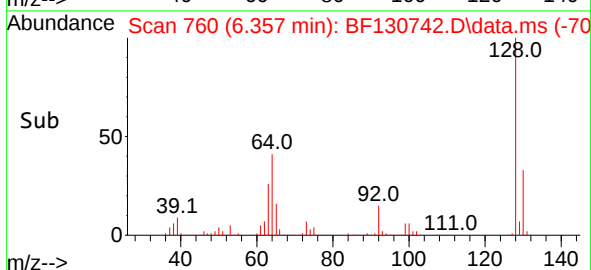
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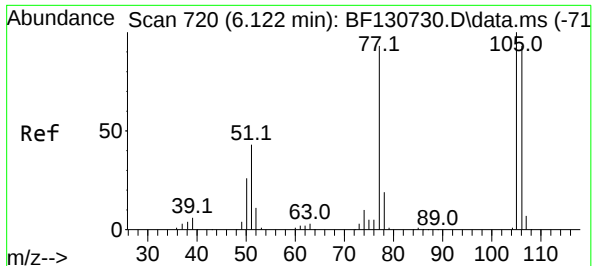


#8
2-Chlorophenol
Concen: 44.336 ng
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:128 Resp: 340645
Ion Ratio Lower Upper
128 100
130 33.3 12.1 52.1
64 40.8 26.8 66.8





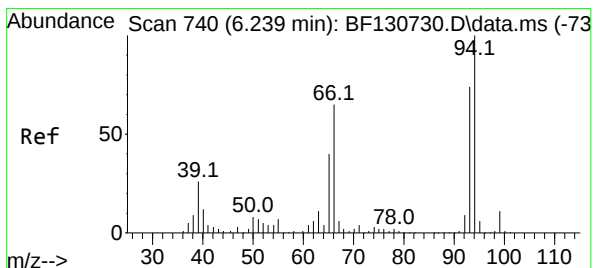
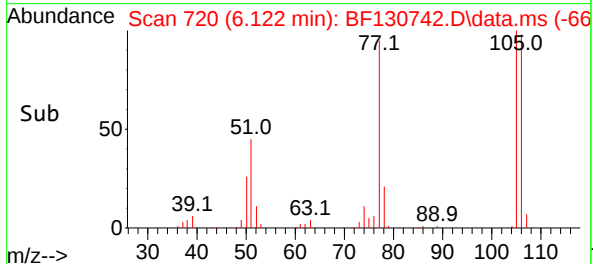
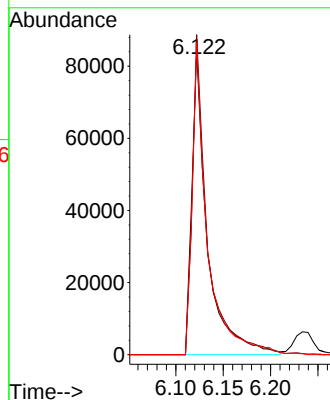
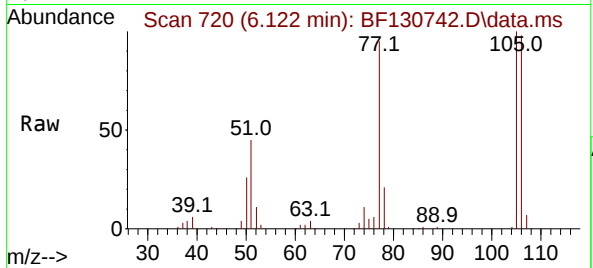
#9
Benzaldehyde
Concen: 20.362 ng
RT: 6.122 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion: 77 Resp: 9551
Ion Ratio Lower Upper
77 100
105 105.3 87.1 127.1
106 102.9 79.5 119.5

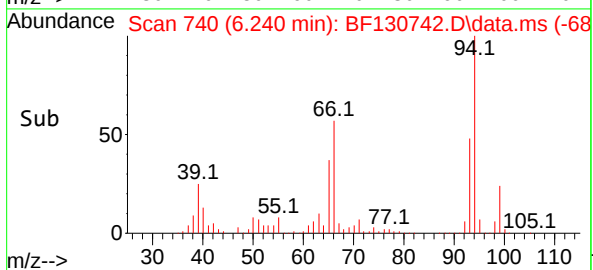
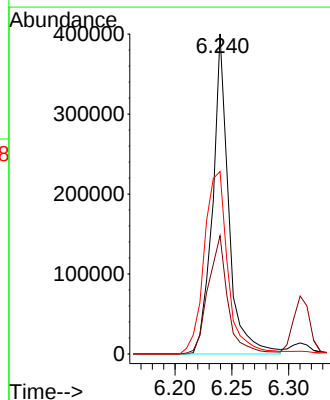
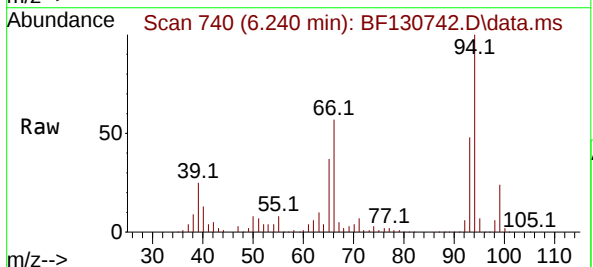
Manual Integrations
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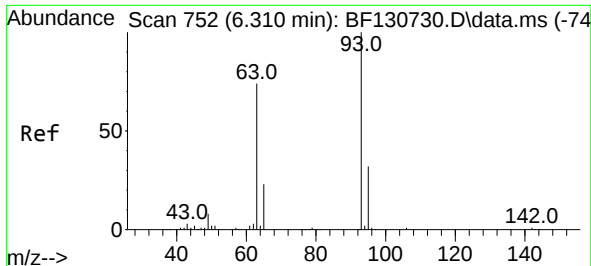
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#10
Phenol
Concen: 44.568 ng
RT: 6.240 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 94 Resp: 394749
Ion Ratio Lower Upper
94 100
65 36.9 20.3 60.3
66 57.0 45.2 85.2





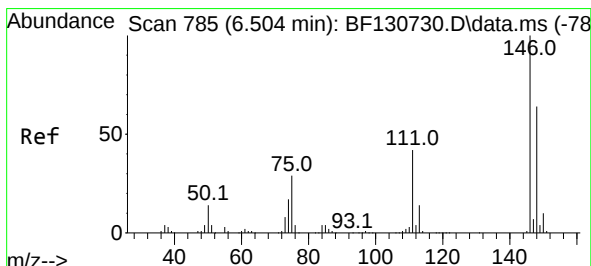
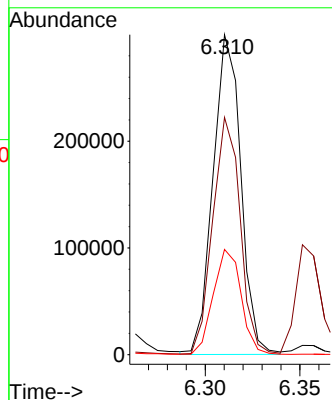
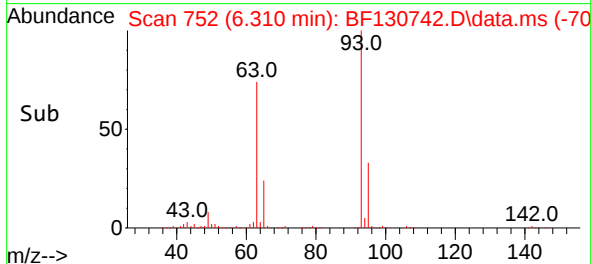
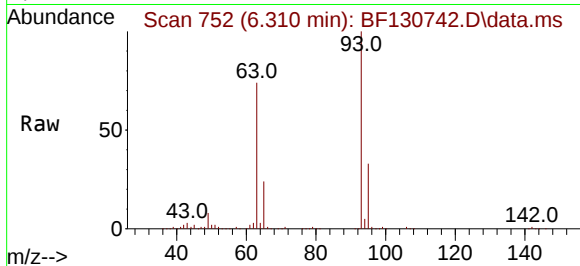
#11
bis(2-Chloroethyl)ether
Concen: 46.476 ng
RT: 6.310 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion: 93 Resp: 305740
Ion Ratio Lower Upper
93 100
63 74.1 53.6 93.6
95 32.9 11.8 51.8

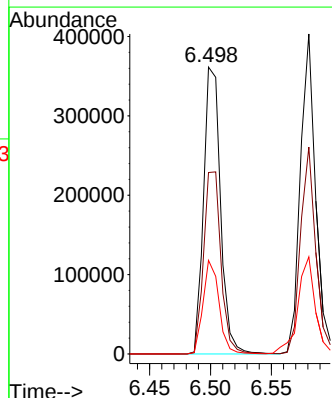
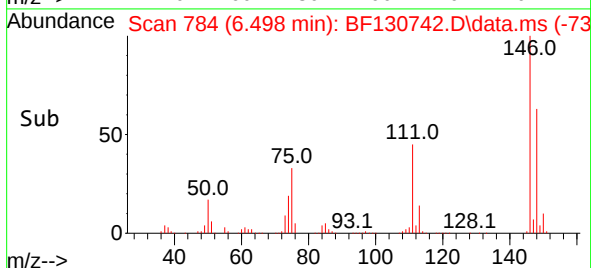
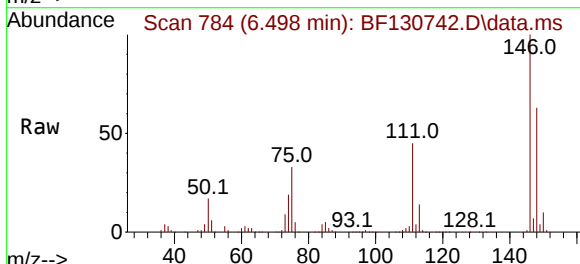
Manual Integrations
APPROVED

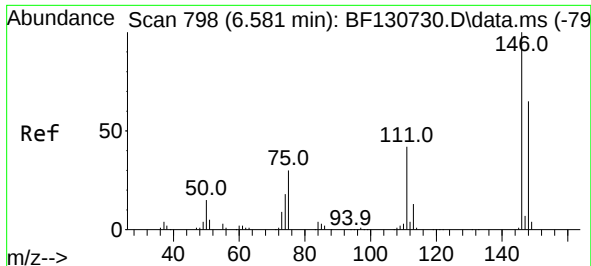
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#12
1,3-Dichlorobenzene
Concen: 42.041 ng
RT: 6.498 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

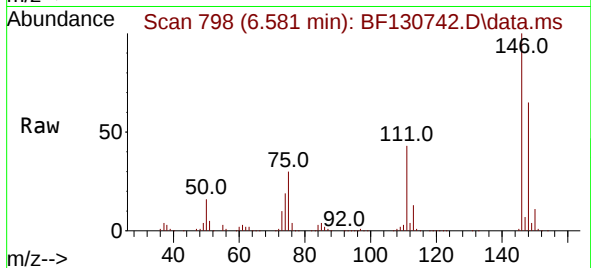
Tgt Ion:146 Resp: 350888
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 32.6 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 41.724 ng
RT: 6.581 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

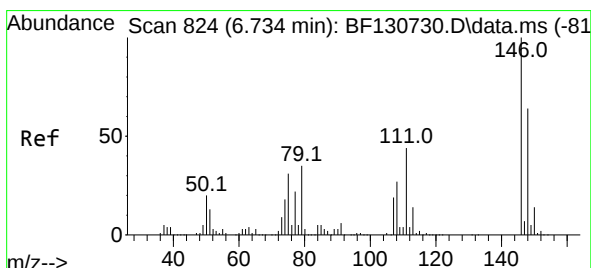
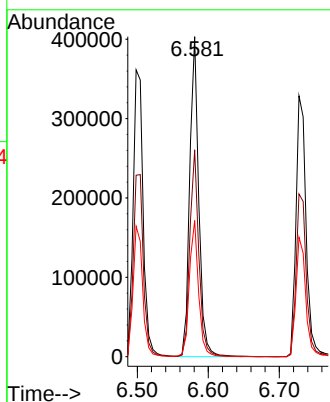
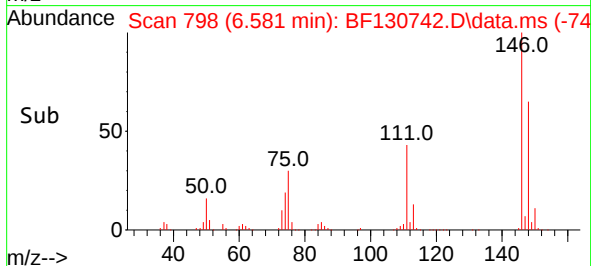
Instrument :
BNA_F
ClientSampleId :
PB148386BS



Tgt Ion:146 Resp: 358189
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 42.5 33.8 50.8

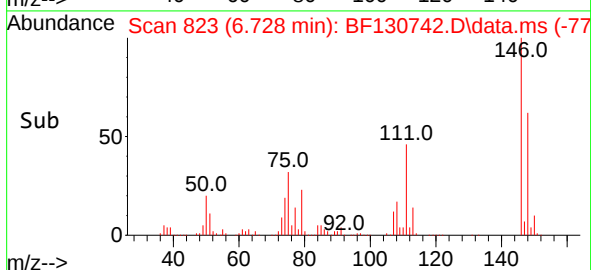
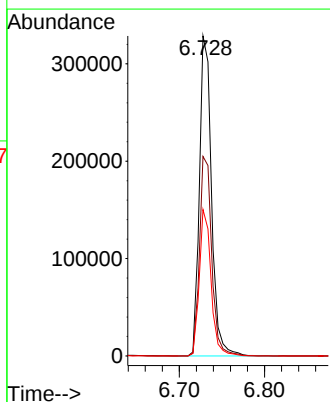
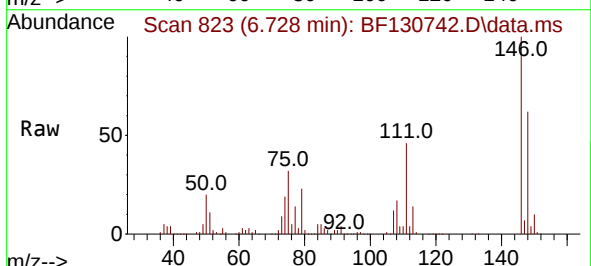
Manual Integrations
APPROVED

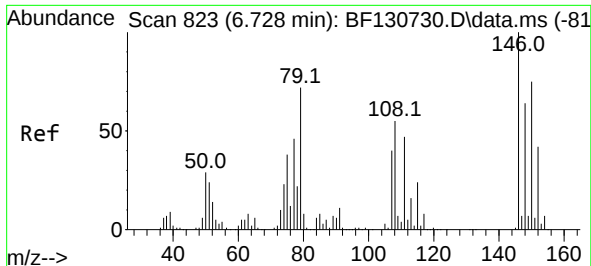
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#14
1,2-Dichlorobenzene
Concen: 40.027 ng
RT: 6.728 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

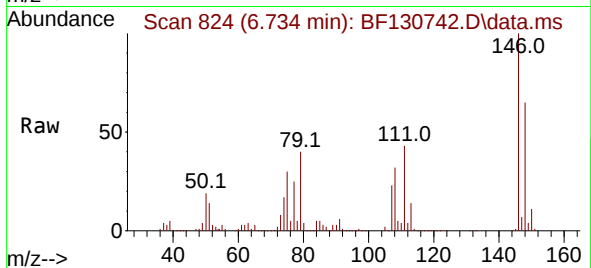
Tgt Ion:146 Resp: 324655
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 45.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 39.581 ng
RT: 6.734 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

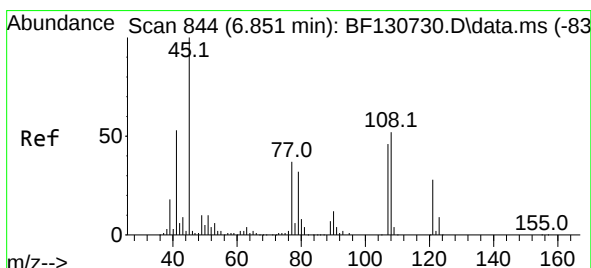
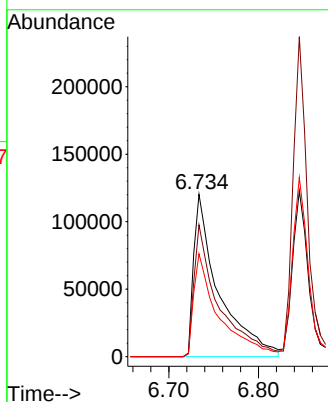
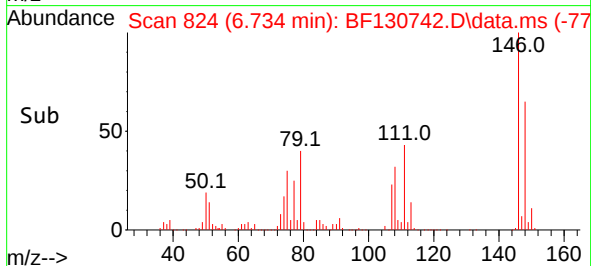
Instrument :
BNA_F
ClientSampleId :
PB148386BS



Tgt Ion: 79 Resp: 23325
Ion Ratio Lower Upper
79 100
108 81.2 61.4 92.2
77 63.3 51.4 77.0

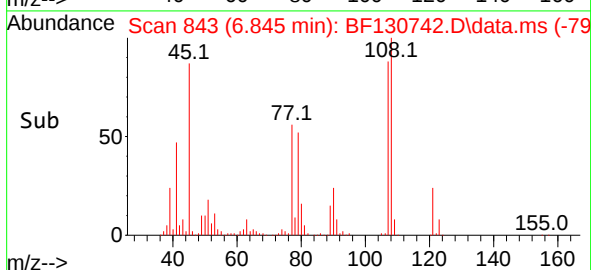
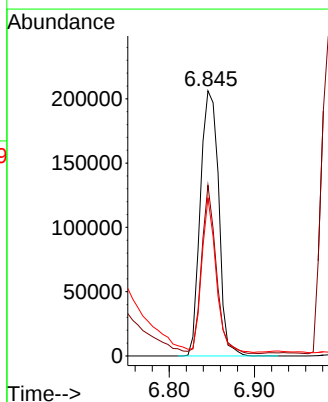
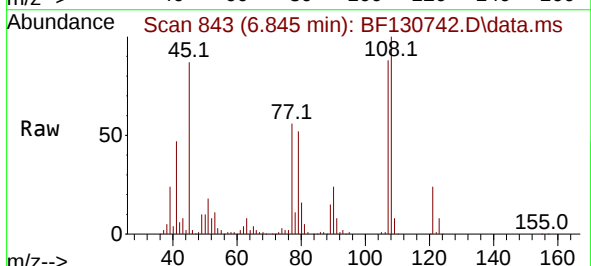
Manual Integrations
APPROVED

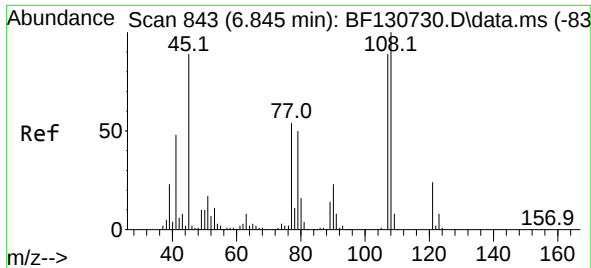
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.393 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 45 Resp: 307101
Ion Ratio Lower Upper
45 100
77 64.4 17.7 57.7#
79 59.6 13.8 53.8#





#17
2-Methylphenol
Concen: 36.205 ng
RT: 6.845 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

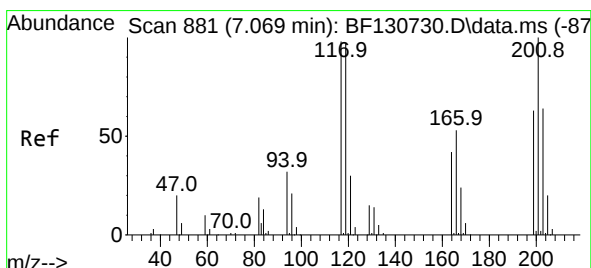
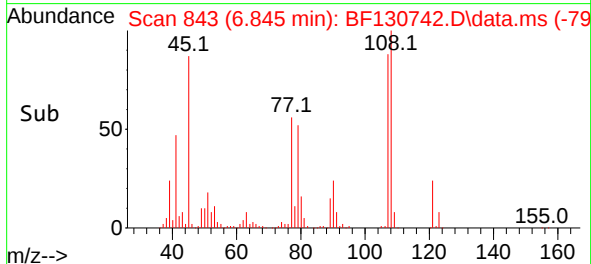
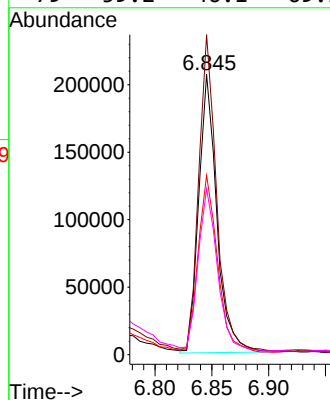
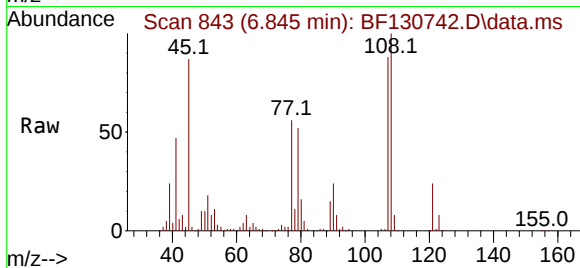
PB148386BS

Tgt Ion:107 Resp: 228835
Ion Ratio Lower Upper
107 100
108 114.2 90.4 135.6
77 64.0 48.9 73.3
79 59.2 46.1 69.1

Manual Integrations

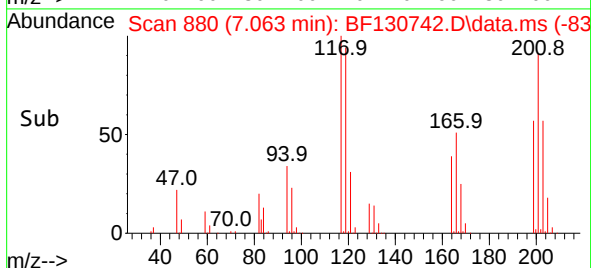
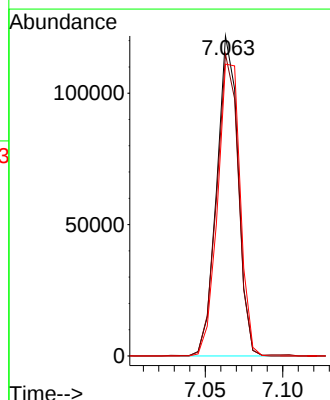
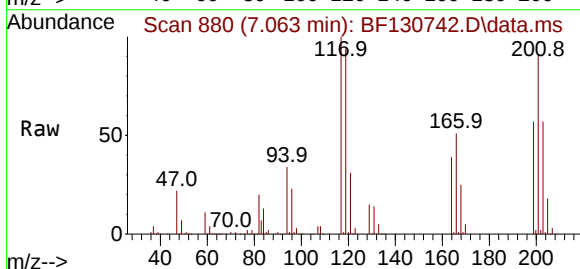
APPROVED

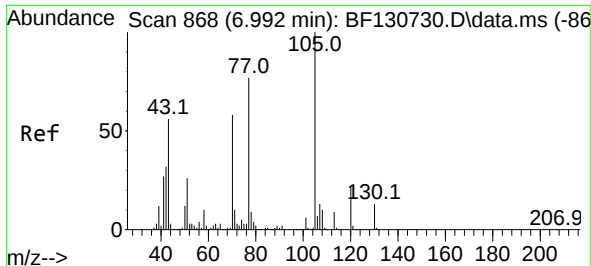
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#18
Hexachloroethane
Concen: 36.373 ng
RT: 7.063 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:117 Resp: 116619
Ion Ratio Lower Upper
117 100
119 94.3 79.1 118.7
201 91.2 81.5 122.3





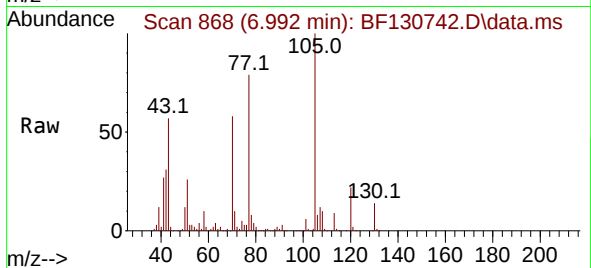
#19
n-Nitroso-di-n-propylamine
Concen: 35.657 ng
RT: 6.992 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

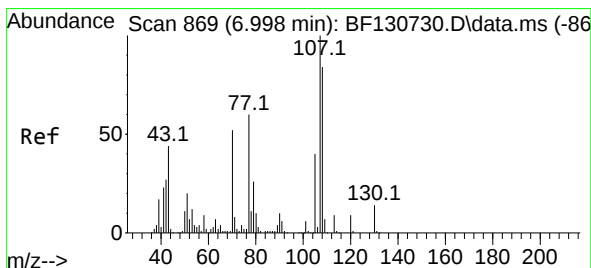
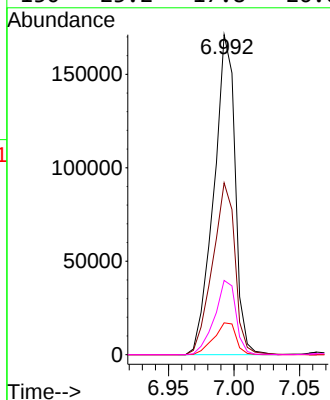
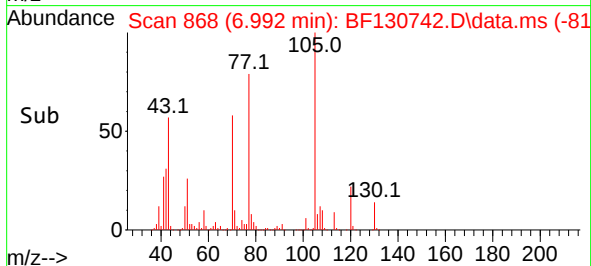


Tgt Ion: 70 Resp: 19356
Ion Ratio Lower Upper
70 100
42 53.7 44.1 66.1
101 10.0 8.3 12.5
130 23.2 17.8 26.6

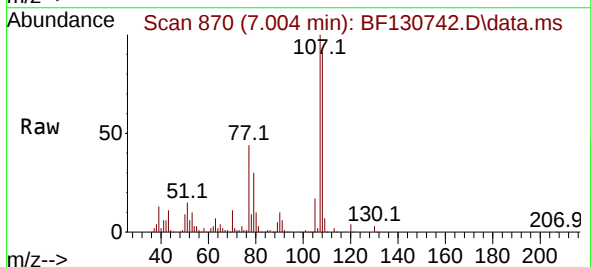
Manual Integrations

APPROVED

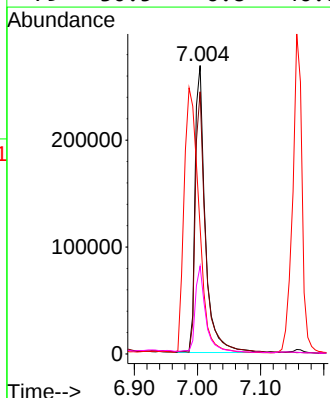
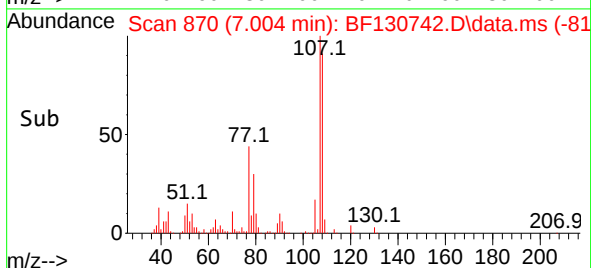
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

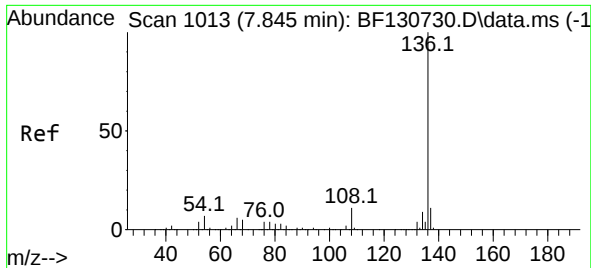


#20
3+4-Methylphenols
Concen: 36.561 ng
RT: 7.004 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:107 Resp: 302880
Ion Ratio Lower Upper
107 100
108 90.9 64.3 104.3
77 43.8 47.7 87.7#
79 30.5 6.8 46.8





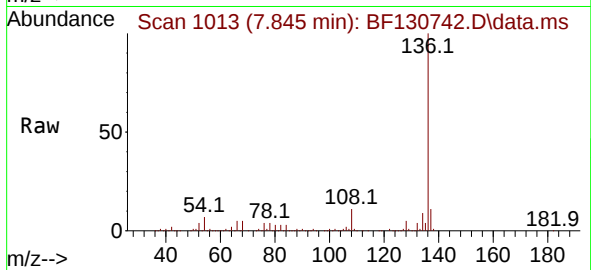
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

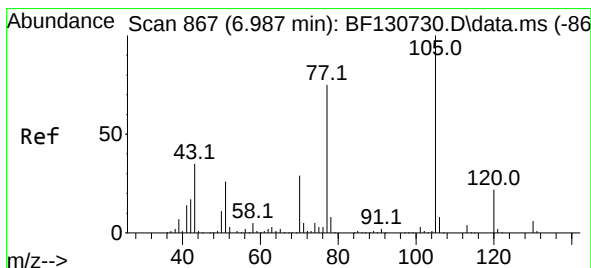
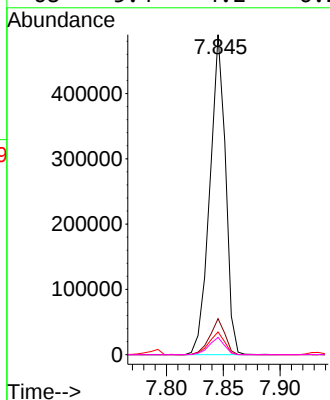
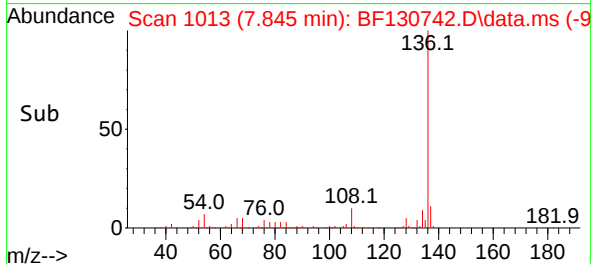


Tgt Ion:136 Resp: 469710
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.1 5.8 8.8
68 5.4 4.2 6.2

Manual Integrations

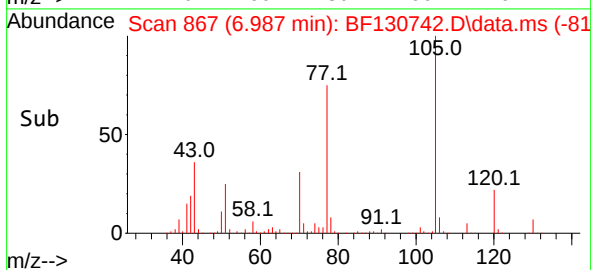
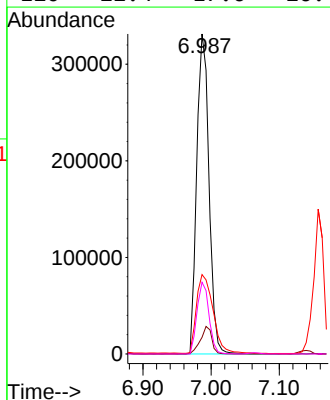
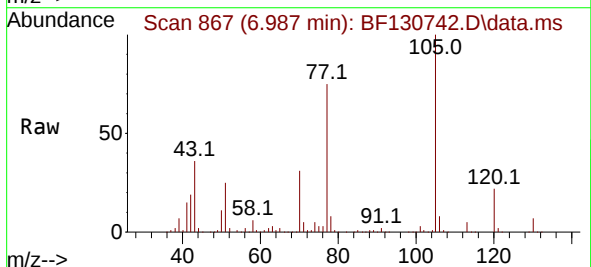
APPROVED

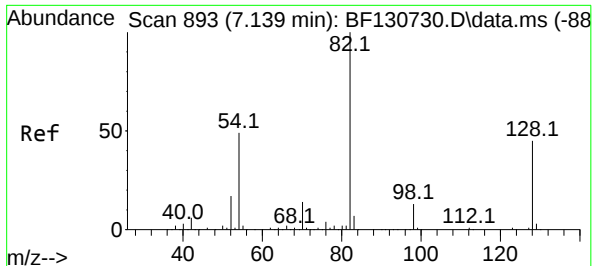
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#22
Acetophenone
Concen: 36.129 ng
RT: 6.987 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

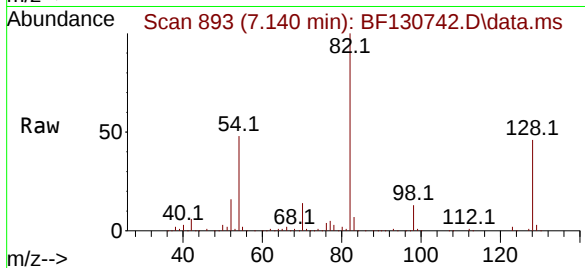
Tgt Ion:105 Resp: 413980
Ion Ratio Lower Upper
105 100
71 5.2 3.9 5.9
51 24.8 21.0 31.4
120 22.4 17.6 26.4





#23
Nitrobenzene-d5
Concen: 66.778 ng
RT: 7.140 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

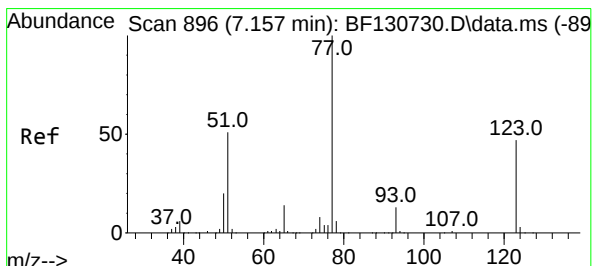
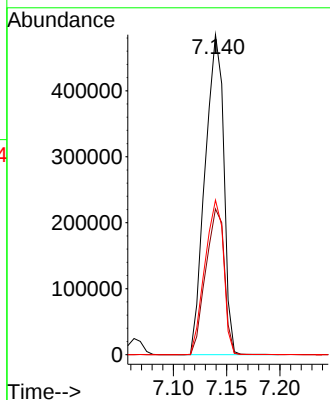
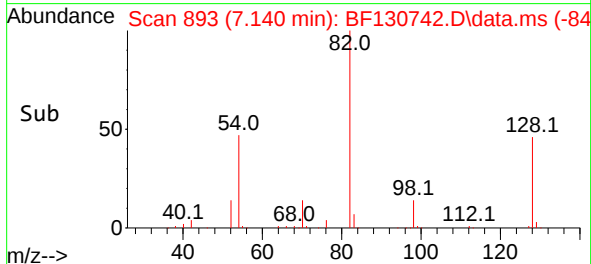
Instrument :
BNA_F
ClientSampleId :
PB148386BS



Tgt Ion: 82 Resp: 59128
Ion Ratio Lower Upper
82 100
128 45.5 35.9 53.9
54 48.3 39.2 58.8

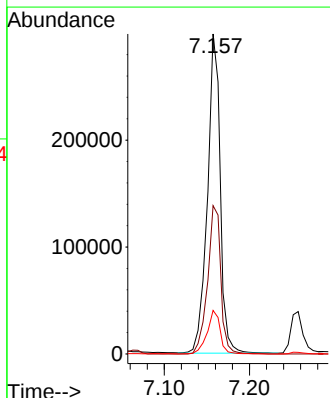
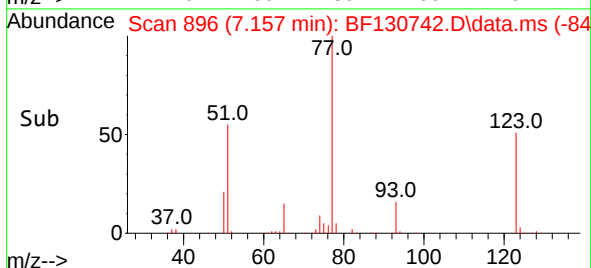
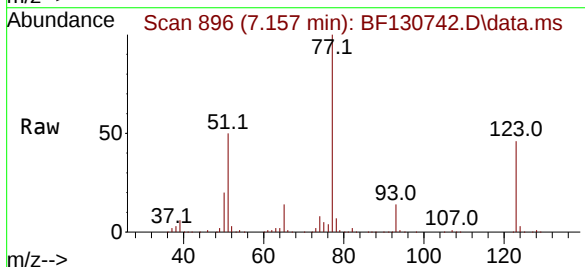
Manual Integrations
APPROVED

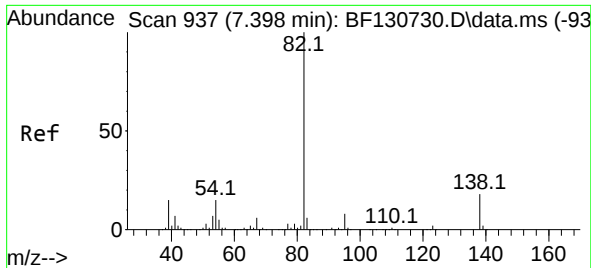
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#24
Nitrobenzene
Concen: 34.603 ng
RT: 7.157 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 77 Resp: 311680
Ion Ratio Lower Upper
77 100
123 46.4 37.3 55.9
65 13.6 11.1 16.7





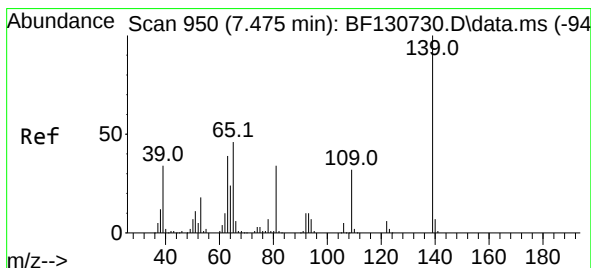
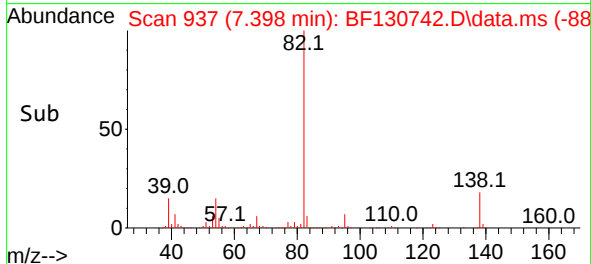
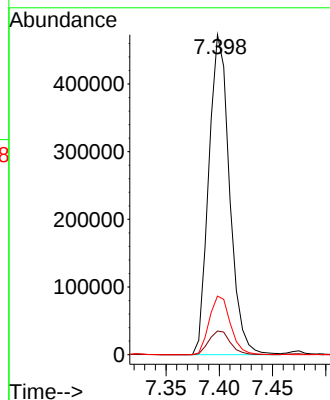
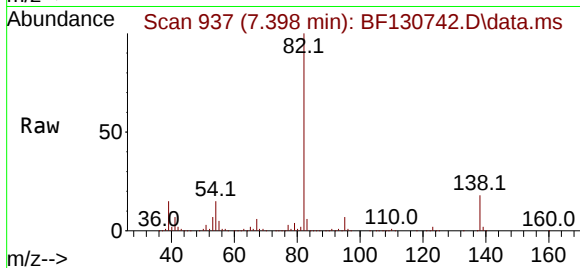
#25
Isophorone
Concen: 43.968 ng
RT: 7.398 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion: 82 Resp: 641448
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 18.3 14.6 21.8

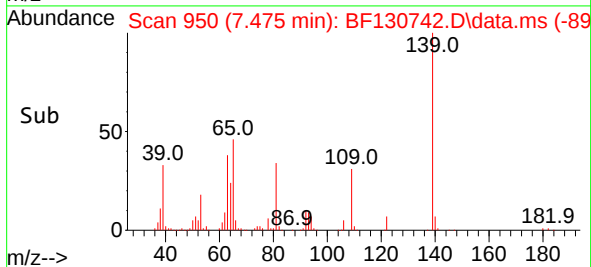
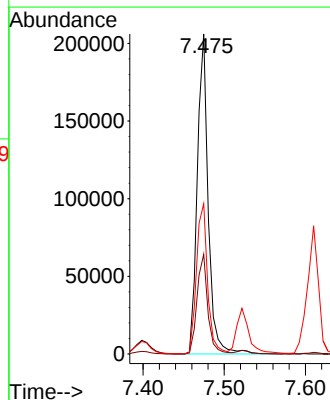
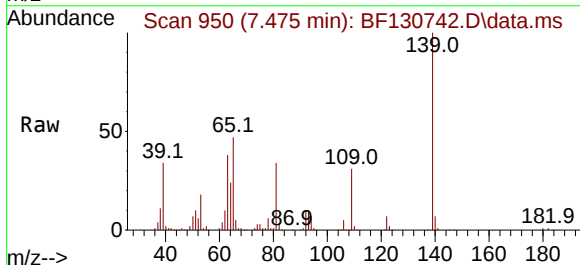
Manual Integrations
APPROVED

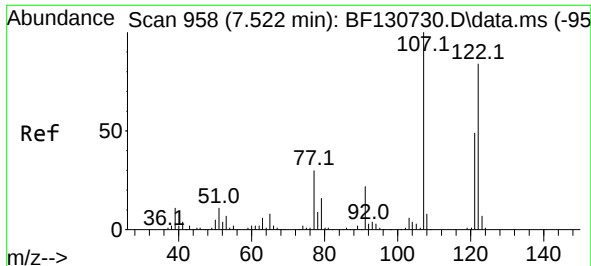
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#26
2-Nitrophenol
Concen: 42.808 ng
RT: 7.475 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:139 Resp: 193325
Ion Ratio Lower Upper
139 100
109 31.2 25.4 38.2
65 46.9 36.6 54.8





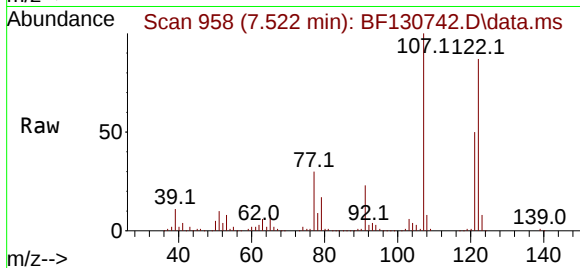
#27
2,4-Dimethylphenol
Concen: 50.389 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

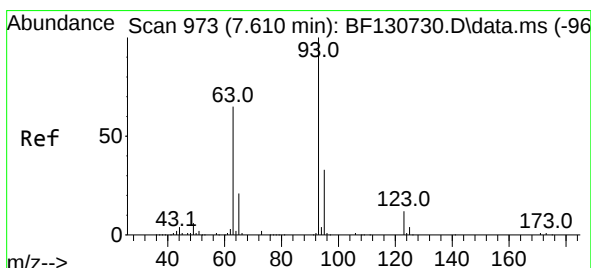
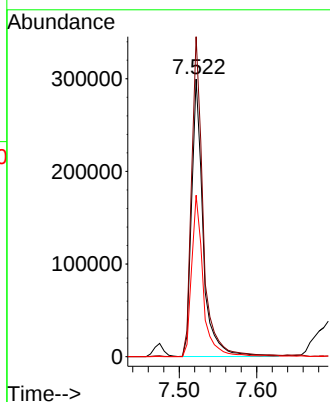
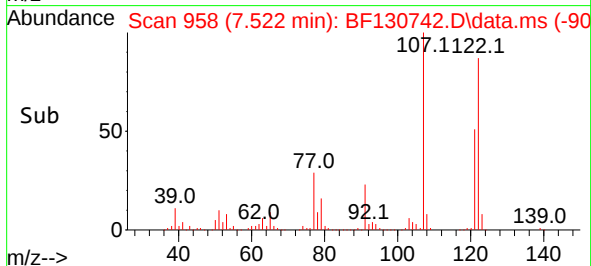
PB148386BS



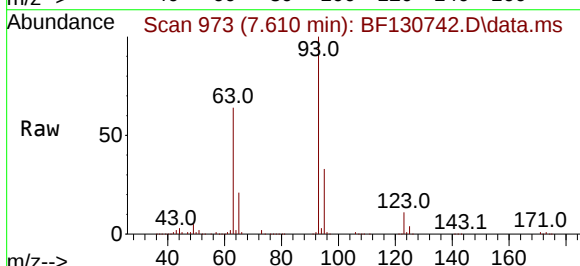
Tgt Ion:122 Resp: 30789
Ion Ratio Lower Upper
122 100
107 115.2 95.4 143.0
121 58.1 47.1 70.7

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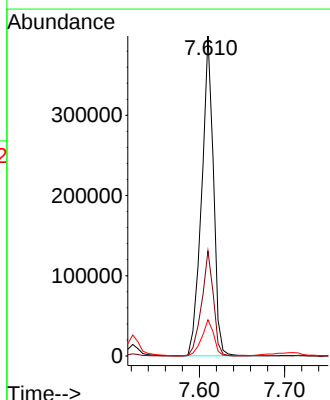
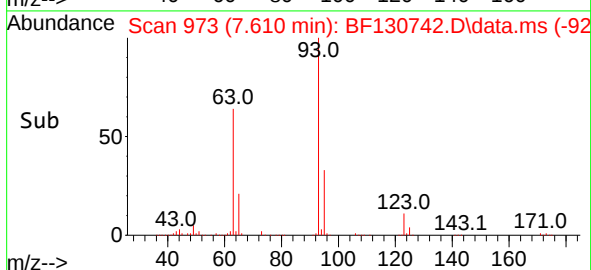
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

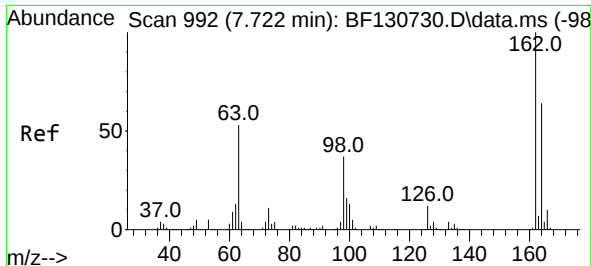


#28
bis(2-Chloroethoxy)methane
Concen: 45.241 ng
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion: 93 Resp: 382321
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 39.259 ng

RT: 7.722 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF130742.D

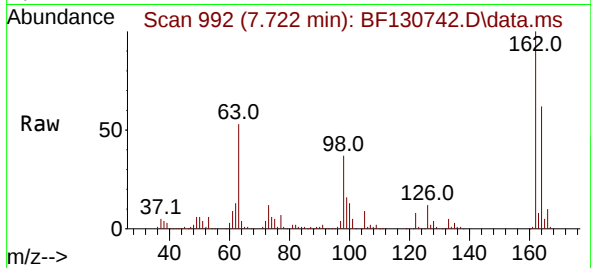
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

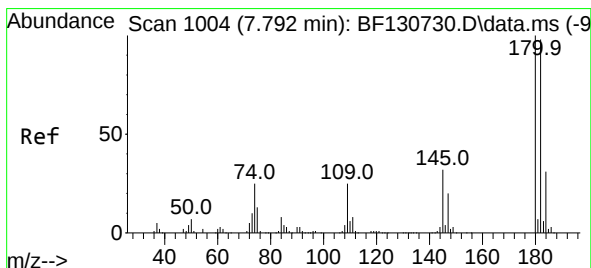
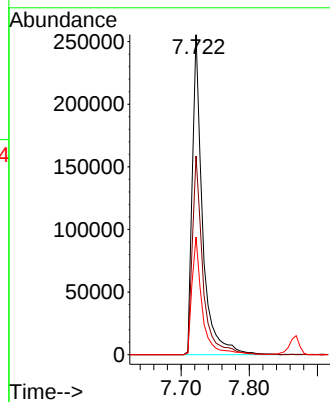
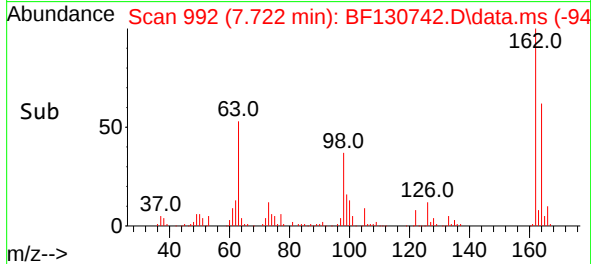


Tgt Ion:162	Resp: 264510
Ion Ratio	Lower Upper
162 100	
164 62.0	44.1 84.1
98 36.8	16.7 56.7

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

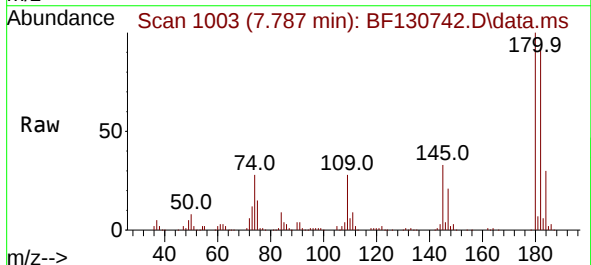
Concen: 39.703 ng

RT: 7.787 min Scan# 1003

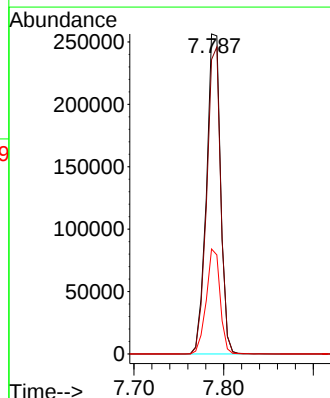
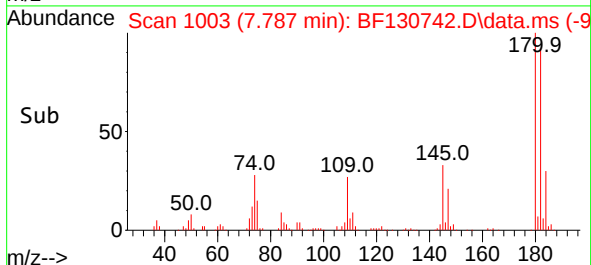
Delta R.T. -0.006 min

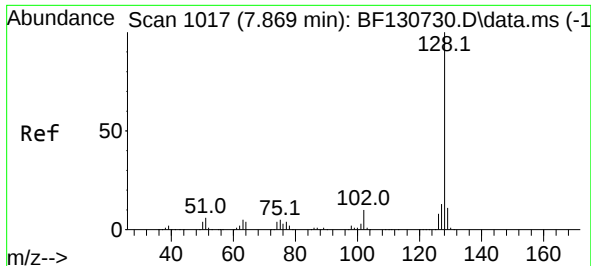
Lab File: BF130742.D

Acq: 21 Oct 2022 13:36



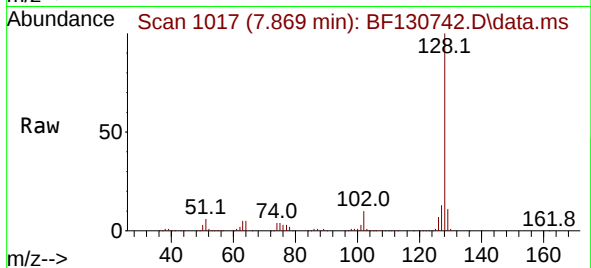
Tgt Ion:180	Resp: 280919
Ion Ratio	Lower Upper
180 100	
182 92.0	78.2 117.2
145 32.8	25.9 38.9





#31
Naphthalene
Concen: 41.090 ng
RT: 7.869 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

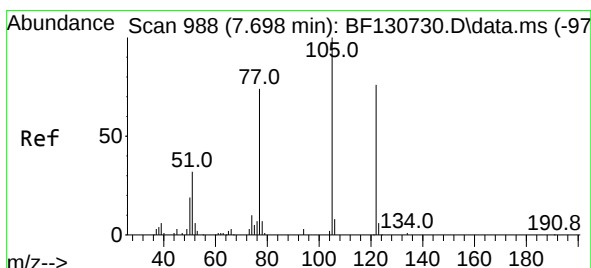
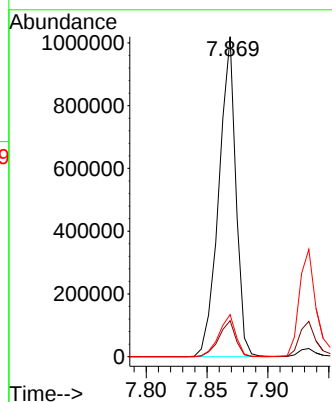
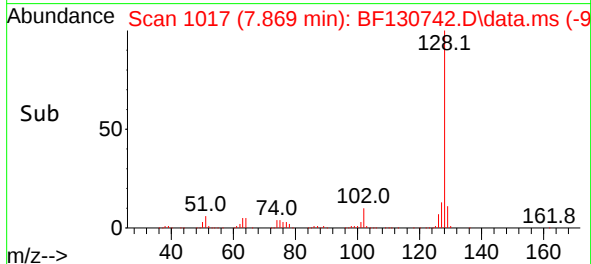
Instrument :
BNA_F
ClientSampleId :
PB148386BS



Tgt Ion:128 Resp: 995152
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 16.0

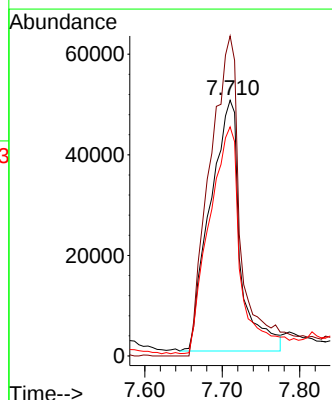
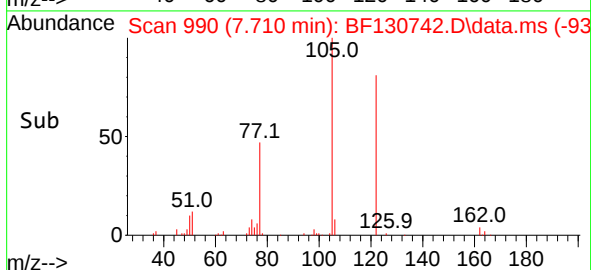
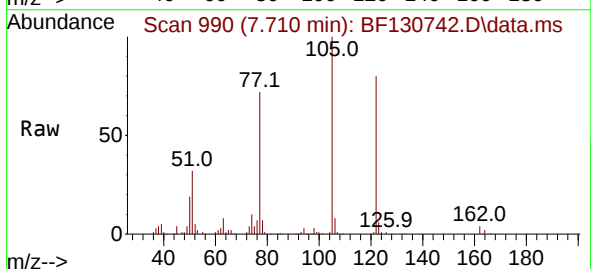
Manual Integrations
APPROVED

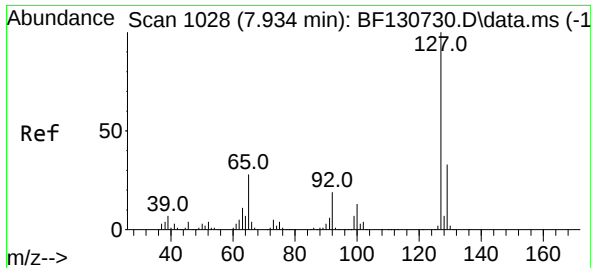
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#32
Benzoic acid
Concen: 39.684 ng
RT: 7.710 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:122 Resp: 136153
Ion Ratio Lower Upper
122 100
105 125.2 109.2 149.2
77 89.6 75.7 115.7





#33
4-Chloroaniline
Concen: 38.013 ng
RT: 7.934 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

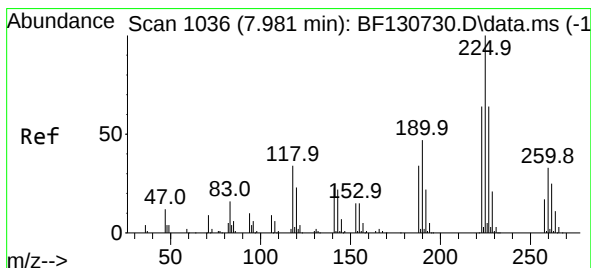
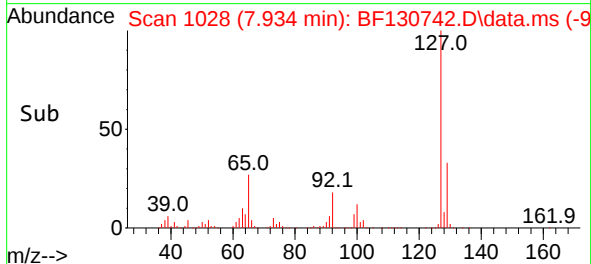
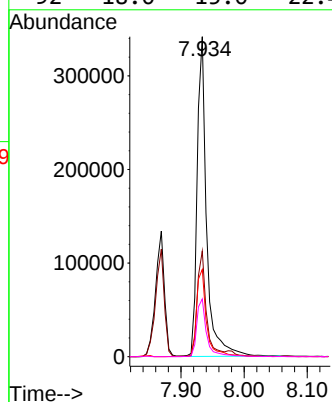
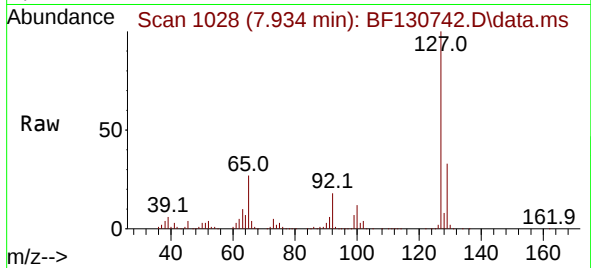
PB148386BS

Tgt Ion:127 Resp: 35419
Ion Ratio Lower Upper
127 100
129 33.0 26.2 39.4
65 27.3 22.6 33.8
92 18.0 15.0 22.4

Manual Integrations

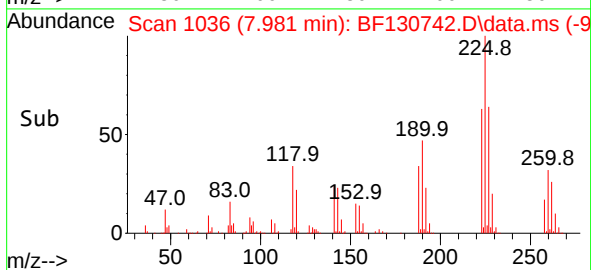
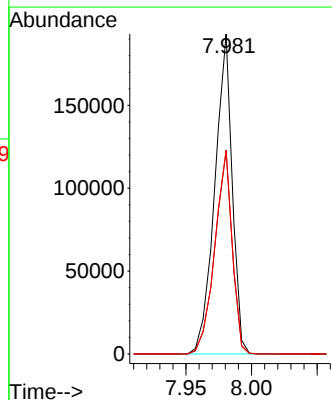
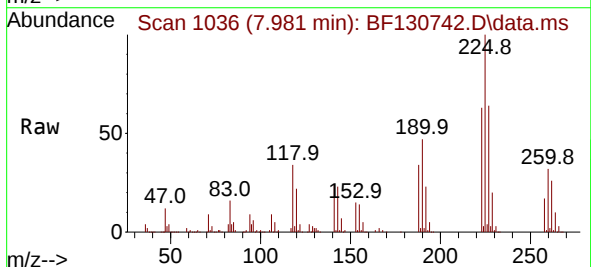
APPROVED

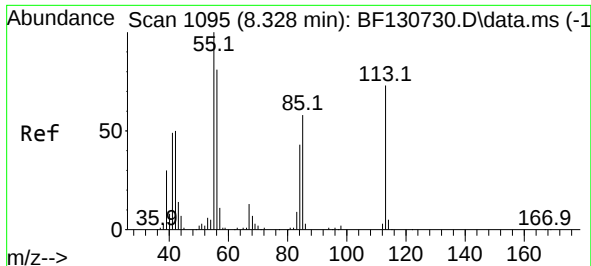
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#34
Hexachlorobutadiene
Concen: 39.604 ng
RT: 7.981 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

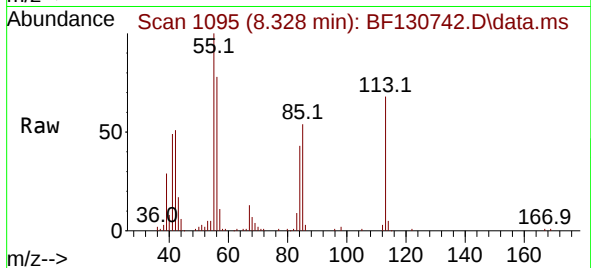
Tgt Ion:225 Resp: 178158
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.6
227 63.8 51.3 76.9





#35
 Caprolactam
 Concen: 44.208 ng m
 RT: 8.328 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36

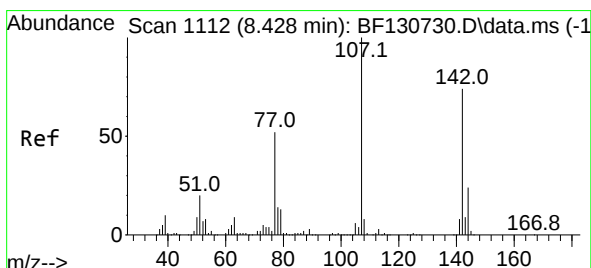
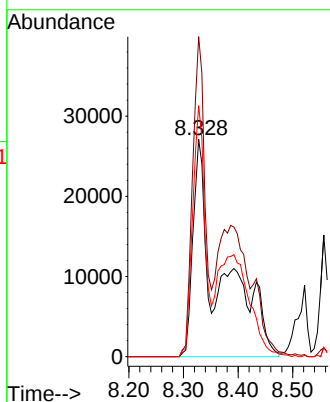
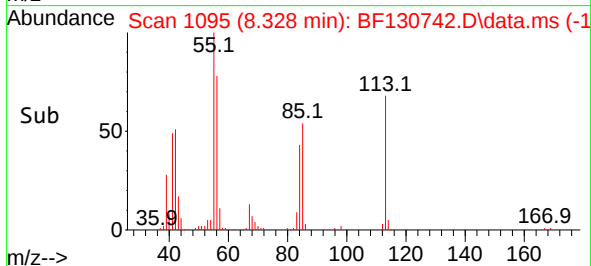
Instrument :
 BNA_F
 ClientSampleId :
 PB148386BS



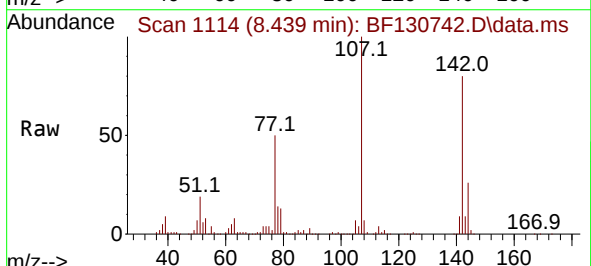
Tgt Ion:113 Resp: 9309
 Ion Ratio Lower Upper
 113 100
 55 147.3 116.4 156.4
 56 115.5 91.0 131.0

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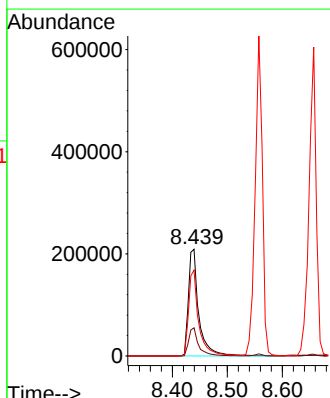
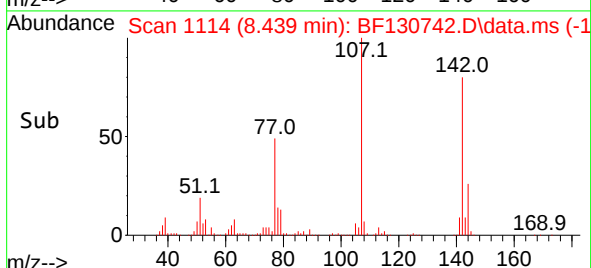
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

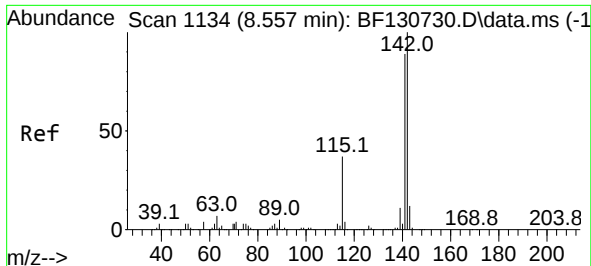


#36
 4-Chloro-3-methylphenol
 Concen: 37.780 ng
 RT: 8.439 min Scan# 1114
 Delta R.T. 0.012 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36



Tgt Ion:107 Resp: 275111
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.0 28.4
 142 80.3 59.6 89.4





#37

2-Methylnaphthalene

Concen: 35.841 ng

RT: 8.557 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

Tgt Ion:142 Resp: 568730

Ion Ratio Lower Upper

142 100

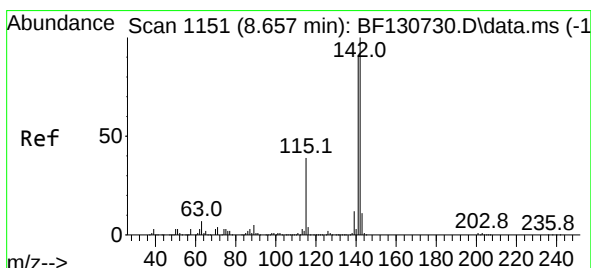
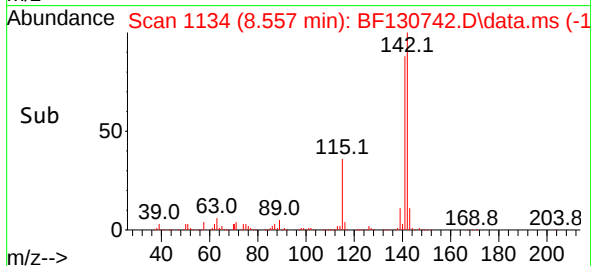
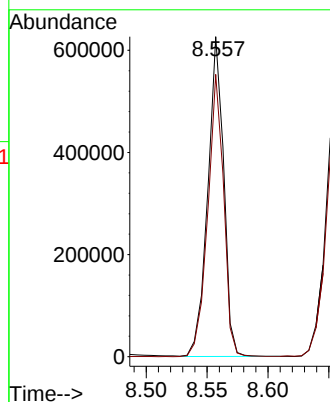
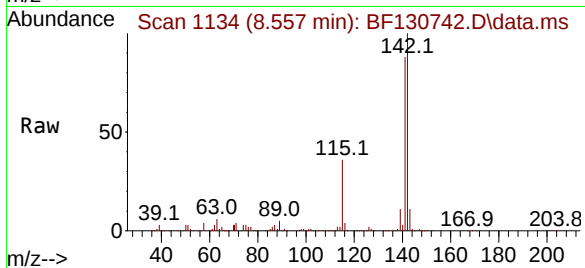
141 88.2 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#38

1-Methylnaphthalene

Concen: 34.989 ng

RT: 8.657 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130742.D

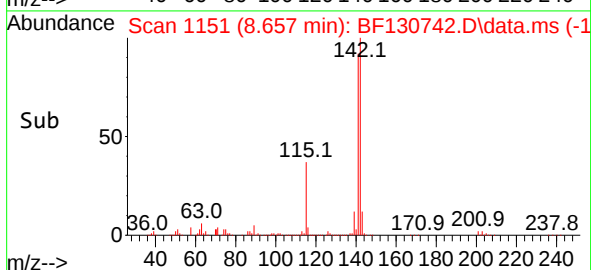
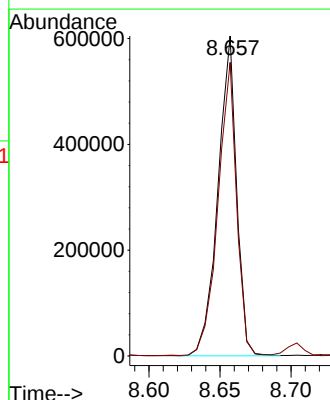
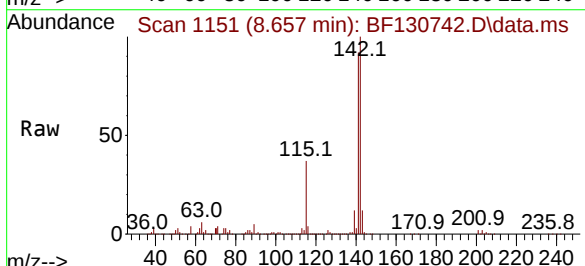
Acq: 21 Oct 2022 13:36

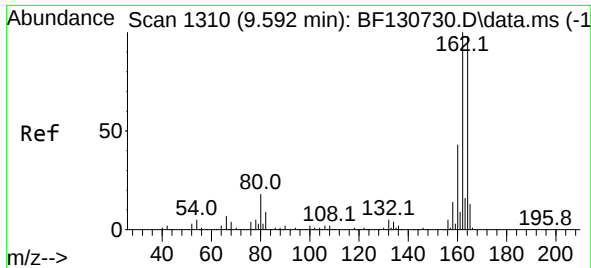
Tgt Ion:142 Resp: 550479

Ion Ratio Lower Upper

142 100

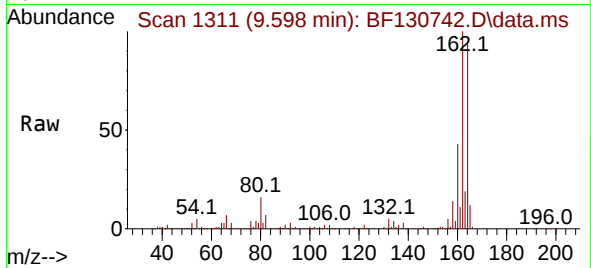
141 91.8 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

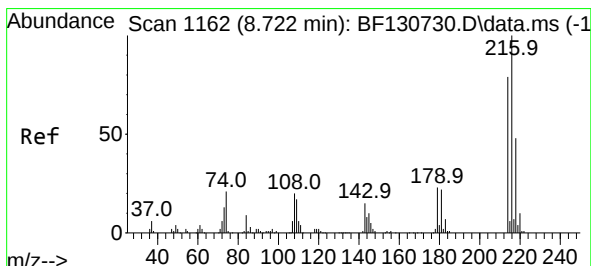
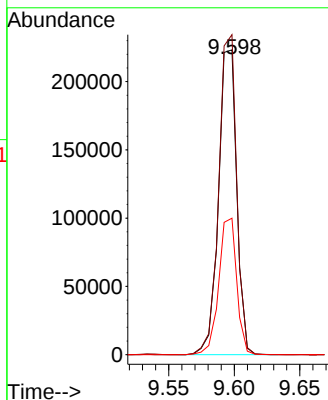
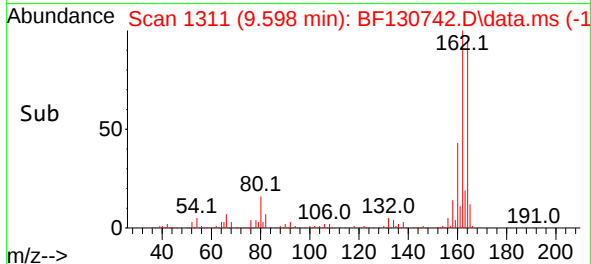
Instrument :
BNA_F
ClientSampleId :
PB148386BS



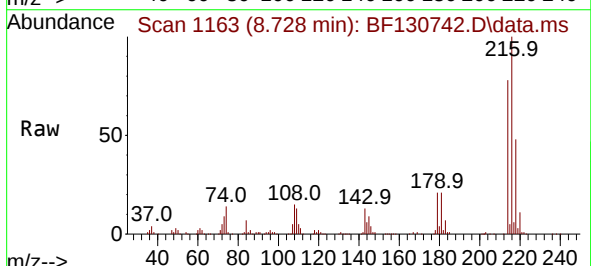
Tgt Ion:164 Resp: 215408
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 44.8 35.0 52.4

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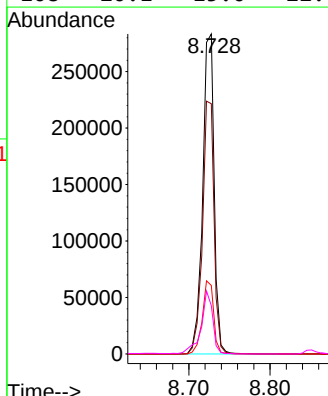
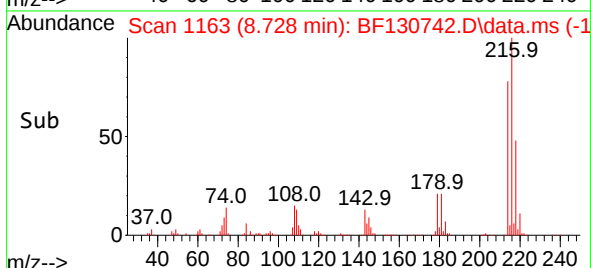
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

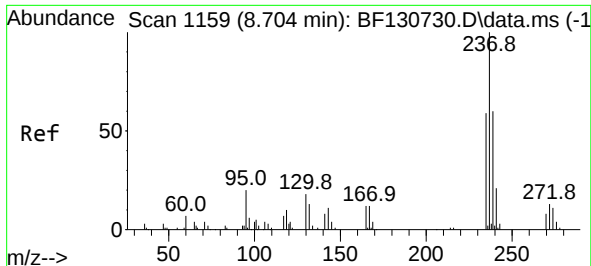


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.516 ng
RT: 8.728 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



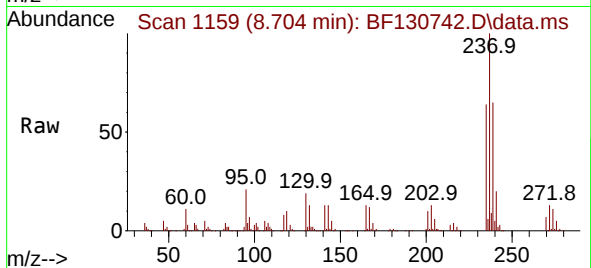
Tgt Ion:216 Resp: 277308
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.4
179 22.5 18.1 27.1
108 20.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 109.805 ng
RT: 8.704 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

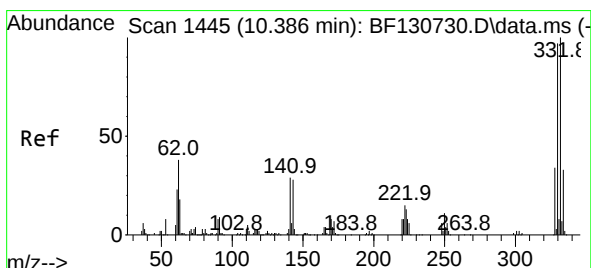
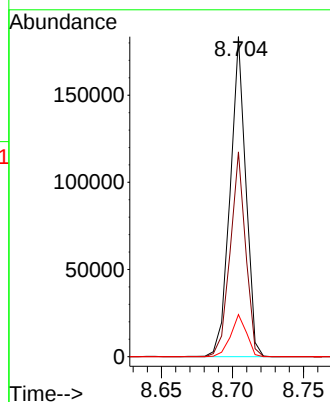
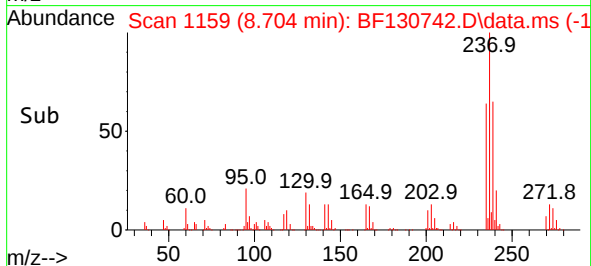
Instrument :
BNA_F
ClientSampleId :
PB148386BS



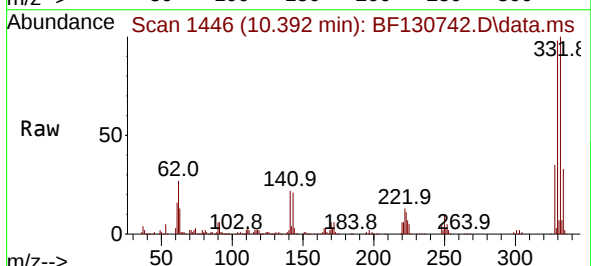
Tgt Ion:237 Resp: 14041
Ion Ratio Lower Upper
237 100
235 64.0 38.9 78.9
272 13.1 0.0 33.1

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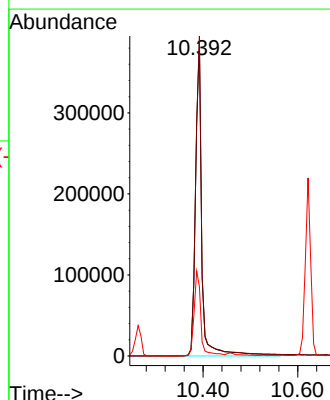
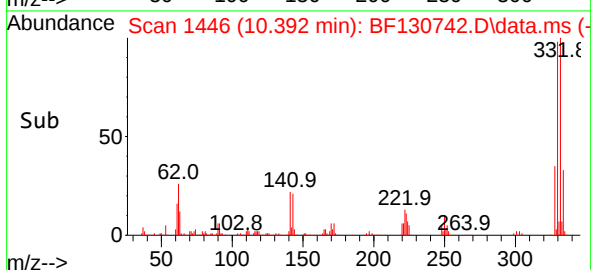
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

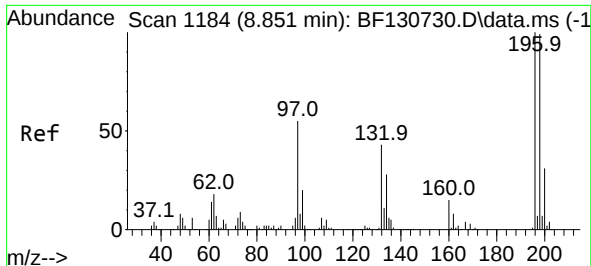


#42
2,4,6-Tribromophenol
Concen: 175.215 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:330 Resp: 358924
Ion Ratio Lower Upper
330 100
332 101.3 81.4 122.2
141 28.8 24.6 37.0





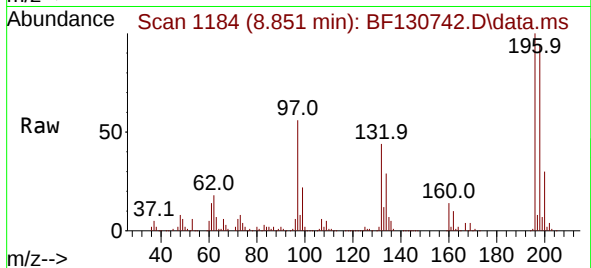
#43
2,4,6-Trichlorophenol
Concen: 51.874 ng
RT: 8.851 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

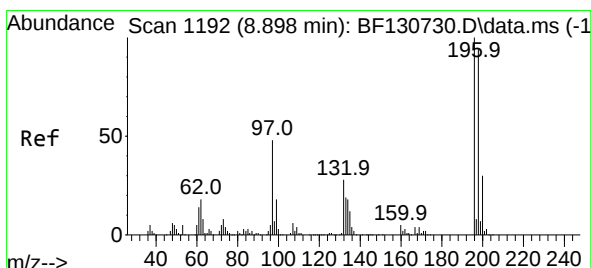
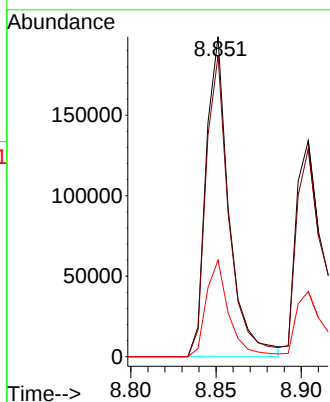
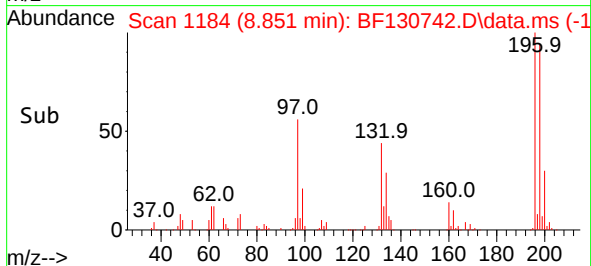


Tgt Ion:196 Resp: 186610
Ion Ratio Lower Upper
196 100
198 94.2 78.9 118.3
200 30.1 25.0 37.4

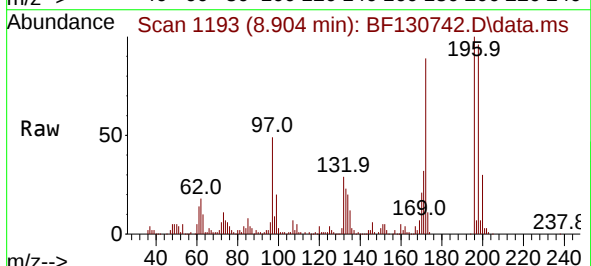
Manual Integrations

APPROVED

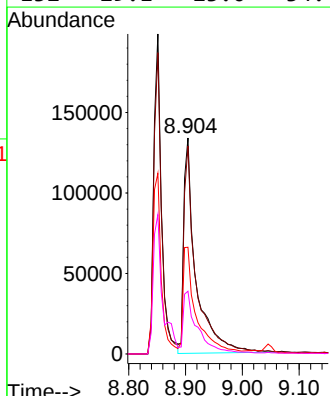
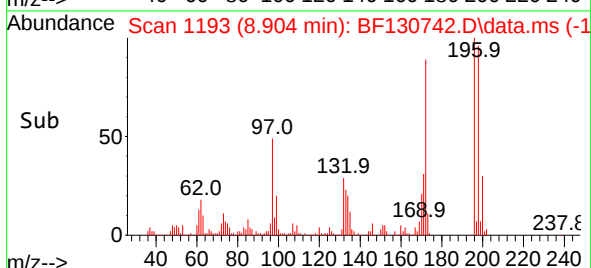
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

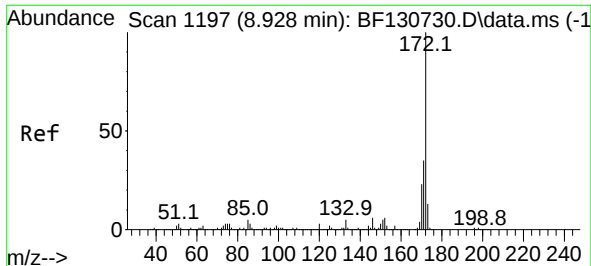


#44
2,4,5-Trichlorophenol
Concen: 51.151 ng
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:196 Resp: 200120
Ion Ratio Lower Upper
196 100
198 96.3 75.1 112.7
97 49.4 38.7 58.1
132 29.1 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 93.360 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

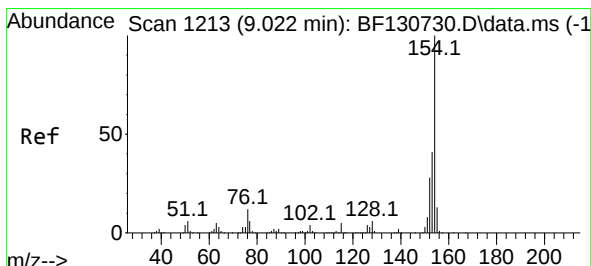
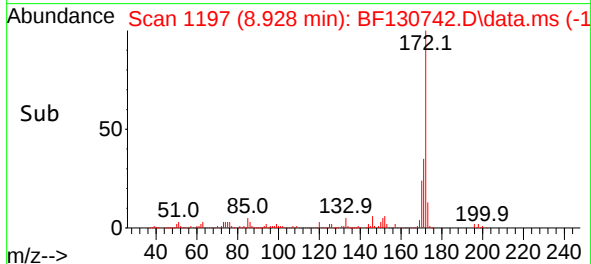
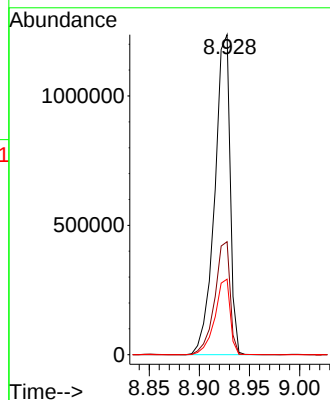
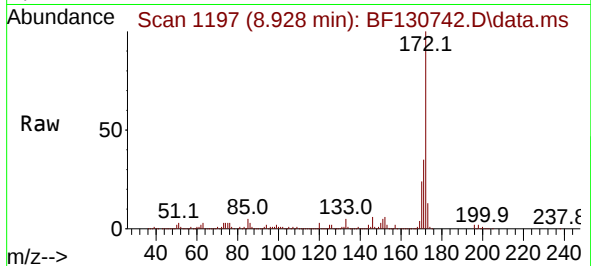
PB148386BS

Tgt Ion:172 Resp: 131961
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.5 27.7

Manual Integrations

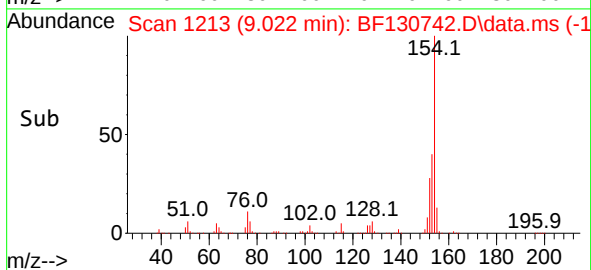
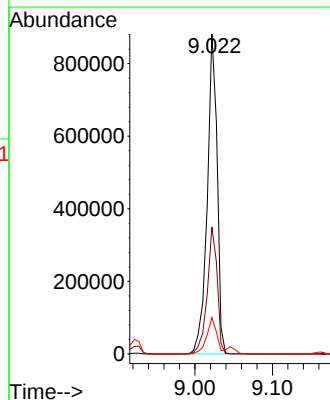
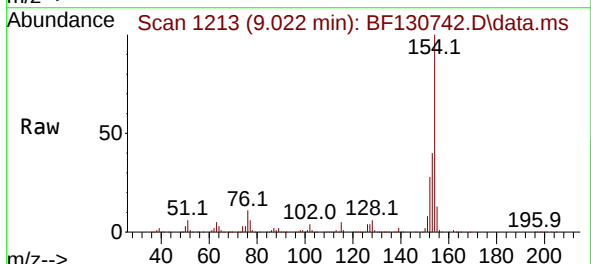
APPROVED

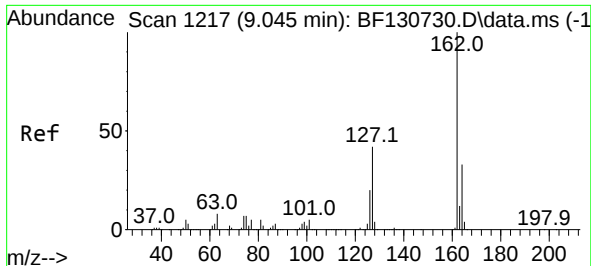
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#46
1,1'-Biphenyl
Concen: 52.071 ng
RT: 9.022 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:154 Resp: 782324
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 11.4 0.0 31.7





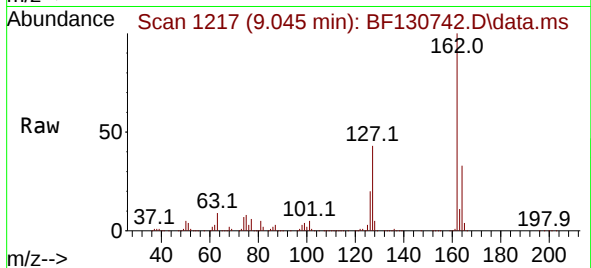
#47
2-Chloronaphthalene
Concen: 45.528 ng
RT: 9.045 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

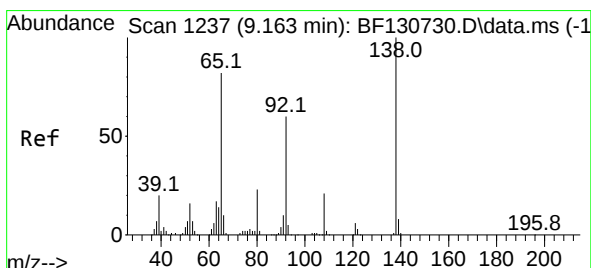
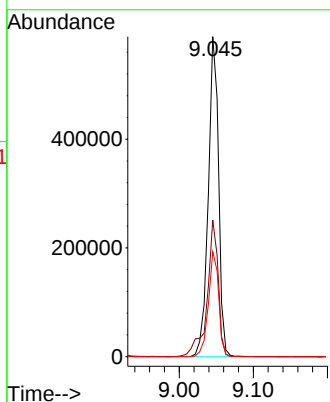
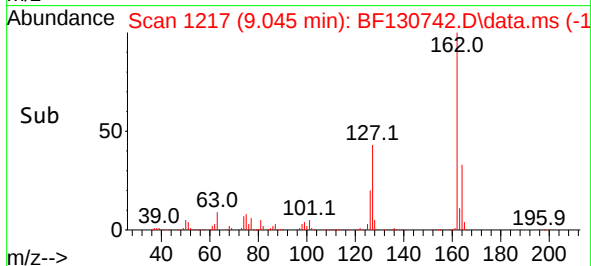


Tgt Ion:162 Resp: 568838
Ion Ratio Lower Upper
162 100
127 42.7 34.0 51.0
164 32.8 26.5 39.7

Manual Integrations

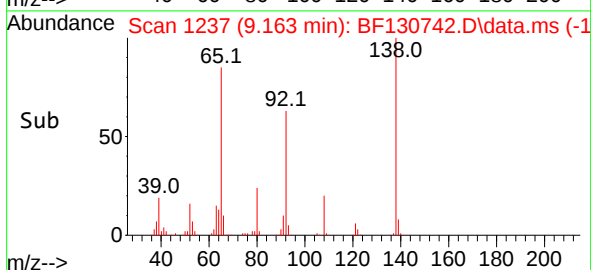
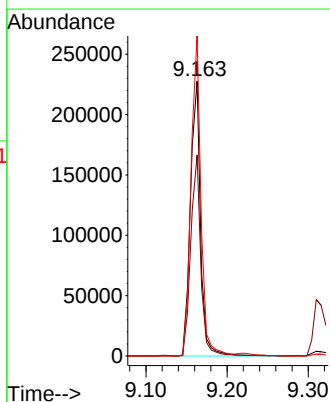
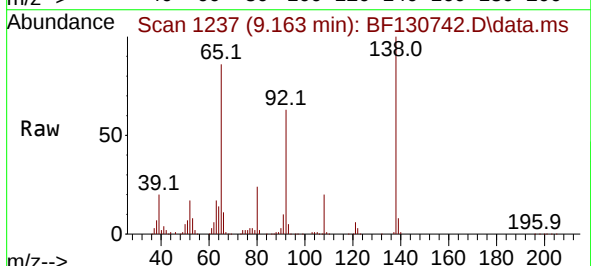
APPROVED

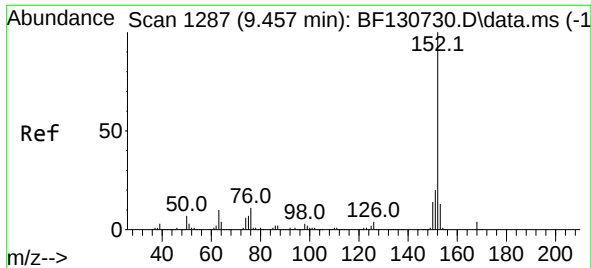
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#48
2-Nitroaniline
Concen: 51.809 ng
RT: 9.163 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion: 65 Resp: 198685
Ion Ratio Lower Upper
65 100
92 73.1 58.6 88.0
138 116.5 97.0 145.6





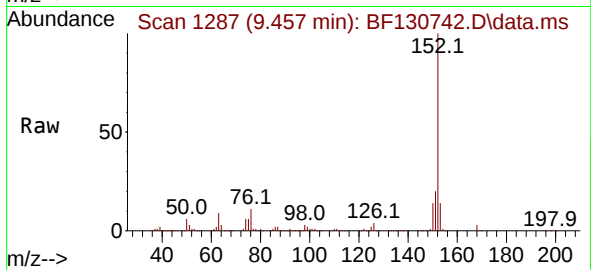
#49
Acenaphthylene
Concen: 43.842 ng
RT: 9.457 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

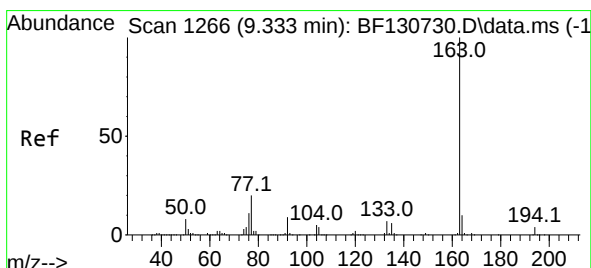
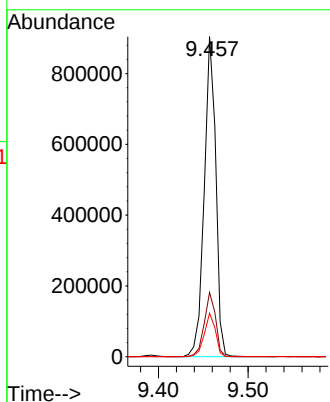
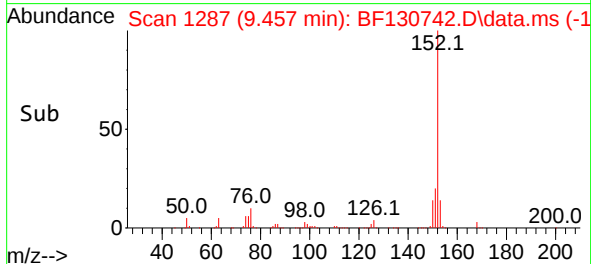


Tgt Ion:152 Resp: 807109
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.5 15.7

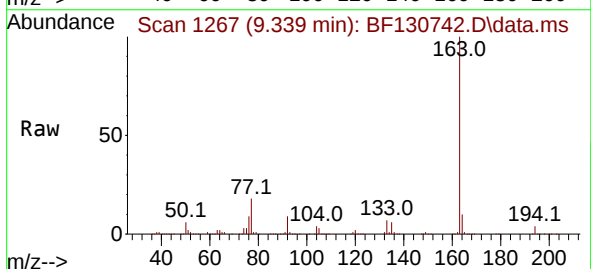
Manual Integrations

APPROVED

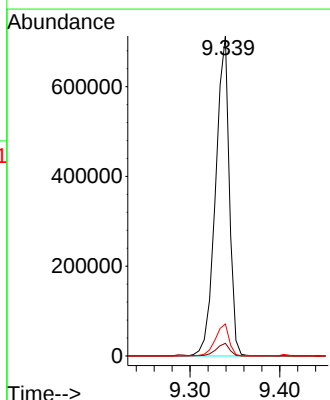
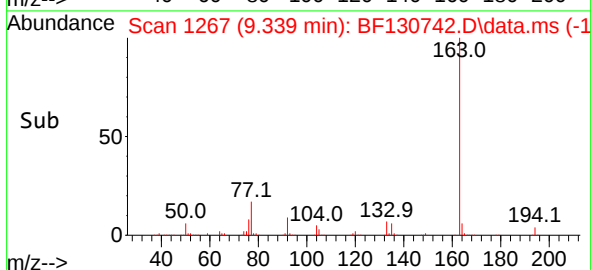
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

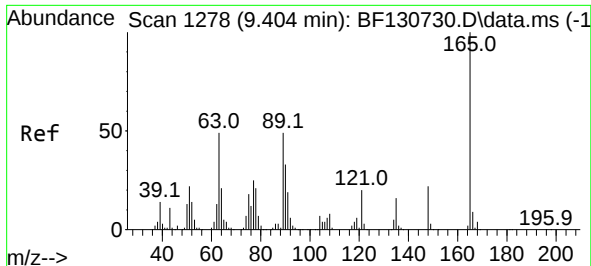


#50
Dimethylphthalate
Concen: 52.185 ng
RT: 9.339 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



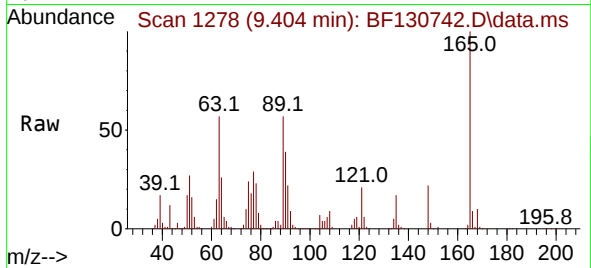
Tgt Ion:163 Resp: 756094
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.281 ng
RT: 9.404 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

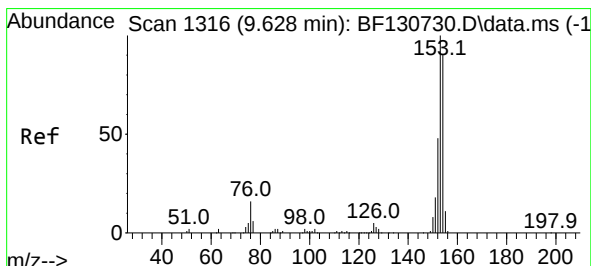
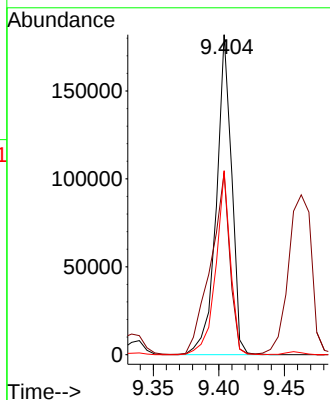
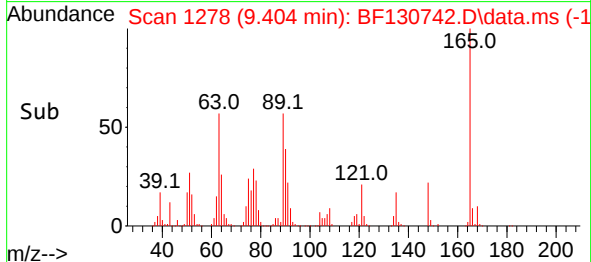
Instrument :
BNA_F
ClientSampleId :
PB148386BS



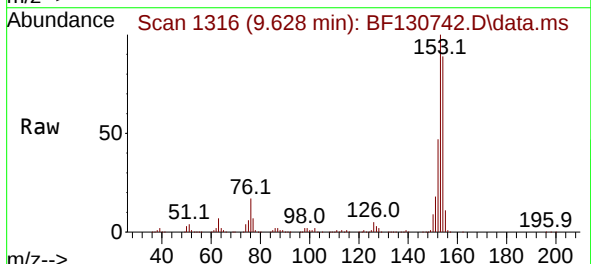
Tgt Ion:165 Resp: 146919
Ion Ratio Lower Upper
165 100
63 56.9 38.8 58.2
89 57.5 39.4 59.2

Manual Integrations
APPROVED

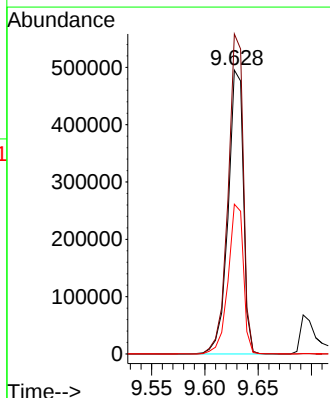
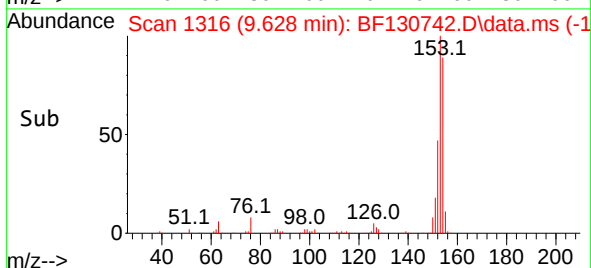
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

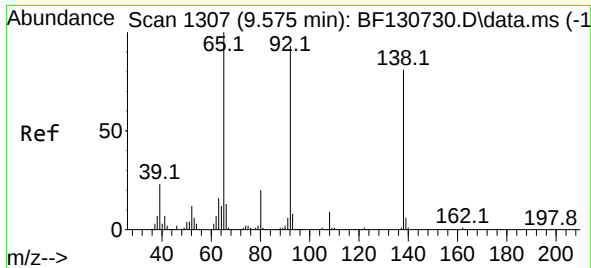


#52
Acenaphthene
Concen: 42.999 ng
RT: 9.628 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:154 Resp: 492020
Ion Ratio Lower Upper
154 100
153 112.8 88.4 132.6
152 52.8 42.0 63.0





#53
3-Nitroaniline
Concen: 35.203 ng
RT: 9.575 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

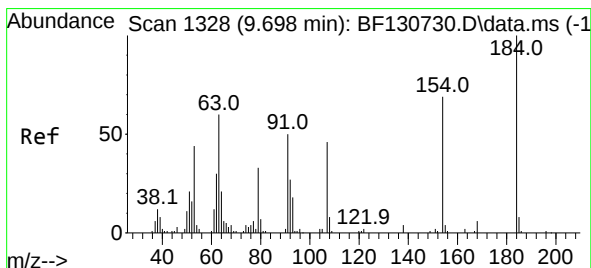
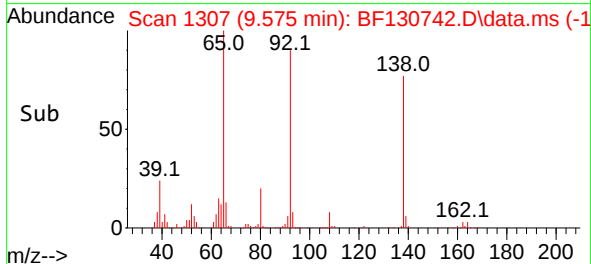
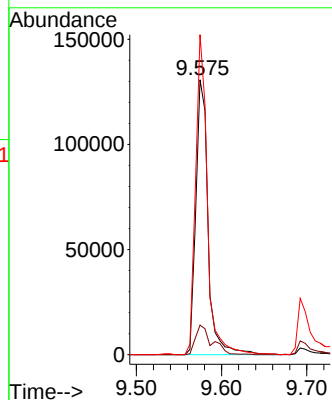
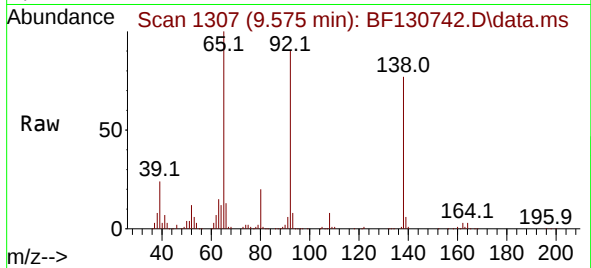
PB148386BS

Tgt Ion:138 Resp: 130149
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 116.4 91.6 137.4

Manual Integrations

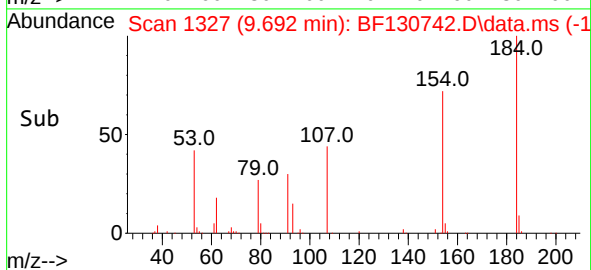
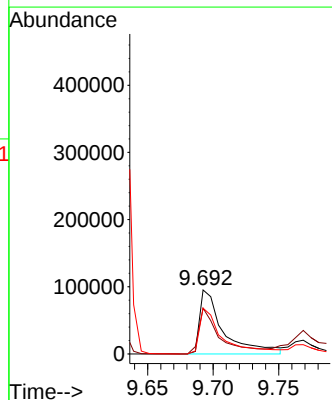
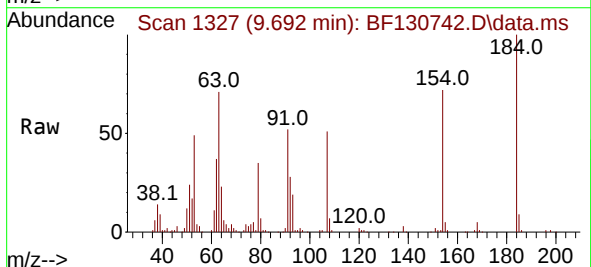
APPROVED

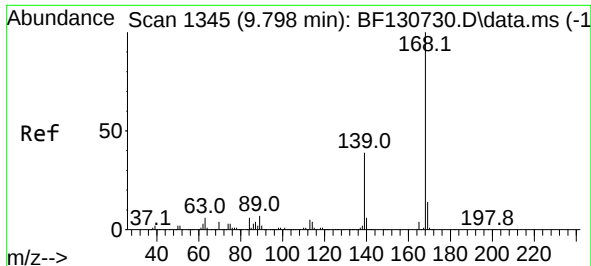
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#54
2,4-Dinitrophenol
Concen: 90.699 ng
RT: 9.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:184 Resp: 120853
Ion Ratio Lower Upper
184 100
63 71.4 47.7 71.5
154 71.5 55.0 82.4





#55
Dibenzenofuran
Concen: 43.468 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

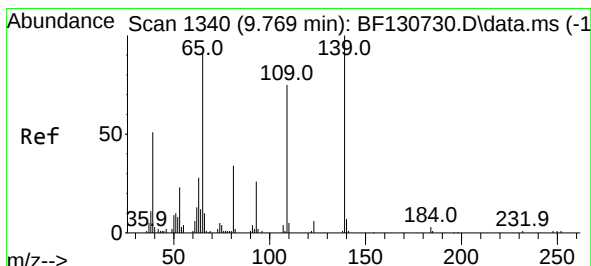
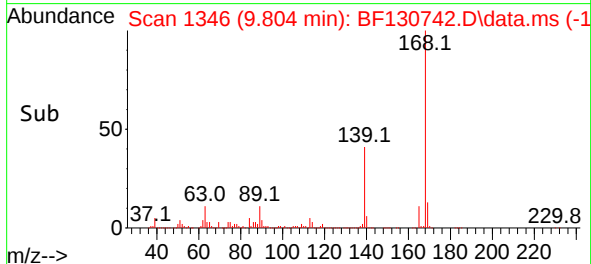
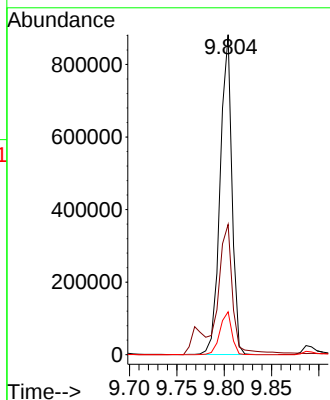
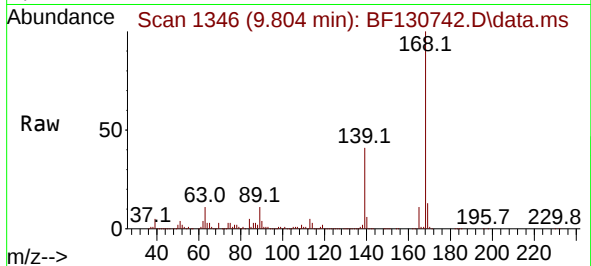
ClientSampleId :

PB148386BS

Tgt Ion:168 Resp: 765589
Ion Ratio Lower Upper
168 100
139 40.7 34.3 51.5
169 13.4 11.0 16.6

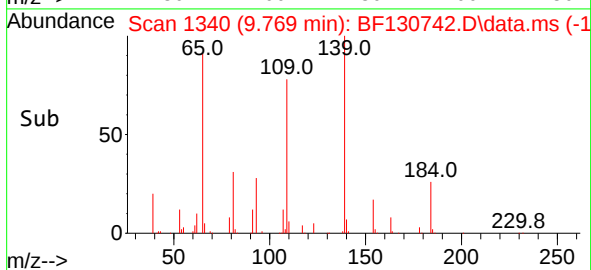
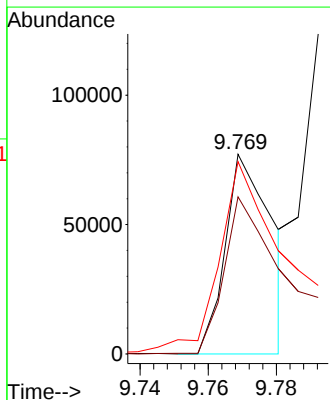
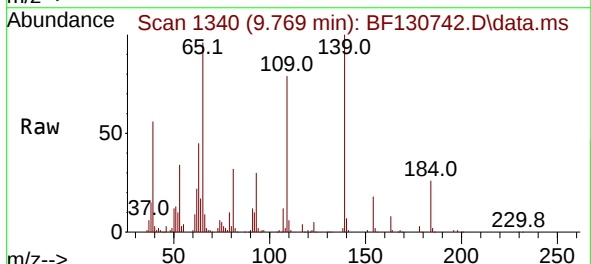
Manual Integrations
APPROVED

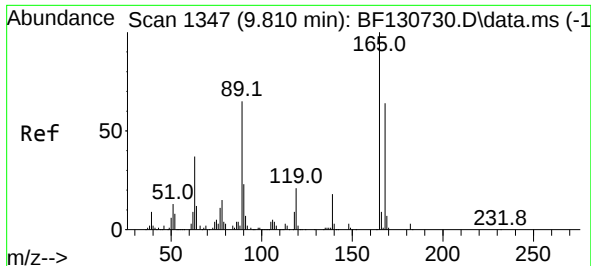
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#56
4-Nitrophenol
Concen: 68.101 ng
RT: 9.769 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:139 Resp: 73670
Ion Ratio Lower Upper
139 100
109 78.7 55.1 95.1
65 96.3 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 46.134 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

Tgt Ion:165 Resp: 201630

Ion Ratio Lower Upper

165 100

63 47.2 32.6 49.0

89 69.9 51.9 77.9

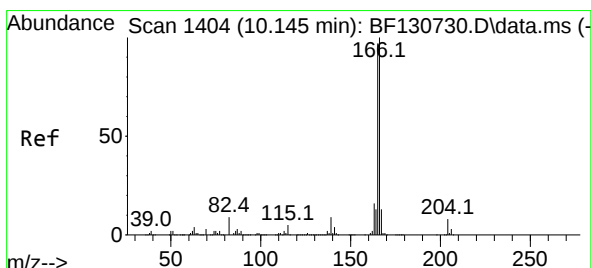
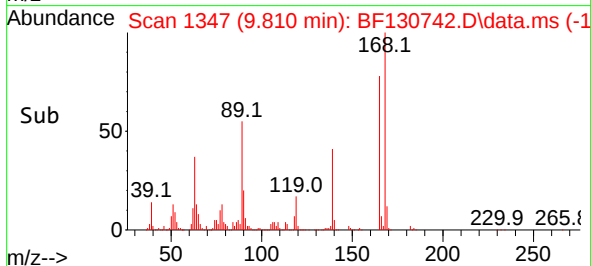
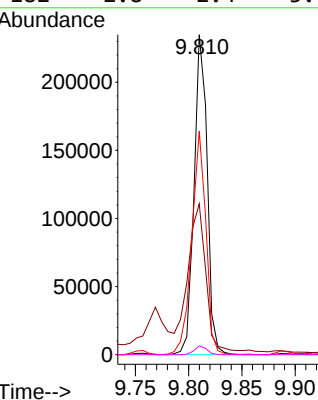
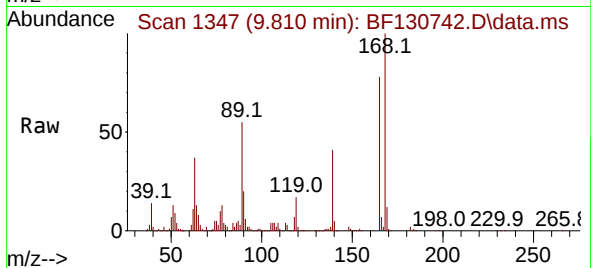
182 2.8 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#58

Fluorene

Concen: 43.704 ng

RT: 10.145 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

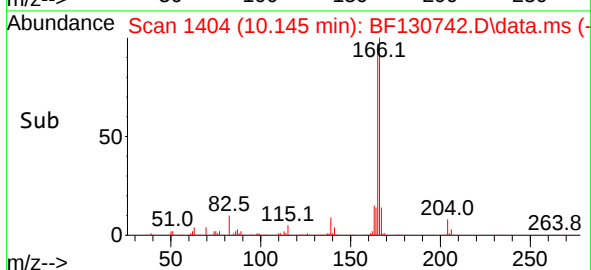
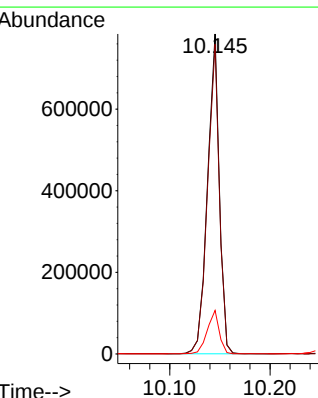
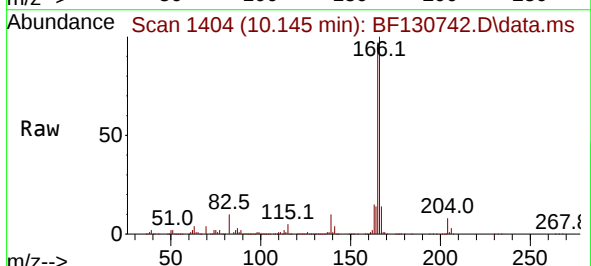
Tgt Ion:166 Resp: 640189

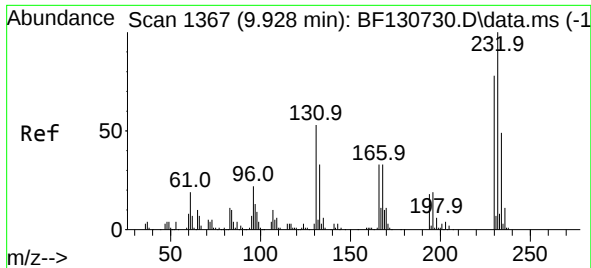
Ion Ratio Lower Upper

166 100

165 96.8 77.6 116.4

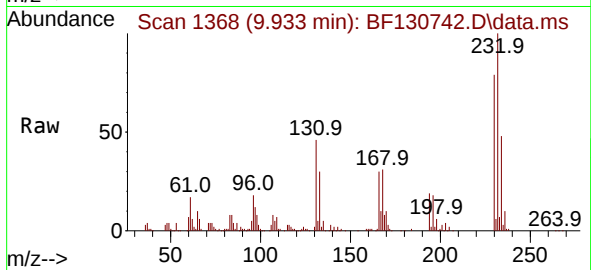
167 13.6 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.864 ng
RT: 9.933 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

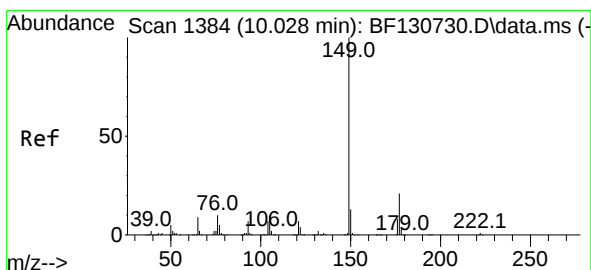
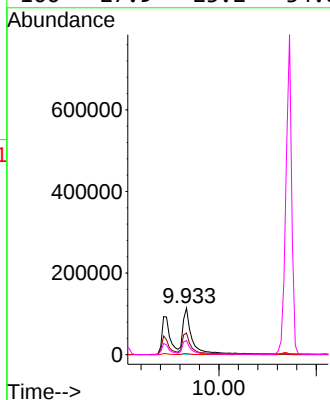
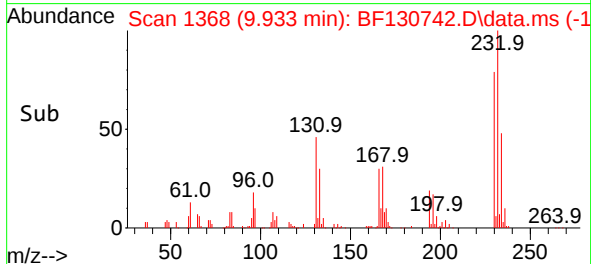
Instrument :
BNA_F
ClientSampleId :
PB148386BS



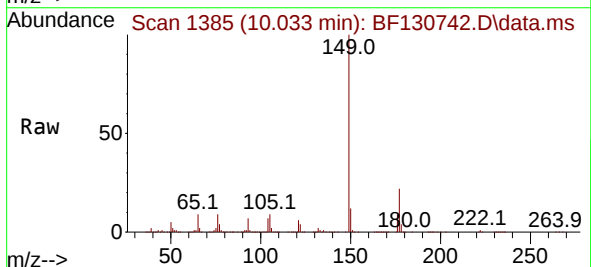
Tgt Ion:232 Resp: 148874
Ion Ratio Lower Upper
232 100
131 46.2 37.7 56.5
130 2.1 1.9 2.9
166 27.9 23.2 34.8

Manual Integrations
APPROVED

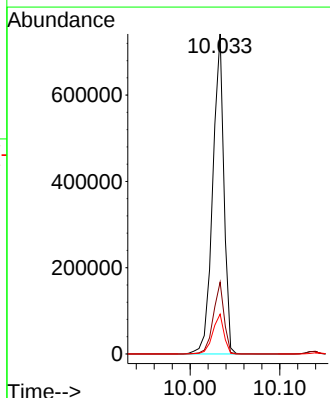
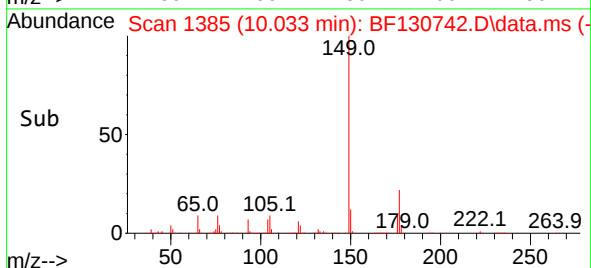
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

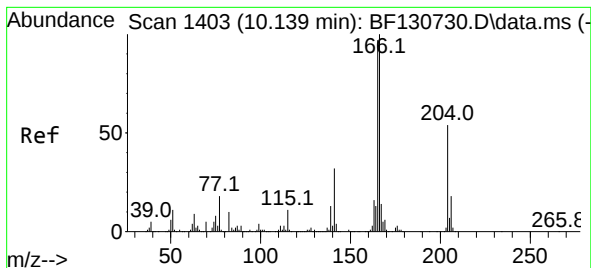


#60
Diethylphthalate
Concen: 42.803 ng
RT: 10.033 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



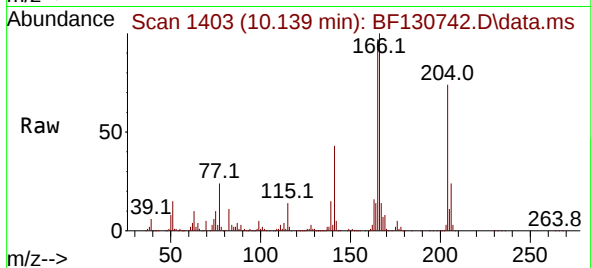
Tgt Ion:149 Resp: 639855
Ion Ratio Lower Upper
149 100
177 22.5 17.2 25.8
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.328 ng
RT: 10.139 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

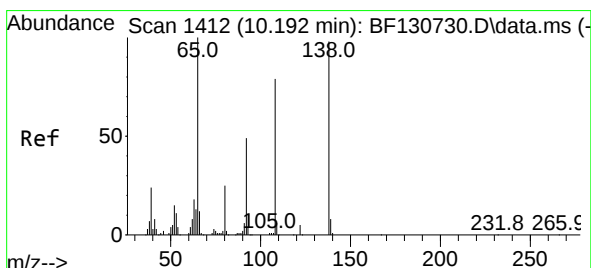
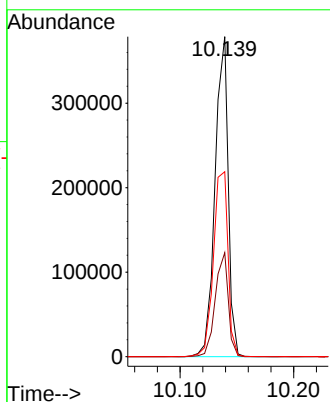
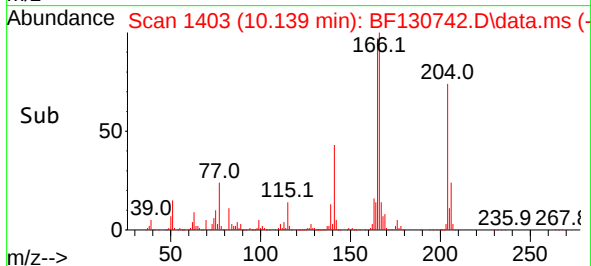
Instrument :
BNA_F
ClientSampleId :
PB148386BS



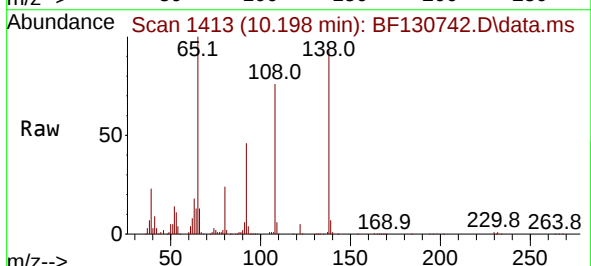
Tgt Ion:204 Resp: 304164
Ion Ratio Lower Upper
204 100
206 32.5 26.9 40.3
141 57.8 47.7 71.5

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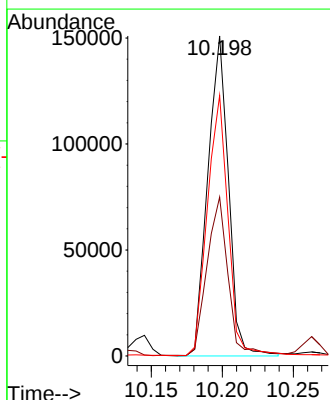
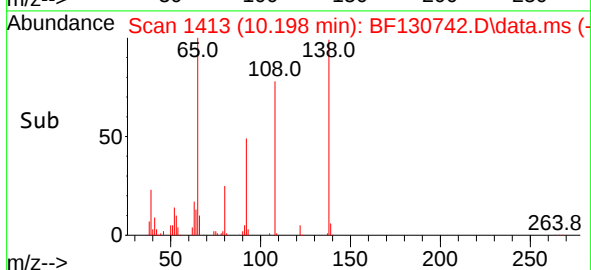
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

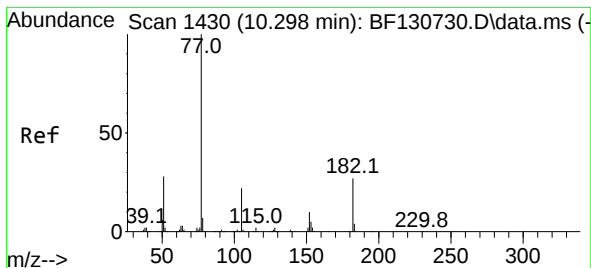


#62
4-Nitroaniline
Concen: 43.506 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:138 Resp: 152572
Ion Ratio Lower Upper
138 100
92 49.6 30.2 70.2
108 81.4 61.1 101.1





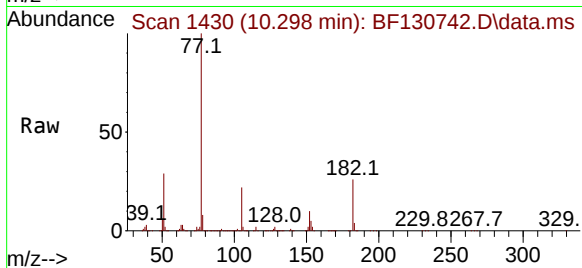
#63
Azobenzene
Concen: 51.051 ng
RT: 10.298 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

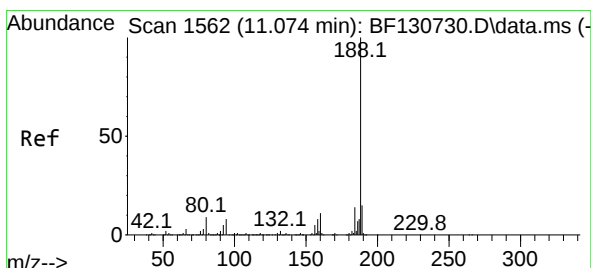
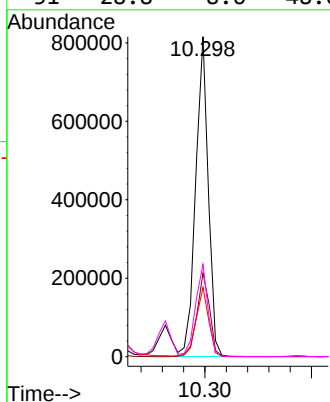
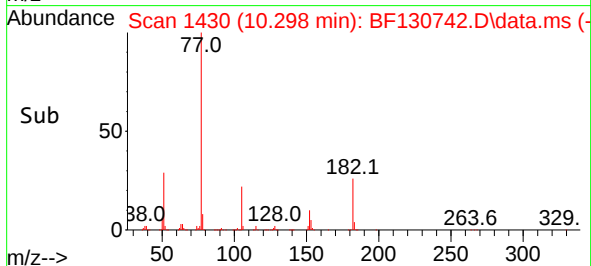


Tgt Ion: 77 Resp: 670070
Ion Ratio Lower Upper
77 100
182 26.1 7.3 47.3
105 21.7 1.9 41.9
51 28.8 8.6 48.6

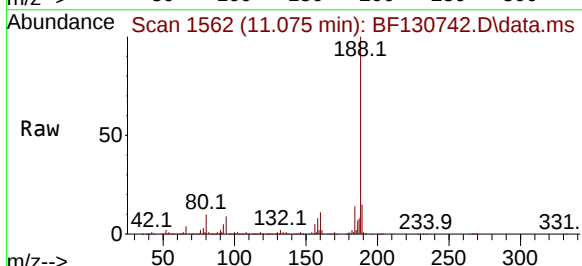
Manual Integrations

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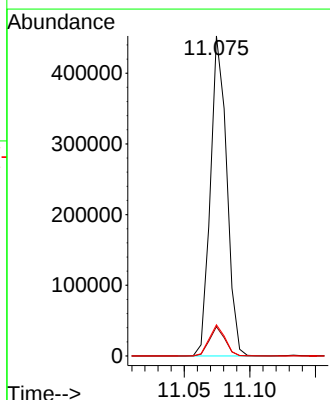
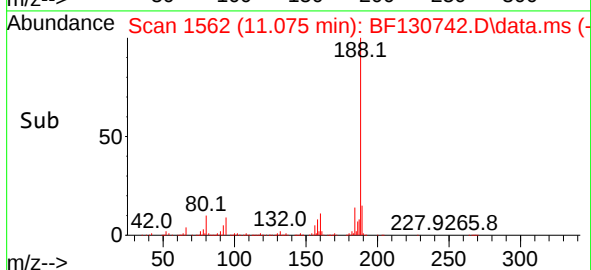
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

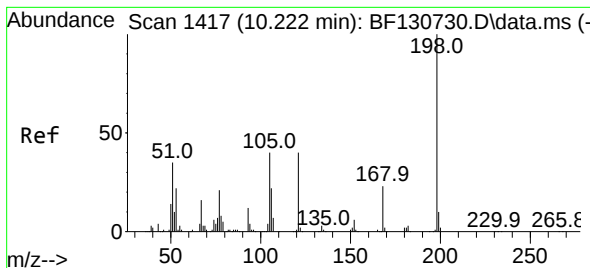


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:188 Resp: 391763
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.7 7.4 11.0





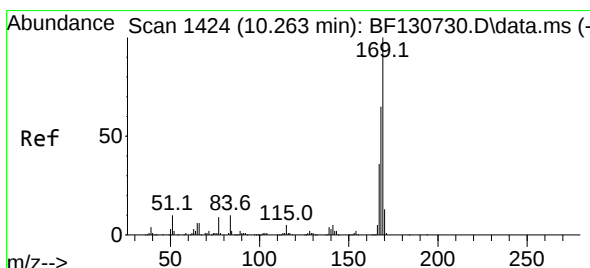
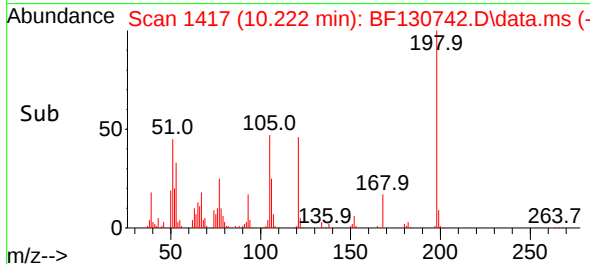
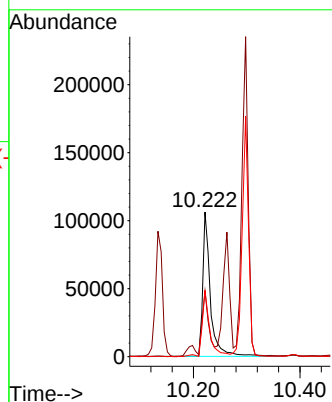
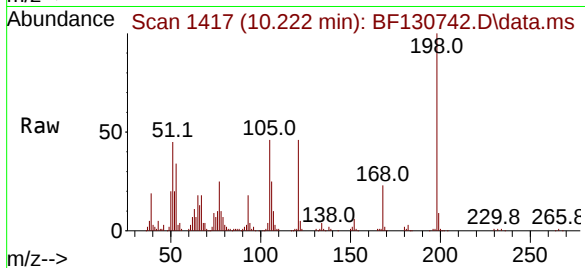
#65
4,6-Dinitro-2-methylphenol
Concen: 45.424 ng
RT: 10.222 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion:198 Resp: 10635
Ion Ratio Lower Upper
198 100
51 45.4 17.7 57.7
105 45.9 20.2 60.2

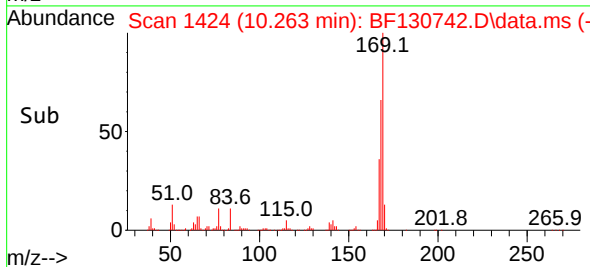
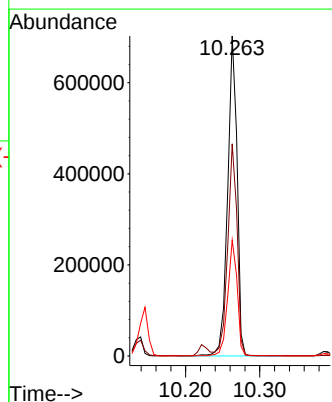
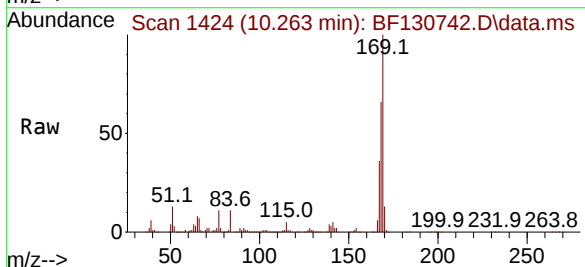
Manual Integrations
APPROVED

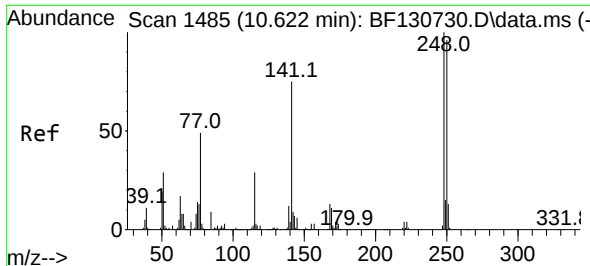
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#66
n-Nitrosodiphenylamine
Concen: 46.016 ng
RT: 10.263 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

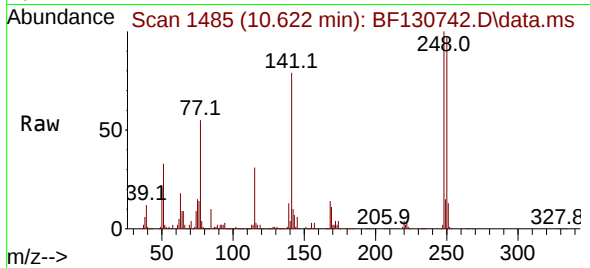
Tgt Ion:169 Resp: 621451
Ion Ratio Lower Upper
169 100
168 66.3 52.5 78.7
167 36.2 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 47.780 ng
RT: 10.622 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

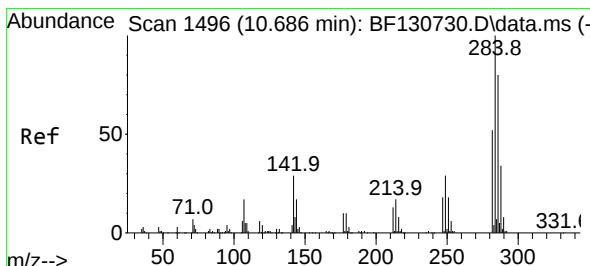
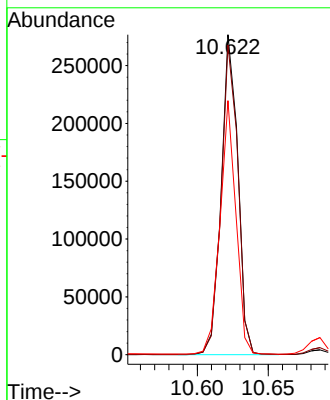
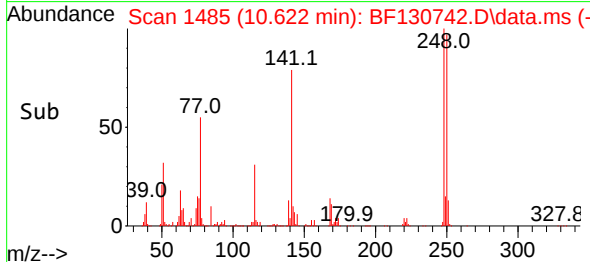
Instrument :
BNA_F
ClientSampleId :
PB148386BS



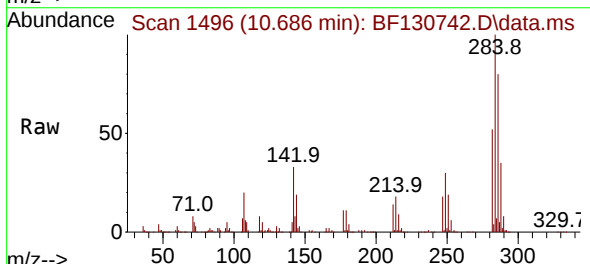
Tgt Ion:248 Resp: 225150
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 79.4 60.1 90.1

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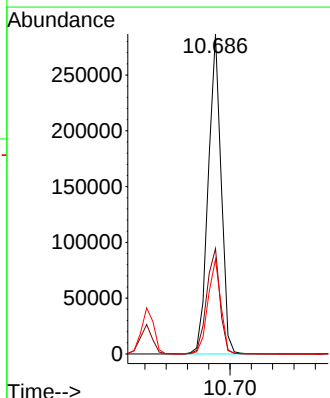
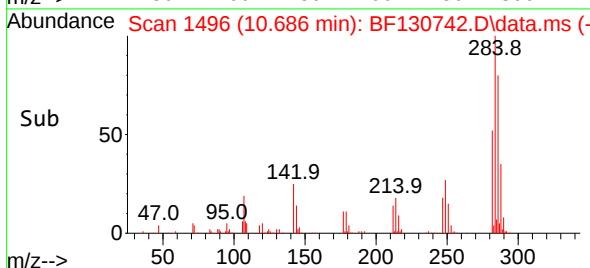
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

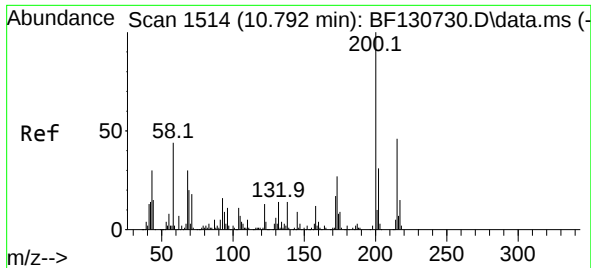


#68
Hexachlorobenzene
Concen: 44.711 ng
RT: 10.686 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



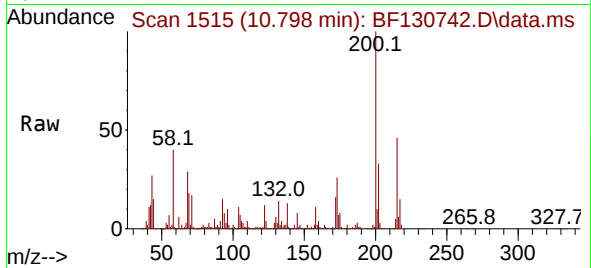
Tgt Ion:284 Resp: 240819
Ion Ratio Lower Upper
284 100
142 32.9 22.8 34.2
249 29.6 23.4 35.2





#69
 Atrazine
 Concen: 53.046 ng
 RT: 10.798 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36

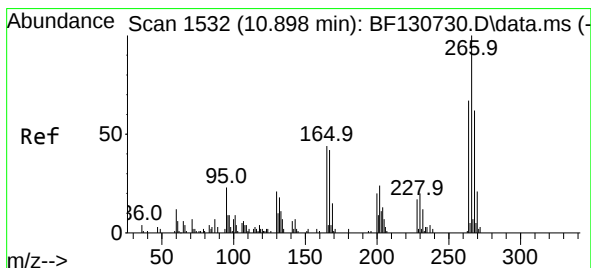
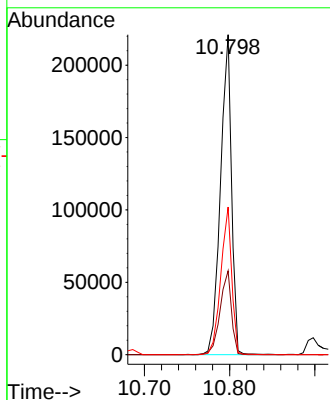
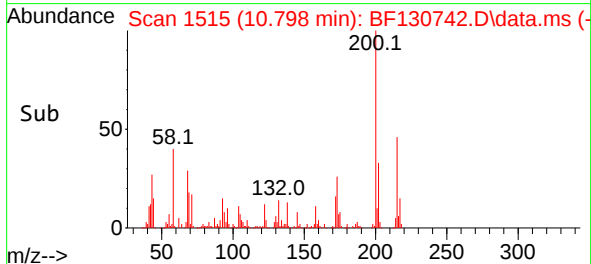
Instrument :
 BNA_F
 ClientSampleId :
 PB148386BS



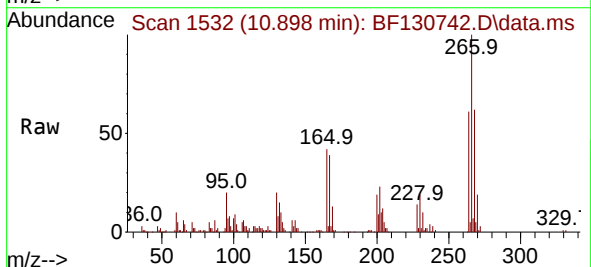
Tgt Ion:200 Resp: 198390
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.2 47.2
 215 46.1 26.5 66.5

Manual Integrations
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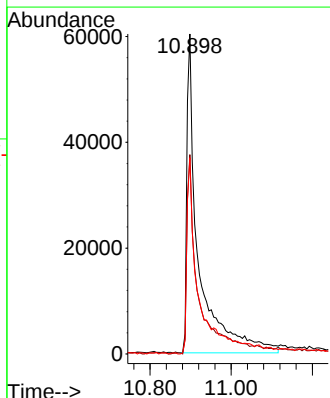
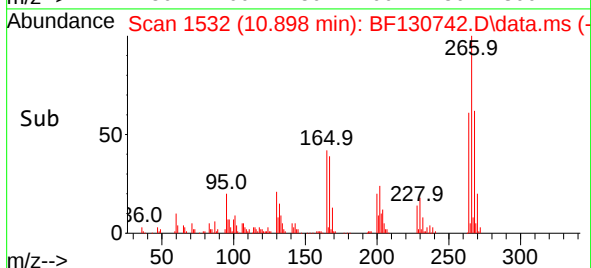
Reviewed By :Christian Giraldo 10/24/2022
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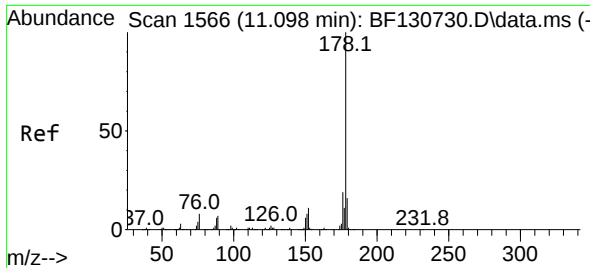


#70
 Pentachlorophenol
 Concen: 88.578 ng
 RT: 10.898 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36



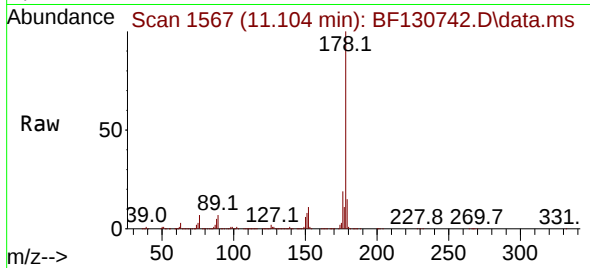
Tgt Ion:266 Resp: 120529
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.9 74.9
 264 61.3 53.6 80.4





#71
Phenanthrene
Concen: 42.566 ng
RT: 11.104 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

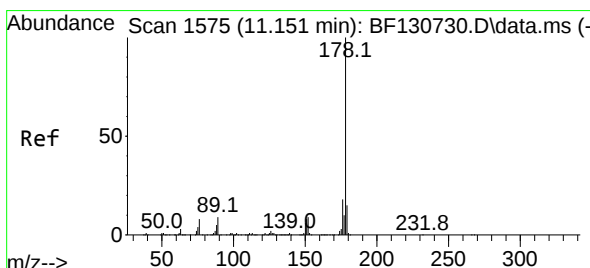
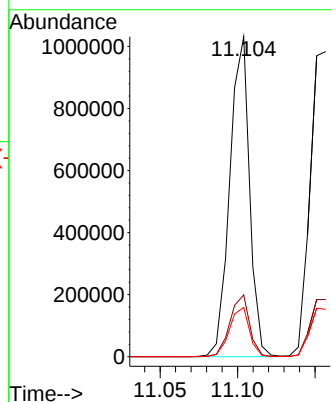
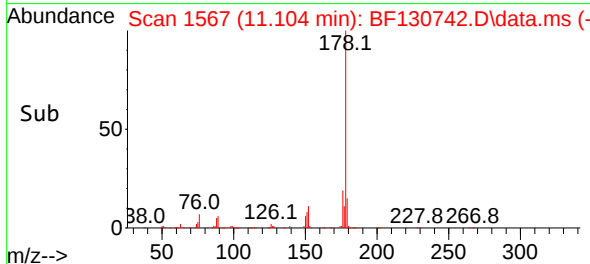
Instrument :
BNA_F
ClientSampleId :
PB148386BS



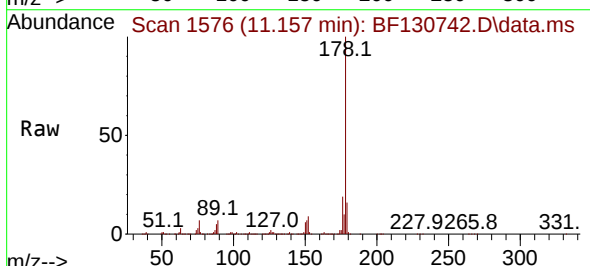
Tgt Ion:178 Resp: 914460
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.4 12.4 18.6

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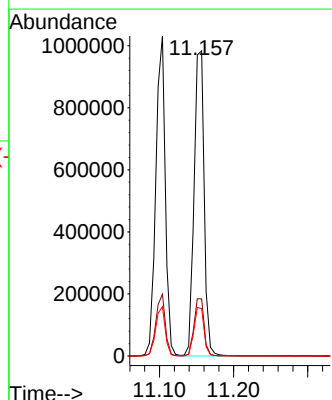
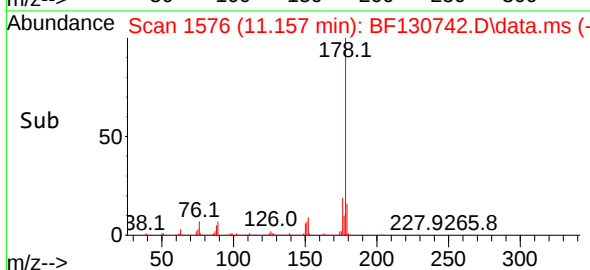
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

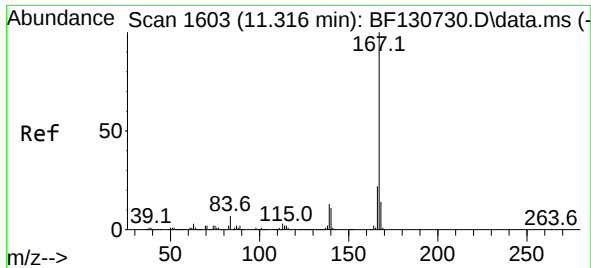


#72
Anthracene
Concen: 43.458 ng
RT: 11.157 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



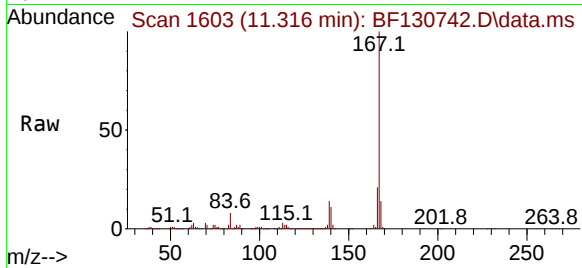
Tgt Ion:178 Resp: 931660
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 48.697 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36

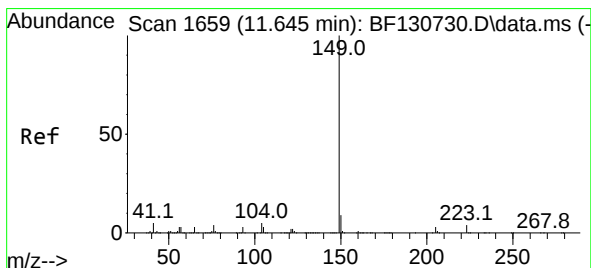
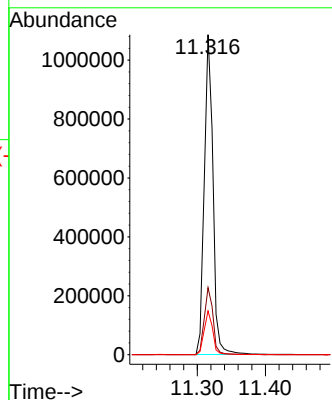
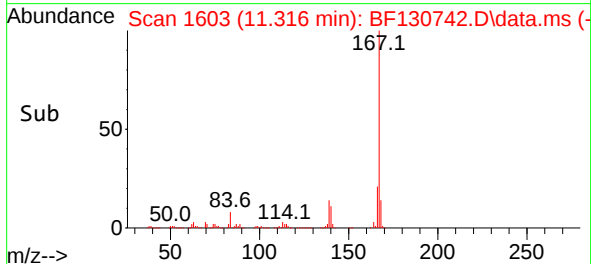
Instrument :
 BNA_F
 ClientSampleId :
 PB148386BS



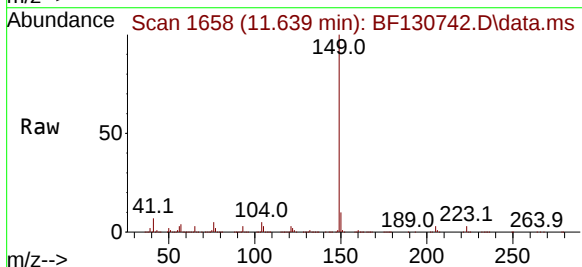
Tgt Ion:167 Resp: 96387
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 13.6 10.7 16.1

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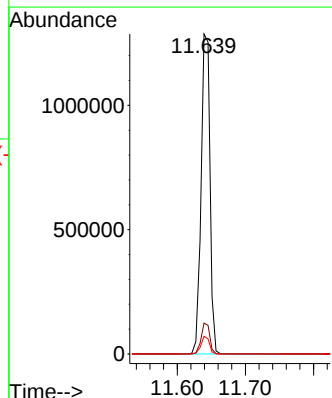
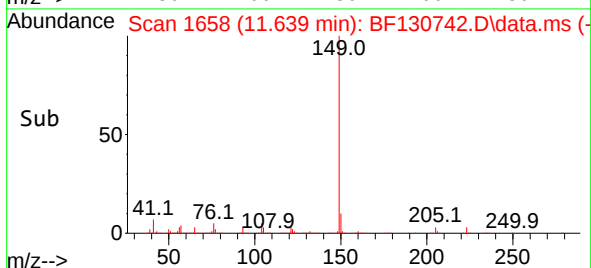
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

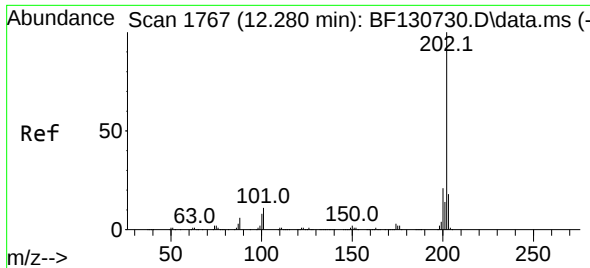


#74
 Di-n-butylphthalate
 Concen: 47.858 ng
 RT: 11.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF130742.D
 Acq: 21 Oct 2022 13:36



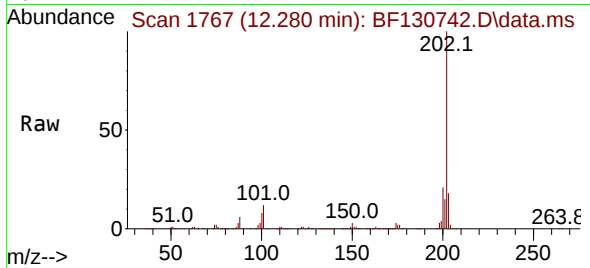
Tgt Ion:149 Resp: 1165103
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.2 10.8
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 43.544 ng
RT: 12.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

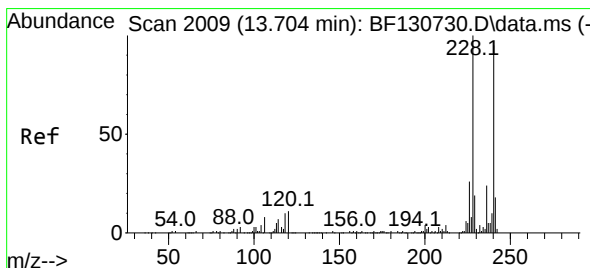
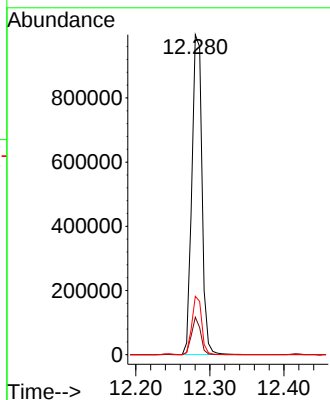
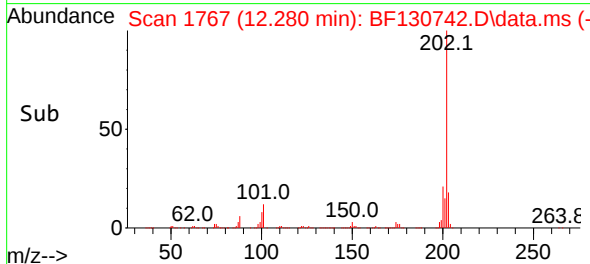
Instrument :
BNA_F
ClientSampleId :
PB148386BS



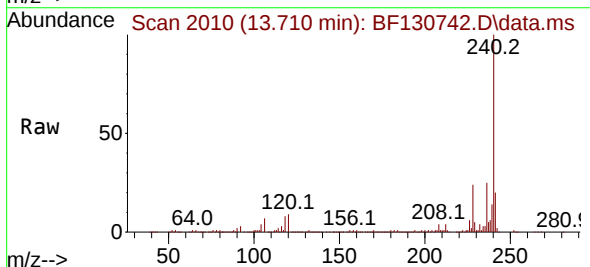
Tgt Ion:202 Resp: 945700
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.0
203 18.2 0.0 37.6

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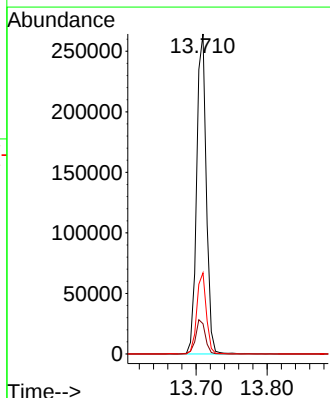
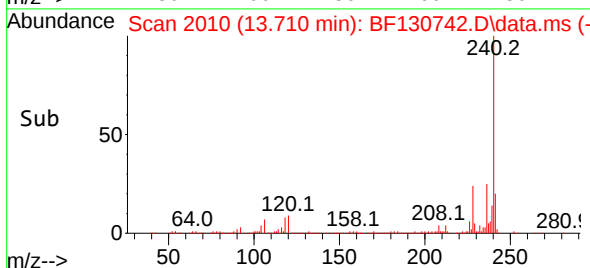
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

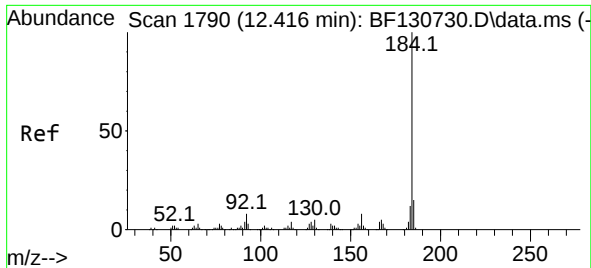


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:240 Resp: 250162
Ion Ratio Lower Upper
240 100
120 9.4 9.6 14.4#
236 25.3 20.2 30.2





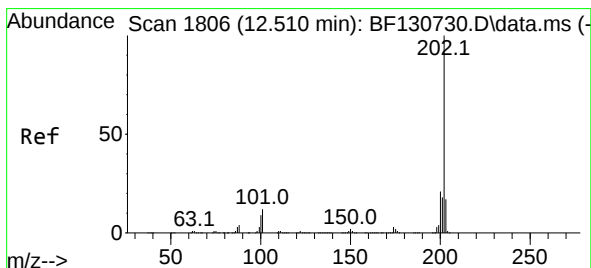
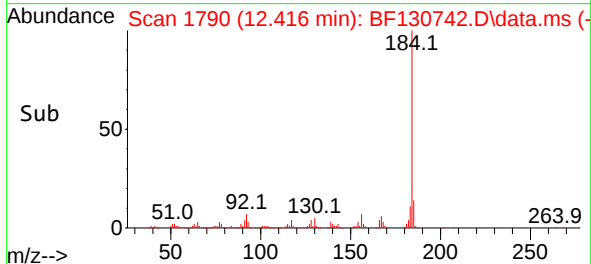
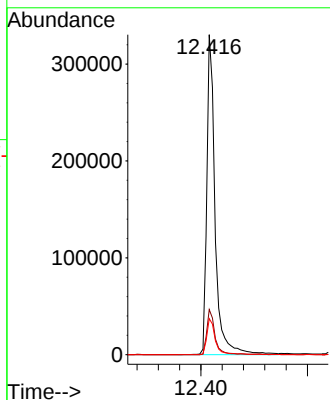
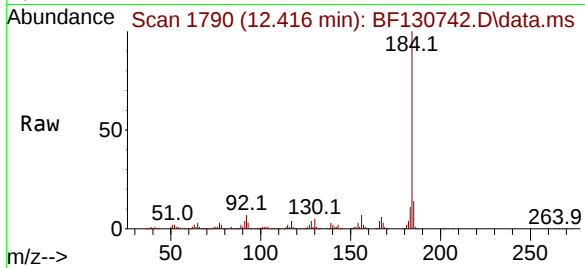
#77
Benzidine
Concen: 151.271 ng
RT: 12.416 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :
BNA_F
ClientSampleId :
PB148386BS

Tgt Ion:184 Resp: 355804
Ion Ratio Lower Upper
184 100
185 14.1 12.4 18.6
183 11.2 9.3 13.9

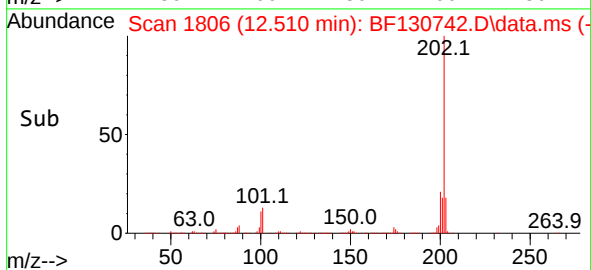
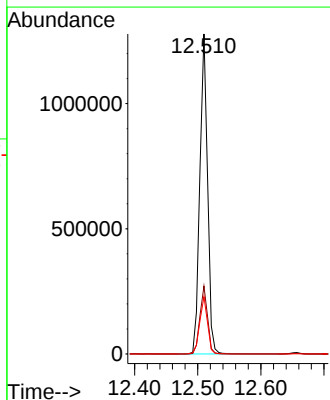
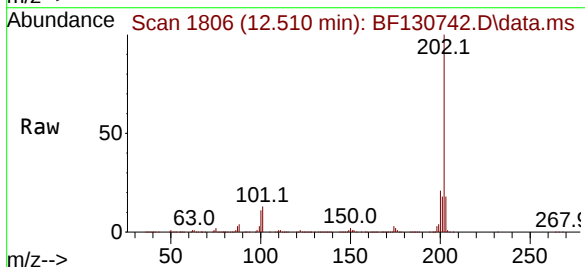
Manual Integrations
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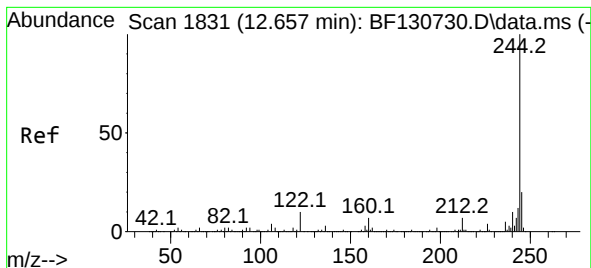
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#78
Pyrene
Concen: 51.207 ng
RT: 12.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Tgt Ion:202 Resp: 1075263
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 104.577 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

Tgt Ion:244 Resp: 155242

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

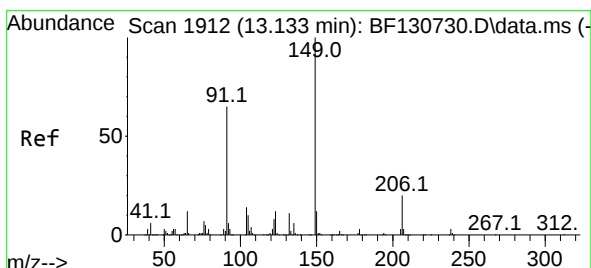
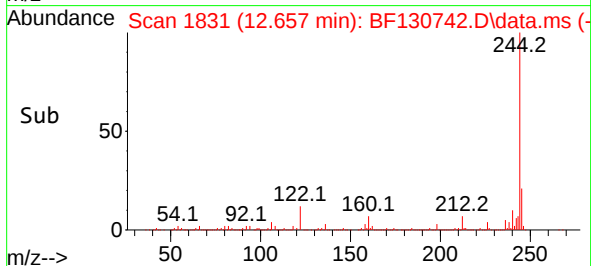
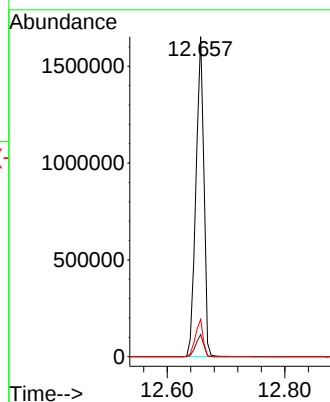
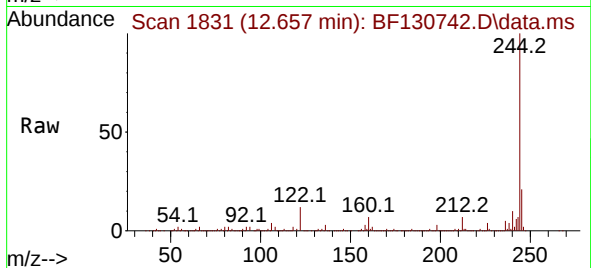
122 11.7 8.2 12.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#80

Butylbenzylphthalate

Concen: 52.354 ng

RT: 13.133 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

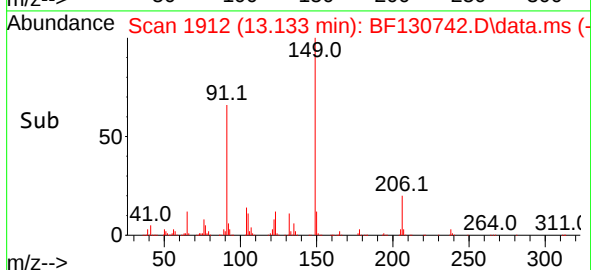
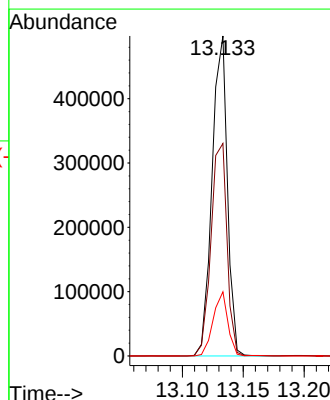
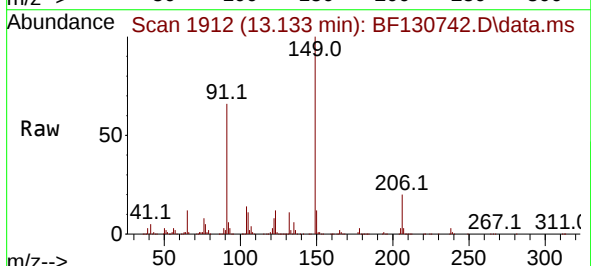
Tgt Ion:149 Resp: 436214

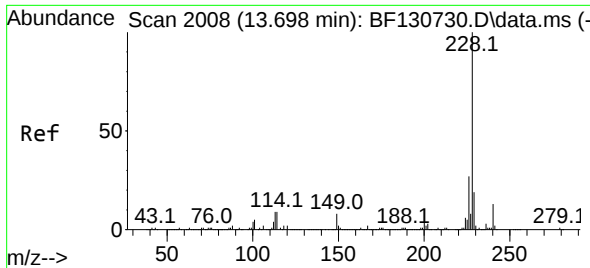
Ion Ratio Lower Upper

149 100

91 66.4 52.3 78.5

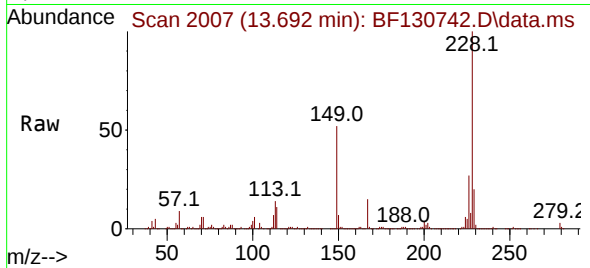
206 20.0 16.3 24.5





#81
Benzo(a)anthracene
Concen: 44.292 ng
RT: 13.692 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

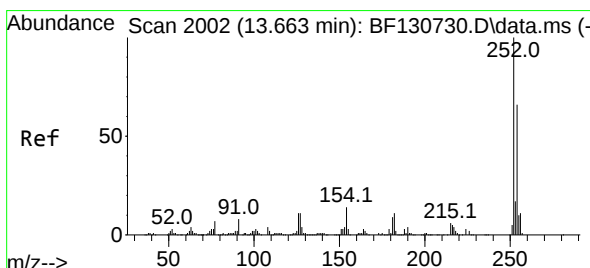
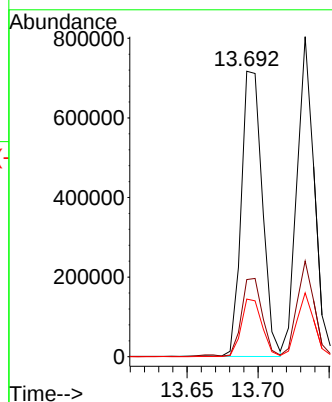
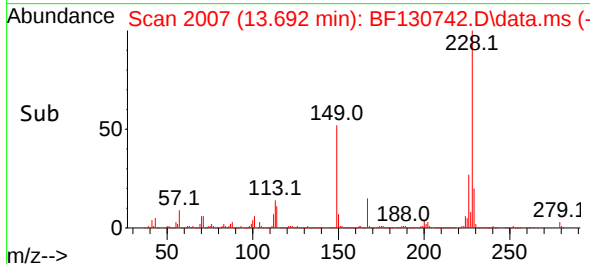
Instrument :
BNA_F
ClientSampleId :
PB148386BS



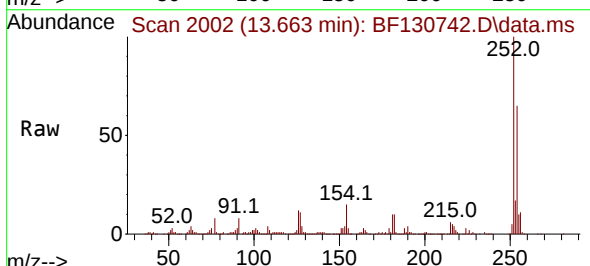
Tgt Ion:228 Resp: 740362
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.2 15.4 23.2

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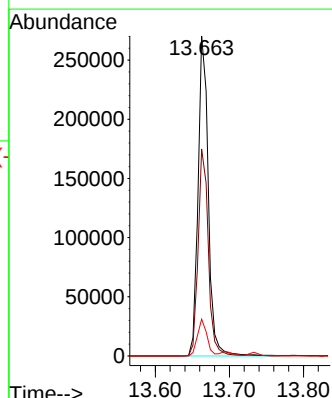
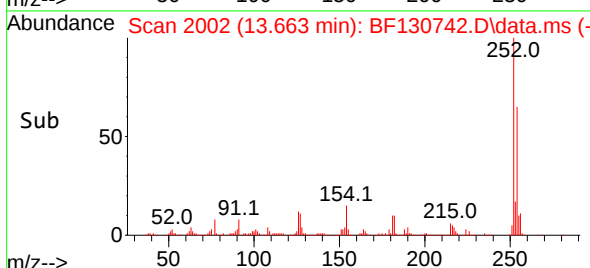
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

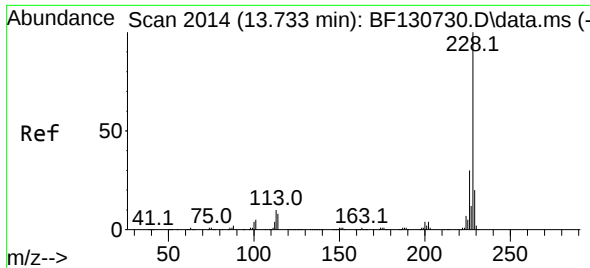


#82
3,3'-Dichlorobenzidine
Concen: 53.289 ng
RT: 13.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



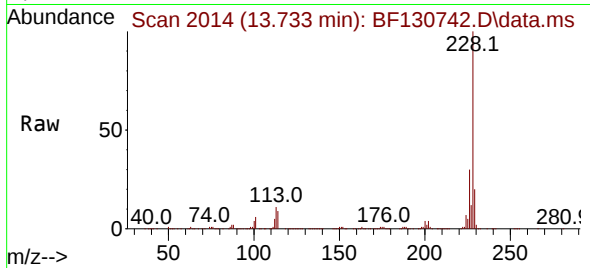
Tgt Ion:252 Resp: 258673
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 11.5 9.0 13.4





#83
Chrysene
Concen: 42.563 ng
RT: 13.733 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

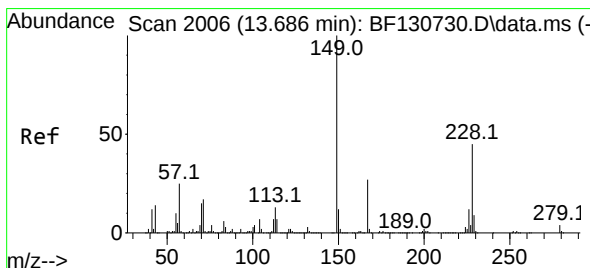
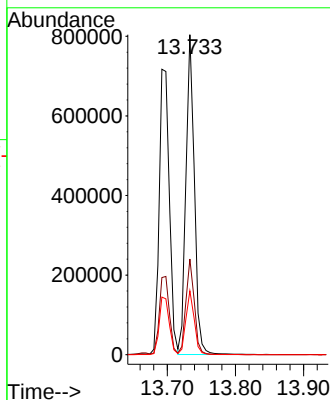
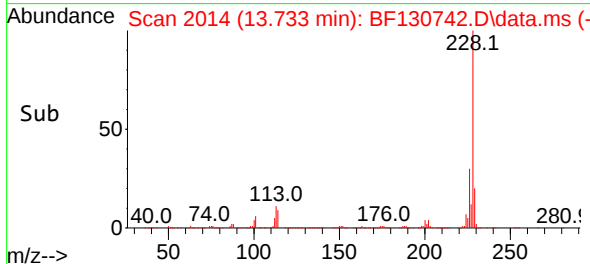
Instrument :
BNA_F
ClientSampleId :
PB148386BS



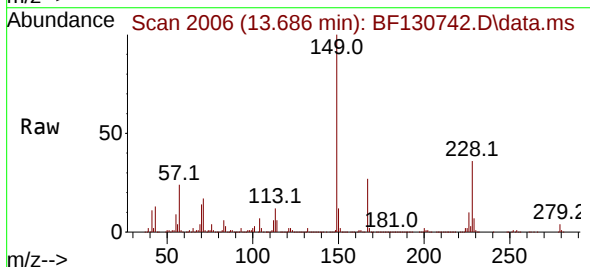
Tgt Ion:228 Resp: 689344
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 20.0 15.8 23.6

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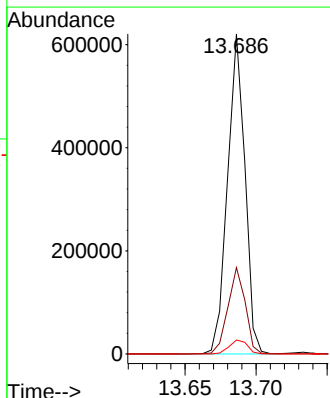
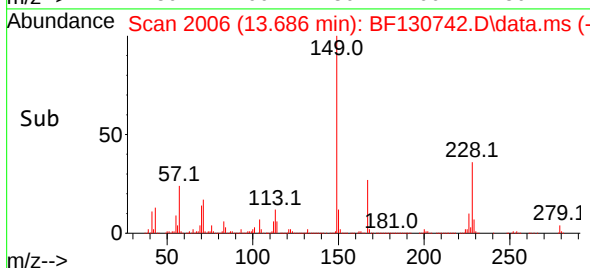
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

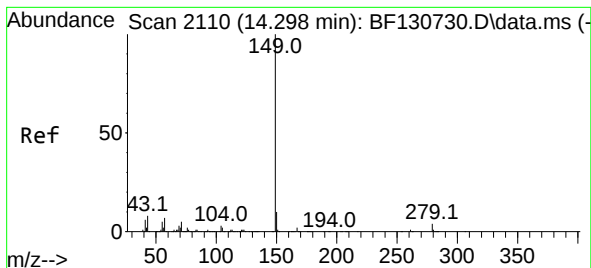


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.732 ng
RT: 13.686 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:149 Resp: 530340
Ion Ratio Lower Upper
149 100
167 27.0 21.5 32.3
279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.503 ng

RT: 14.298 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BF130742.D

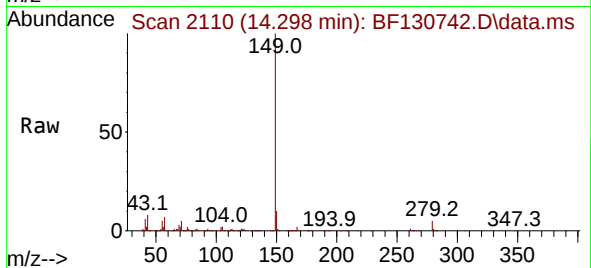
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS



Tgt Ion:149 Resp: 65716

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

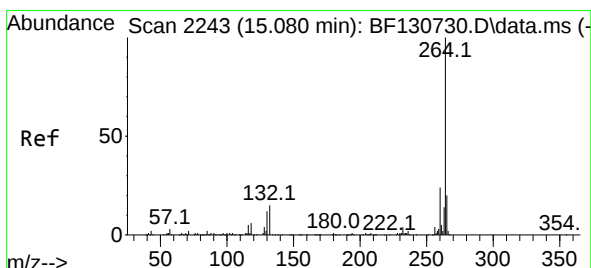
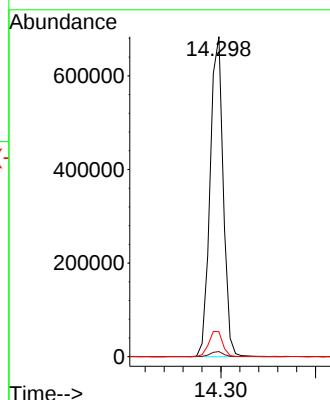
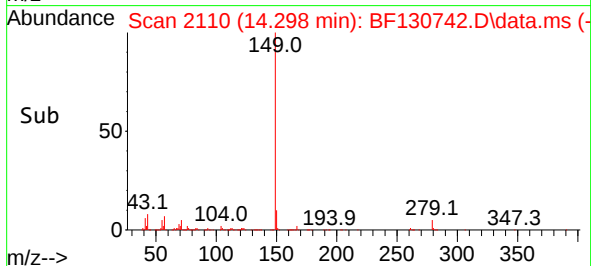
43 8.6 7.0 10.4

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: BF130742.D

Acq: 21 Oct 2022 13:36

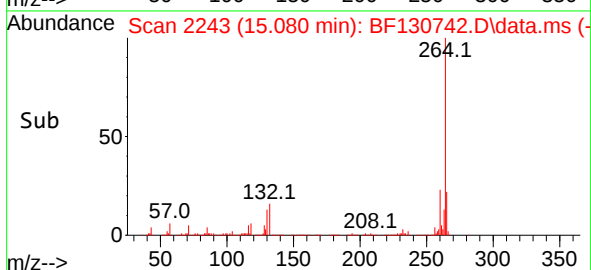
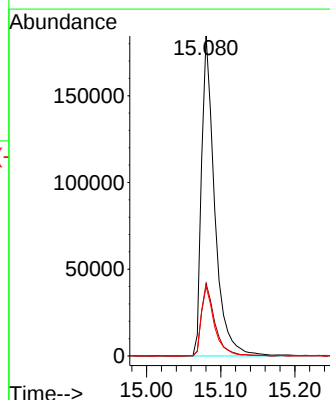
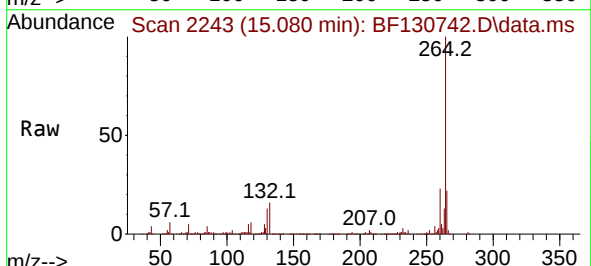
Tgt Ion:264 Resp: 227797

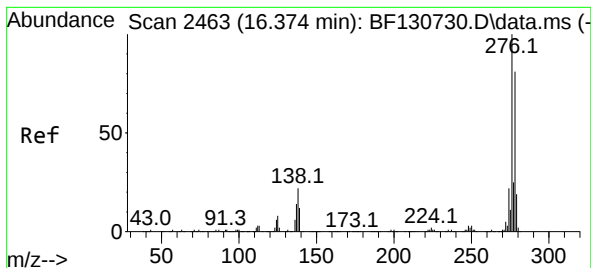
Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.7 16.2 24.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.182 ng

RT: 16.374 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

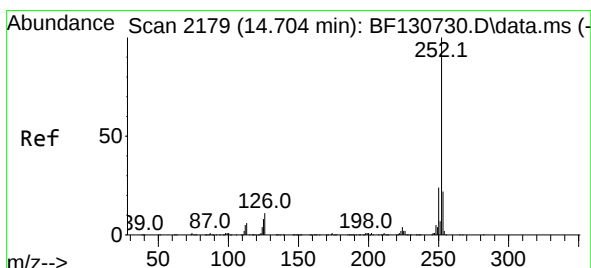
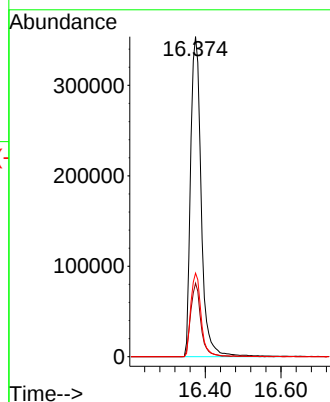
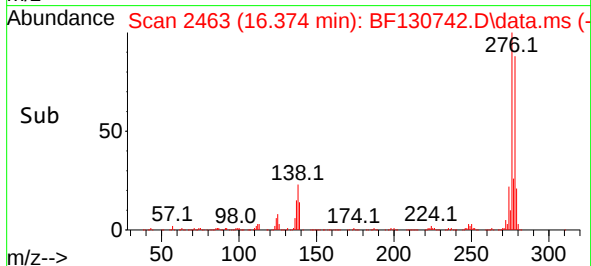
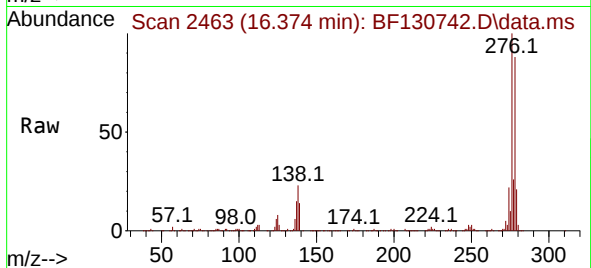
PB148386BS

Tgt Ion:276 Resp: 68915
 Ion Ratio Lower Upper
 276 100
 138 22.0 17.2 25.8
 277 25.4 20.1 30.1

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 40.631 ng

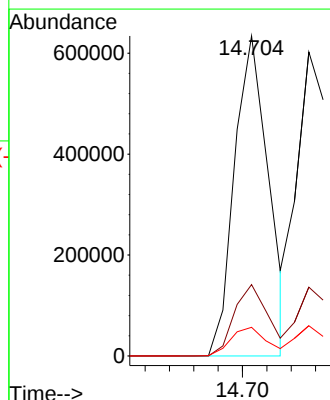
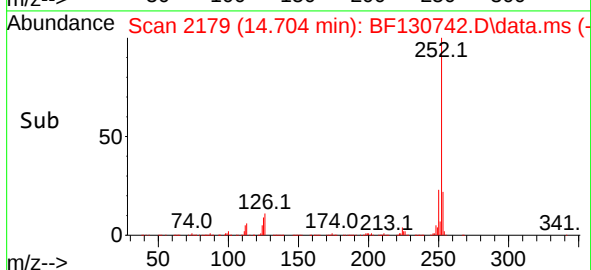
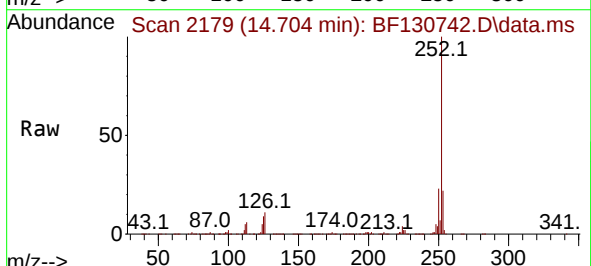
RT: 14.704 min Scan# 2179

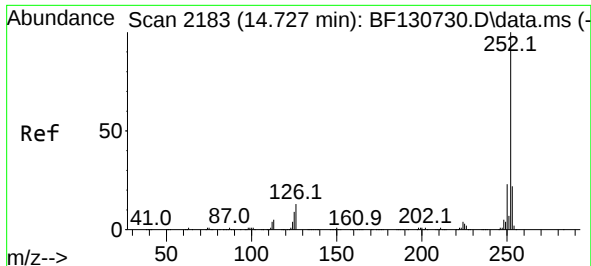
Delta R.T. 0.000 min

Lab File: BF130742.D

Acq: 21 Oct 2022 13:36

Tgt Ion:252 Resp: 616261
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 8.9 6.4 9.6





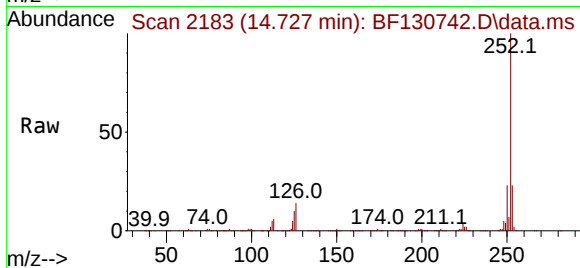
#89
Benzo(k)fluoranthene
Concen: 40.612 ng
RT: 14.727 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

Instrument :

BNA_F

ClientSampleId :

PB148386BS

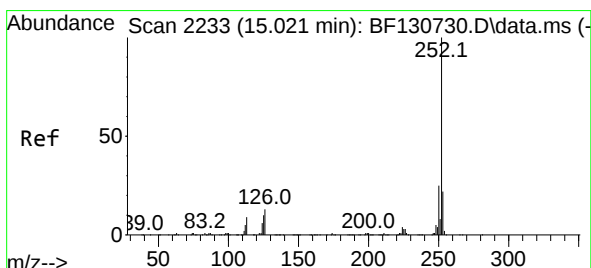
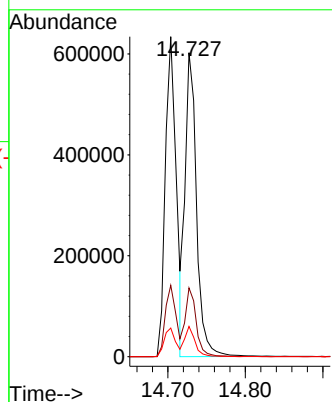
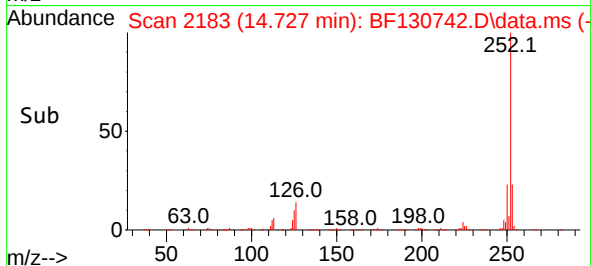


Tgt Ion:252 Resp: 61885
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.9 7.2 10.8

Manual Integrations

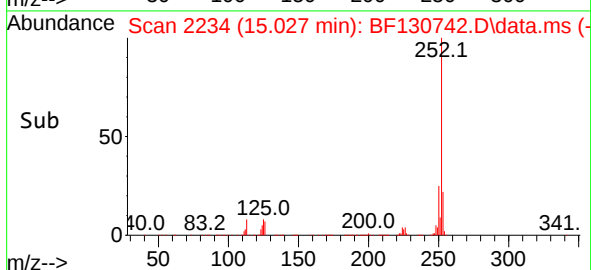
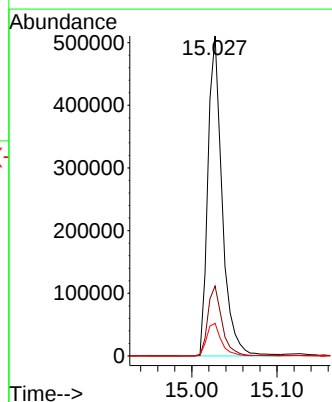
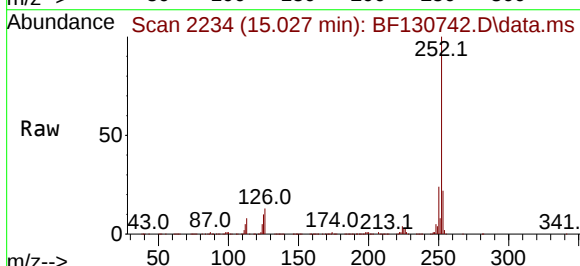
APPROVED

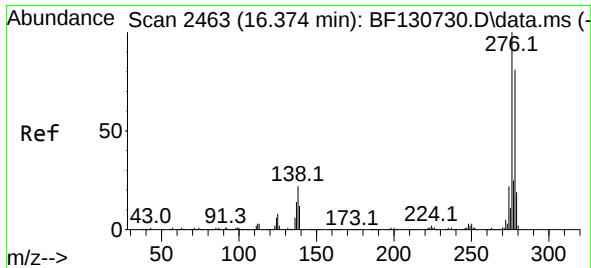
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#90
Benzo(a)pyrene
Concen: 48.720 ng
RT: 15.027 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

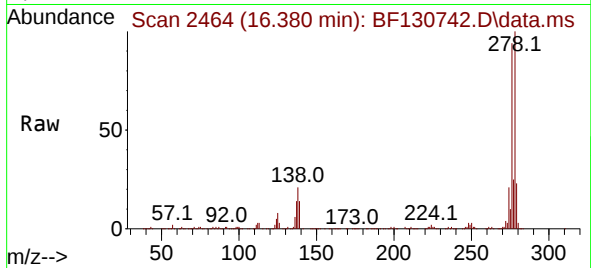
Tgt Ion:252 Resp: 593513
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 44.963 ng
RT: 16.380 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36

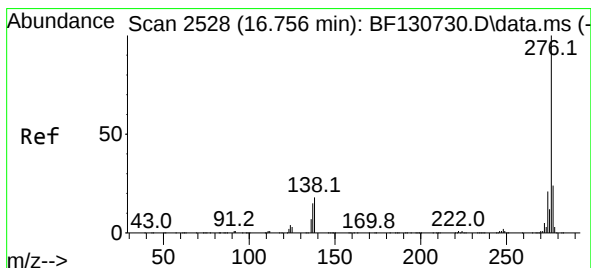
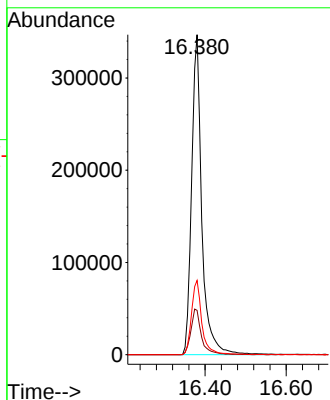
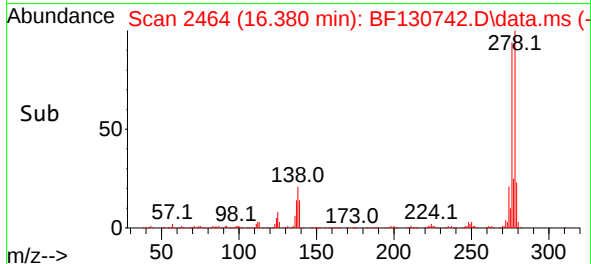
Instrument :
BNA_F
ClientSampleId :
PB148386BS



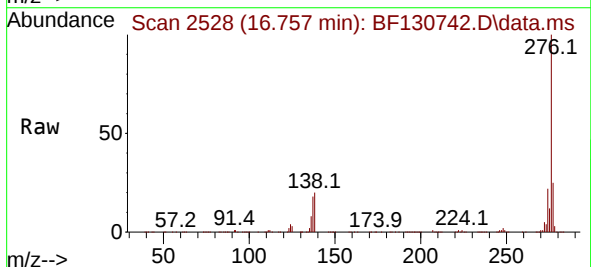
Tgt Ion:278 Resp: 60700
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.0
279 23.2 18.4 27.6

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



#92
Benzo(g,h,i)perylene
Concen: 45.653 ng
RT: 16.757 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF130742.D
Acq: 21 Oct 2022 13:36



Tgt Ion:276 Resp: 618120
Ion Ratio Lower Upper
276 100
277 25.0 19.1 28.7
138 20.2 14.2 21.2

