

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130743.D
 Acq On : 21 Oct 2022 14:07
 Operator : CG\JU
 Sample : PB148422BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 18:17:03 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	95053	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	457801	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	227432	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	446252	20.000	ng	0.00
76) Chrysene-d12	13.709	240	220500	20.000	ng	0.00
86) Perylene-d12	15.080	264	181416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	865907	157.088	ng	0.02
7) Phenol-d6	6.228	99	1030798	154.558	ng	0.00
23) Nitrobenzene-d5	7.139	82	578098	66.987	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	349901	161.776	ng	0.00
45) 2-Fluorobiphenyl	8.927	172	1244974	83.421	ng	0.00
79) Terphenyl-d14	12.657	244	1289218	98.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.204	88	94575	28.838	ng	98
3) Pyridine	2.881	79	219976	34.792	ng	99
4) n-Nitrosodimethylamine	2.840	42	131043	46.651	ng	97
6) Aniline	6.234	93	353912	46.059	ng	94
8) 2-Chlorophenol	6.357	128	333870	52.346	ng	94
9) Benzaldehyde	6.122	77	98260	25.234	ng	96
10) Phenol	6.239	94	386222	52.527	ng	95
11) bis(2-Chloroethyl)ether	6.310	93	296164	54.230	ng	99
12) 1,3-Dichlorobenzene	6.504	146	343148	49.525	ng	98
13) 1,4-Dichlorobenzene	6.581	146	307672	43.172	ng	99
14) 1,2-Dichlorobenzene	6.733	146	294519	43.741	ng	100
15) Benzyl Alcohol	6.733	79	194759	39.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.845	45	302423	43.171	ng	# 54
17) 2-Methylphenol	6.845	107	227955	43.445	ng	97
18) Hexachloroethane	7.063	117	115653	43.452	ng	93
19) n-Nitroso-di-n-propyla...	6.992	70	194639	43.190	ng	99
20) 3+4-Methylphenols	7.004	107	299302	43.521	ng	# 86
22) Acetophenone	6.986	105	410418	36.751	ng	99
24) Nitrobenzene	7.163	77	303034	34.518	ng	94
25) Isophorone	7.398	82	555150	39.043	ng	99
26) 2-Nitrophenol	7.475	139	165832	37.676	ng	97
27) 2,4-Dimethylphenol	7.522	122	269581	45.268	ng	98
28) bis(2-Chloroethoxy)met...	7.610	93	349122	42.388	ng	100
29) 2,4-Dichlorophenol	7.722	162	292544	44.550	ng	99
30) 1,2,4-Trichlorobenzene	7.792	180	292575	42.427	ng	98
31) Naphthalene	7.869	128	974888	41.300	ng	99
32) Benzoic acid	7.716	122	136701	40.699	ng	98
33) 4-Chloroaniline	7.933	127	336993	37.109	ng	99
34) Hexachlorobutadiene	7.980	225	177071	40.387	ng	98
35) Caprolactam	8.327	113	89933m	43.820	ng	
36) 4-Chloro-3-methylphenol	8.439	107	320326	45.134	ng	96
37) 2-Methylnaphthalene	8.557	142	647619	41.874	ng	100
38) 1-Methylnaphthalene	8.657	142	609377	39.741	ng	100
40) 1,2,4,5-Tetrachloroben...	8.727	216	273057	45.245	ng	99
41) Hexachlorocyclopentadiene	8.704	237	139166	106.335	ng	95
43) 2,4,6-Trichlorophenol	8.851	196	179791	47.335	ng	97

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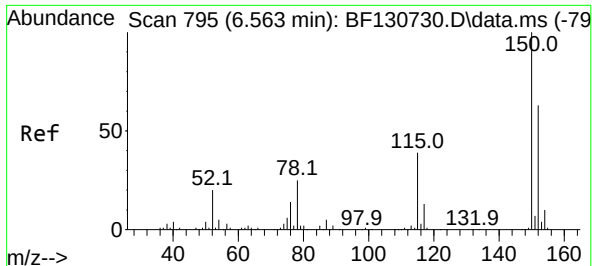
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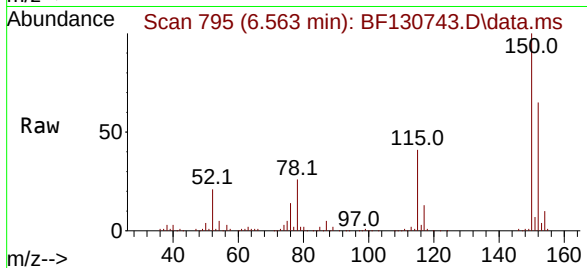
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	199151	48.211	ng	98
46) 1,1'-Biphenyl	9.027	154	810531	51.095	ng	99
47) 2-Chloronaphthalene	9.051	162	627266	47.549	ng	98
48) 2-Nitroaniline	9.163	65	191444	47.281	ng	95
49) Acenaphthylene	9.457	152	954339	49.098	ng	99
50) Dimethylphthalate	9.339	163	753366	49.246	ng	100
51) 2,6-Dinitrotoluene	9.404	165	170281	49.706	ng	# 85
52) Acenaphthene	9.633	154	513890	42.535	ng	99
53) 3-Nitroaniline	9.574	138	135229	34.643	ng	98
54) 2,4-Dinitrophenol	9.698	184	125928	89.621	ng	99
55) Dibenzofuran	9.804	168	801920	43.122	ng	99
56) 4-Nitrophenol	9.769	139	79776	69.196	ng	93
57) 2,4-Dinitrotoluene	9.810	165	211075	45.740	ng	# 83
58) Fluorene	10.145	166	709030	45.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.933	232	170855	52.026	ng	99
60) Diethylphthalate	10.033	149	733977	46.502	ng	100
61) 4-Chlorophenyl-phenyle...	10.139	204	328564	47.398	ng	97
62) 4-Nitroaniline	10.198	138	171607	46.346	ng	99
63) Azobenzene	10.298	77	651526	47.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.221	198	109424	41.027	ng	82
66) n-Nitrosodiphenylamine	10.263	169	583190	37.910	ng	100
67) 4-Bromophenyl-phenylether	10.621	248	209533	39.035	ng	96
68) Hexachlorobenzene	10.686	284	257238	41.927	ng	95
69) Atrazine	10.798	200	194830	45.732	ng	99
70) Pentachlorophenol	10.898	266	124759	82.797	ng	96
71) Phenanthrene	11.104	178	1012063	41.357	ng	99
72) Anthracene	11.157	178	950251	38.913	ng	99
73) Carbazole	11.316	167	837630	37.151	ng	99
74) Di-n-butylphthalate	11.645	149	1095101	39.490	ng	99
75) Fluoranthene	12.286	202	1040540	42.060	ng	99
77) Benzidine	12.421	184	304744	131.480	ng	97
78) Pyrene	12.510	202	867919	46.893	ng	99
80) Butylbenzylphthalate	13.133	149	338699	46.119	ng	97
81) Benzo(a)anthracene	13.698	228	623296	42.305	ng	99
82) 3,3'-Dichlorobenzidine	13.668	252	201624	47.124	ng	98
83) Chrysene	13.733	228	588422	41.219	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	410001	47.128	ng	100
85) Di-n-octyl phthalate	14.298	149	526709	45.922	ng	99
87) Indeno(1,2,3-cd)pyrene	16.374	276	582778	44.791	ng	99
88) Benzo(b)fluoranthene	14.704	252	524987	43.462	ng	99
89) Benzo(k)fluoranthene	14.733	252	554552	45.696	ng	99
90) Benzo(a)pyrene	15.027	252	470038	48.449	ng	99
91) Dibenzo(a,h)anthracene	16.380	278	515700	47.966	ng	100
92) Benzo(g,h,i)perylene	16.762	276	495070	45.913	ng	100

(#) = 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: BF130743.D
 Acq: 21 Oct 2022 14:07

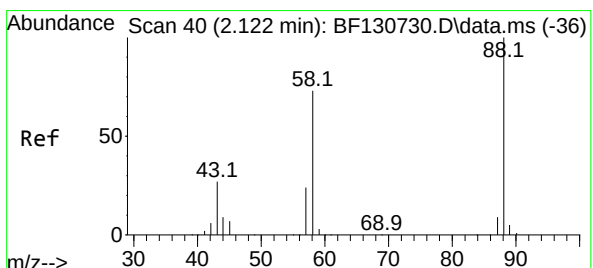
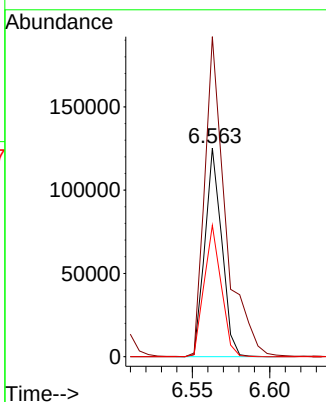
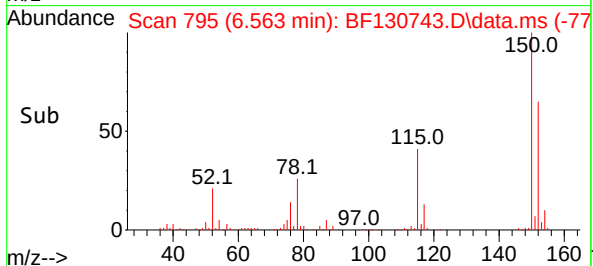
Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS



Tgt Ion:152 Resp: 9505
 Ion Ratio Lower Upper
 152 100
 150 153.3 127.0 190.6
 115 63.0 49.9 74.9

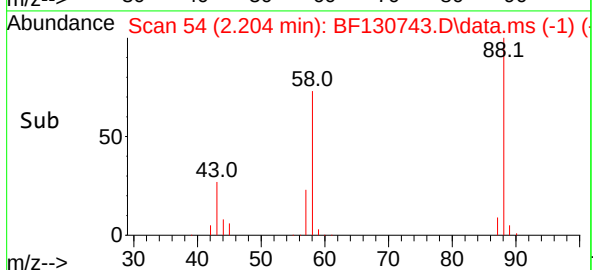
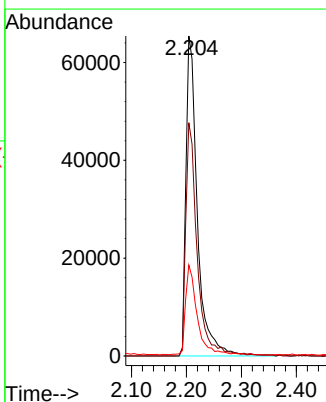
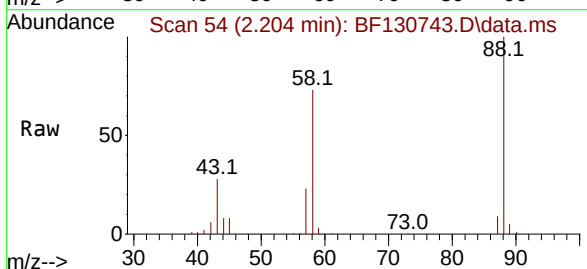
Manual Integrations
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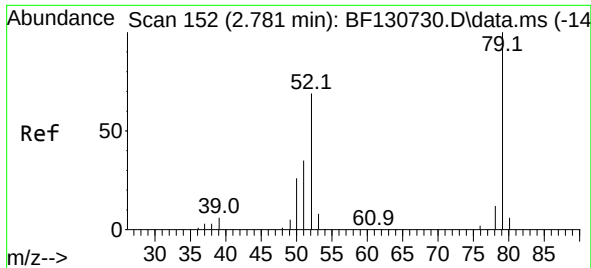
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022



#2
 1,4-Dioxane
 Concen: 28.838 ng
 RT: 2.204 min Scan# 54
 Delta R.T. 0.082 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

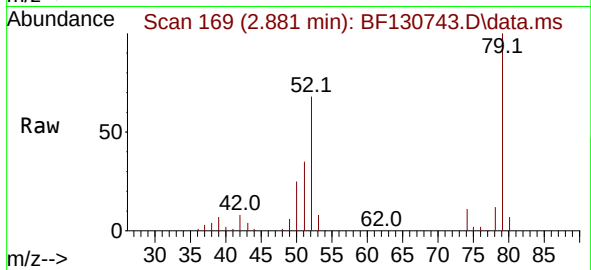
Tgt Ion: 88 Resp: 94575
 Ion Ratio Lower Upper
 88 100
 58 73.0 57.1 85.7
 43 27.8 21.4 32.2





#3
Pyridine
Concen: 34.792 ng
RT: 2.881 min Scan# 10
Delta R.T. 0.100 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

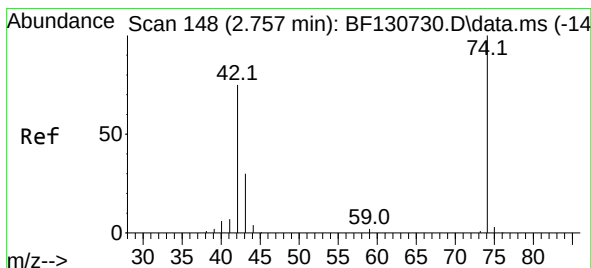
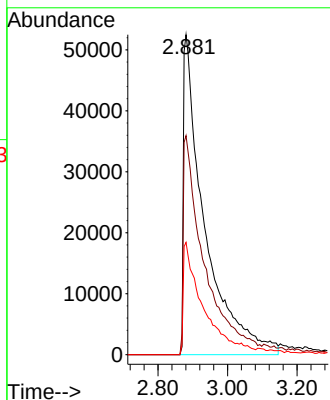
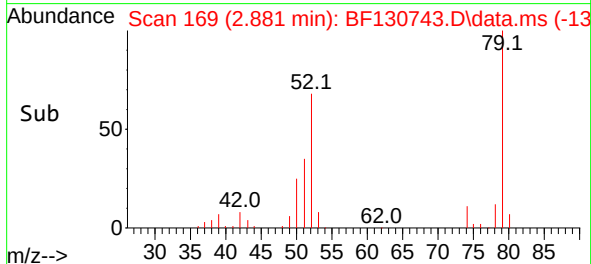
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion: 79 Resp: 219970
Ion Ratio Lower Upper
79 100
52 68.5 55.4 83.0
51 35.1 28.1 42.1

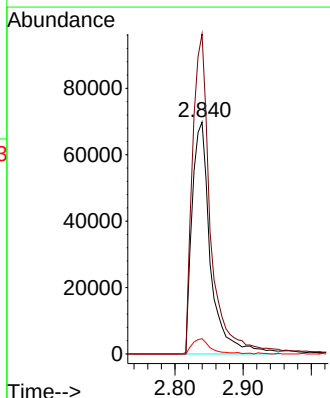
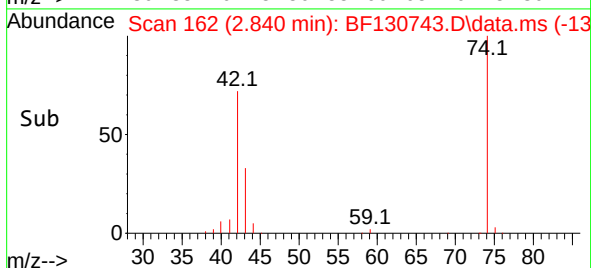
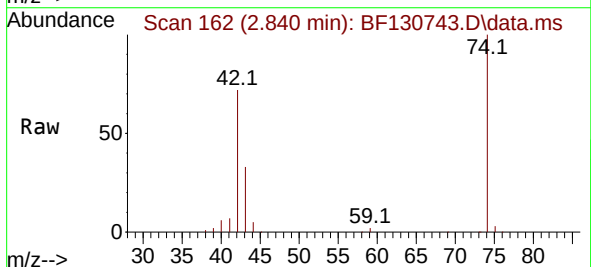
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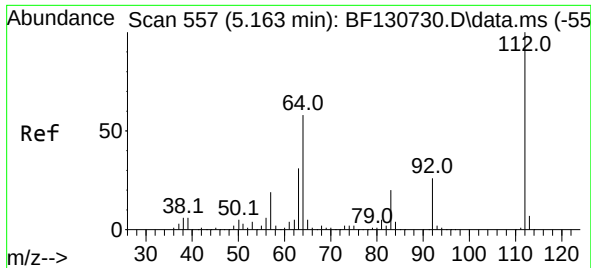
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#4
n-Nitrosodimethylamine
Concen: 46.651 ng
RT: 2.840 min Scan# 162
Delta R.T. 0.082 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 42 Resp: 131043
Ion Ratio Lower Upper
42 100
74 138.0 107.3 160.9
44 6.5 4.6 7.0





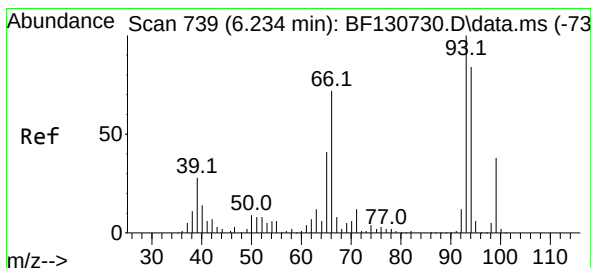
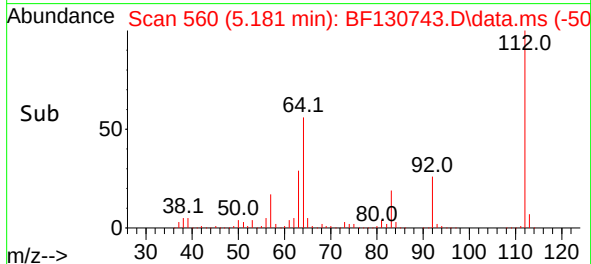
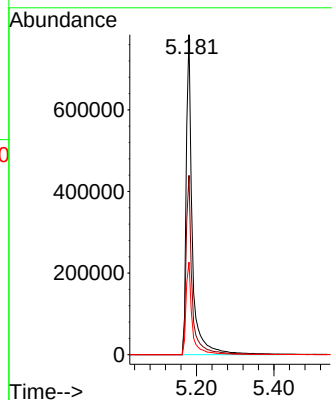
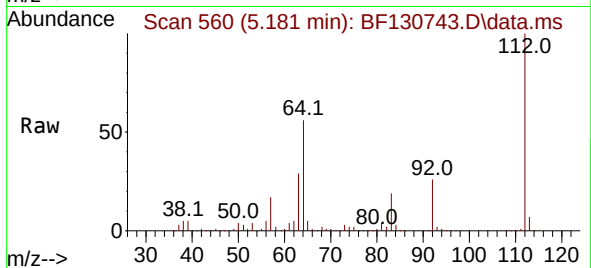
#5
2-Fluorophenol
Concen: 157.088 ng
RT: 5.181 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB148422BS

Tgt Ion:112 Resp: 86590
Ion Ratio Lower Upper
112 100
64 56.1 46.2 69.4
63 28.9 25.1 37.7

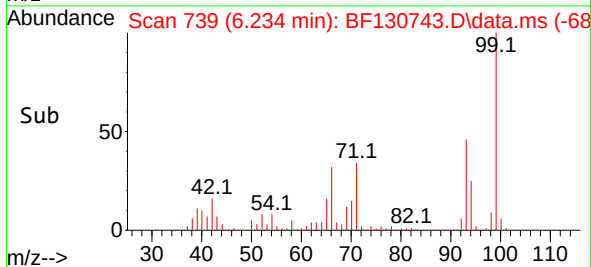
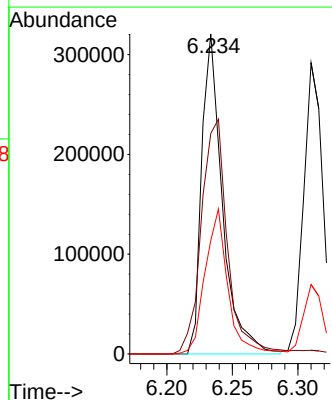
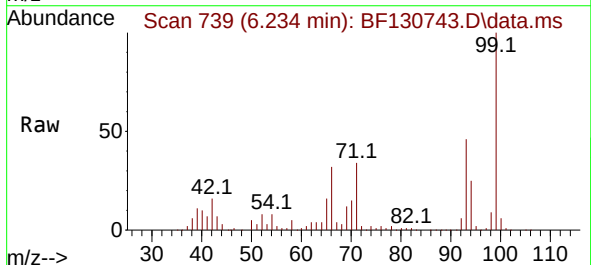
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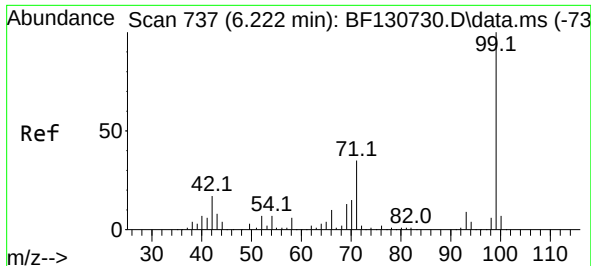
Reviewed By :Christian Giraldo 10/24/2022
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#6
Aniline
Concen: 46.059 ng
RT: 6.234 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 93 Resp: 353912
Ion Ratio Lower Upper
93 100
66 68.8 57.9 86.9
65 35.4 33.0 49.6





#7

Phenol-d6

Concen: 154.558 ng

RT: 6.228 min Scan# 710

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

Tgt Ion: 99 Resp: 1030798

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

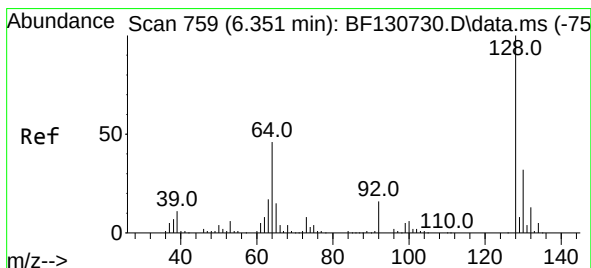
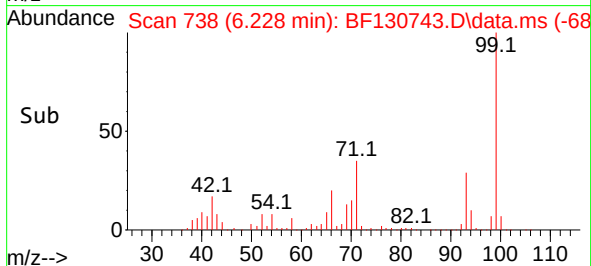
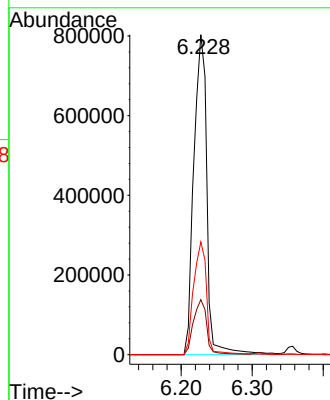
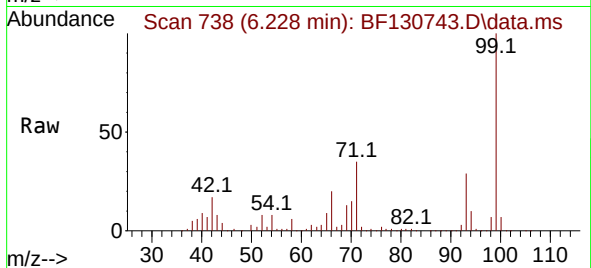
71 35.3 28.3 42.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/24/2022



#8

2-Chlorophenol

Concen: 52.346 ng

RT: 6.357 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

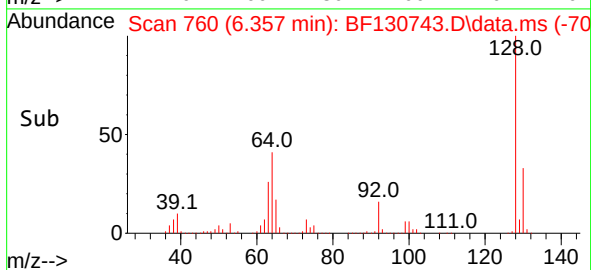
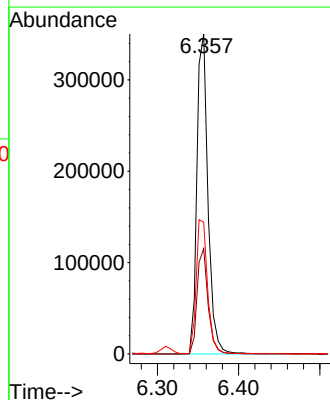
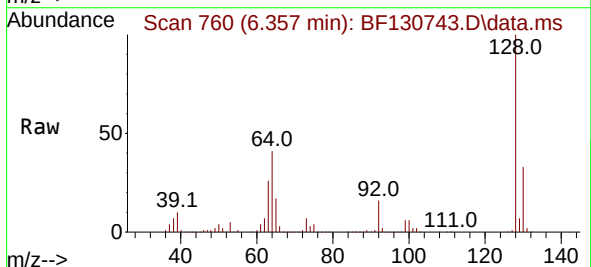
Tgt Ion:128 Resp: 333870

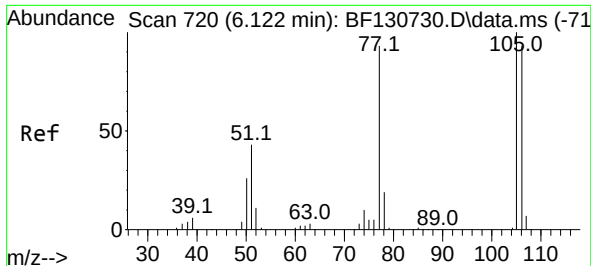
Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

64 41.2 26.8 66.8





#9
Benzaldehyde
Concen: 25.234 ng
RT: 6.122 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

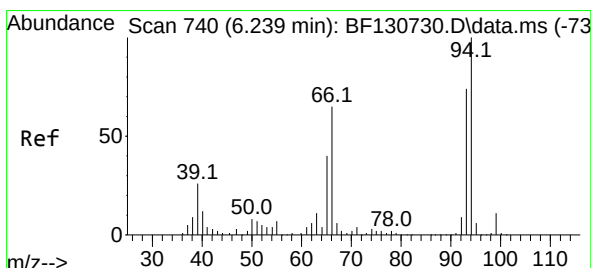
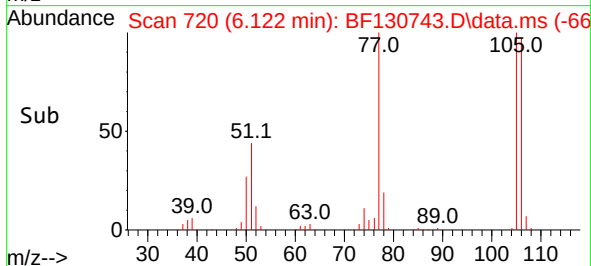
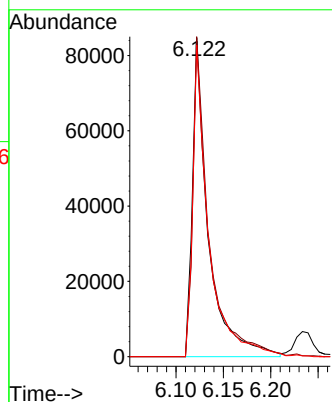
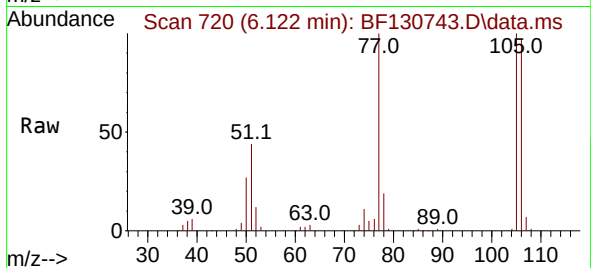
PB148422BS

Tgt Ion: 77 Resp: 98260
Ion Ratio Lower Upper
77 100
105 100.4 87.1 127.1
106 97.8 79.5 119.5

Manual Integrations

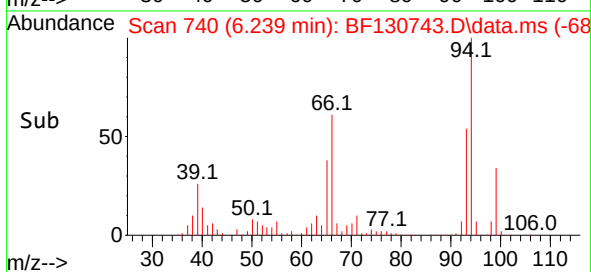
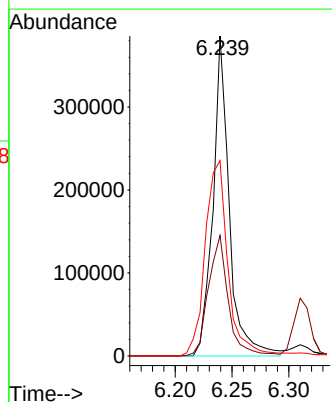
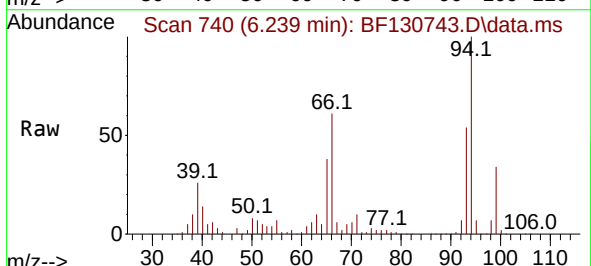
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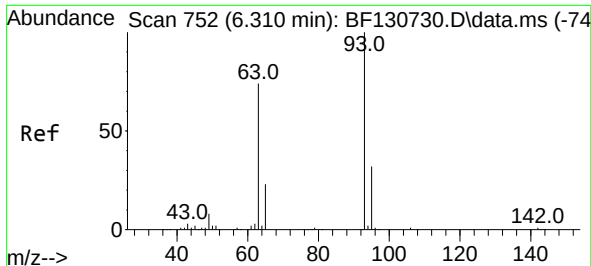
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#10
Phenol
Concen: 52.527 ng
RT: 6.239 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 94 Resp: 386222
Ion Ratio Lower Upper
94 100
65 37.7 20.3 60.3
66 61.1 45.2 85.2





#11

bis(2-Chloroethyl)ether

Concen: 54.230 ng

RT: 6.310 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

Tgt Ion: 93 Resp: 296164

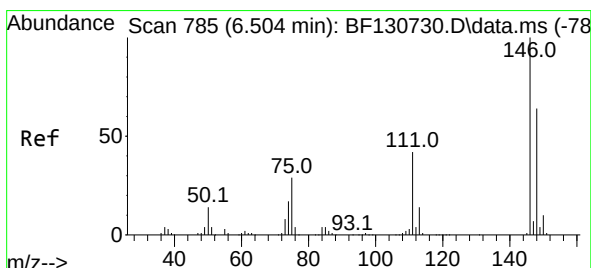
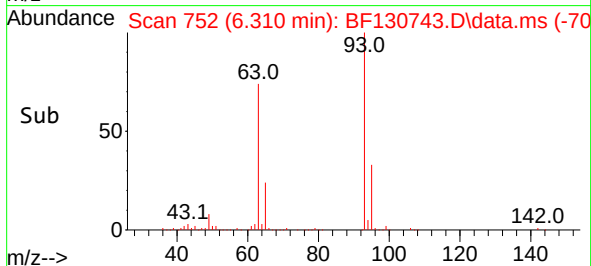
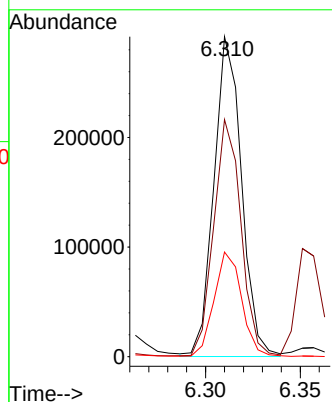
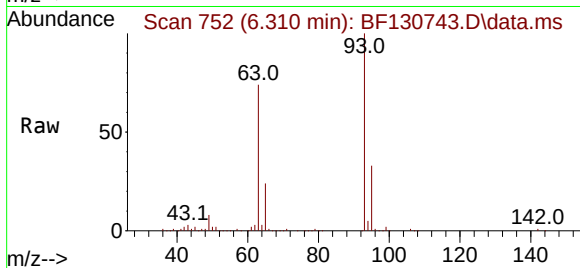
Ion	Ratio	Lower	Upper
93	100		
63	74.1	53.6	93.6
95	32.7	11.8	51.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#12

1,3-Dichlorobenzene

Concen: 49.525 ng

RT: 6.504 min Scan# 785

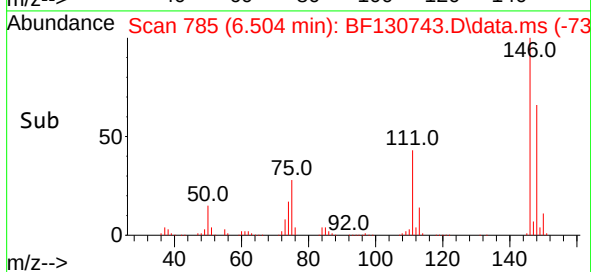
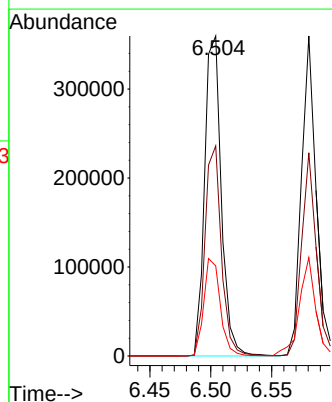
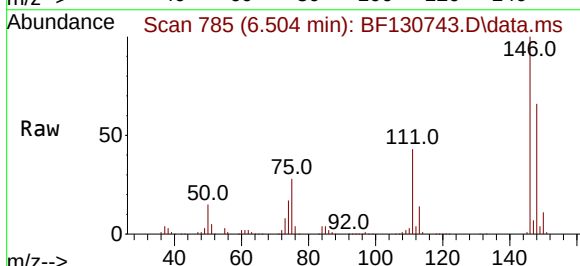
Delta R.T. -0.000 min

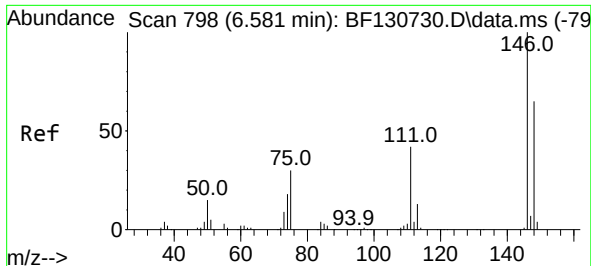
Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Tgt Ion:146 Resp: 343148

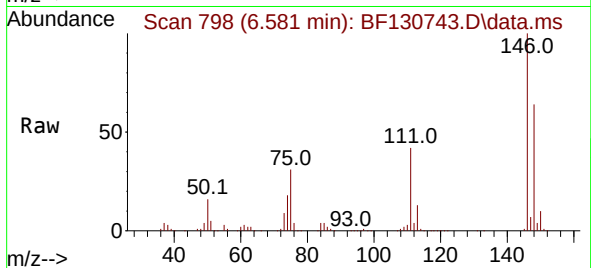
Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.9	76.3
75	28.1	22.9	34.3





#13
1,4-Dichlorobenzene
Concen: 43.172 ng
RT: 6.581 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

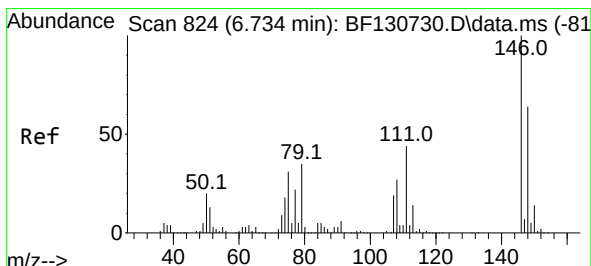
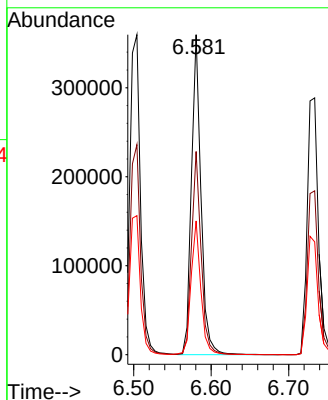
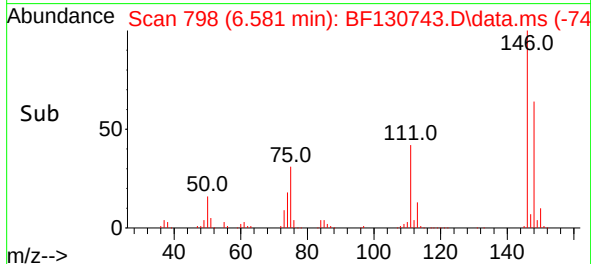
Instrument :
BNA_F
ClientSampleId :
PB148422BS



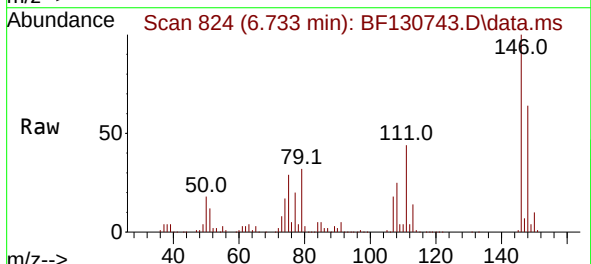
Tgt Ion:146 Resp: 307672
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 41.8 33.8 50.8

Manual Integrations
APPROVED

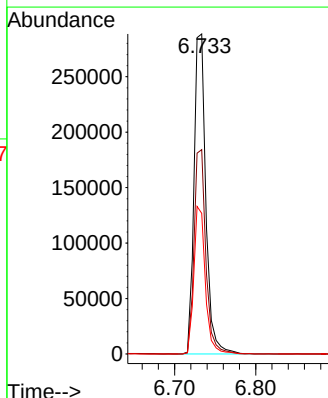
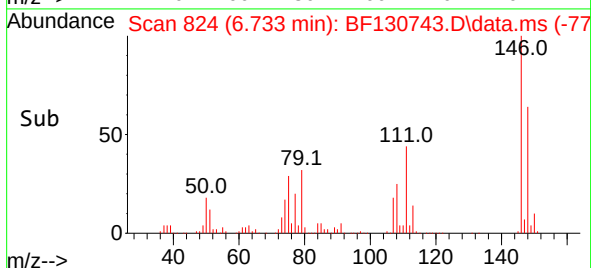
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

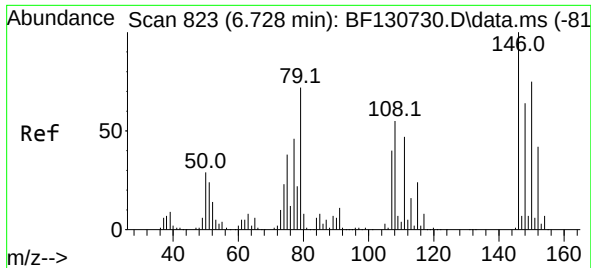


#14
1,2-Dichlorobenzene
Concen: 43.741 ng
RT: 6.733 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



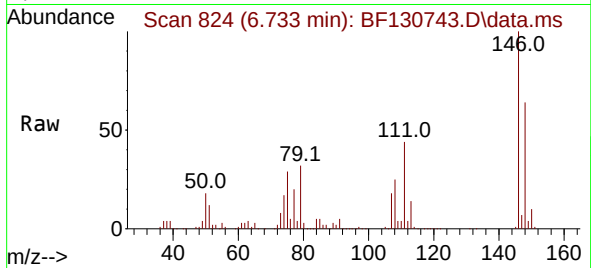
Tgt Ion:146 Resp: 294519
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 39.811 ng
RT: 6.733 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

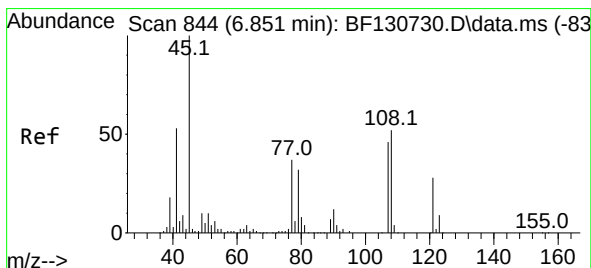
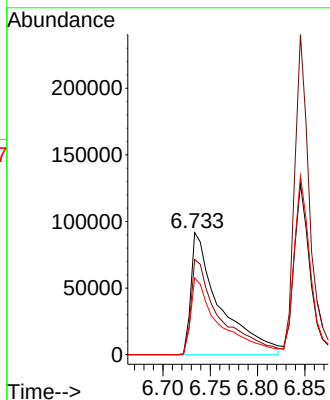
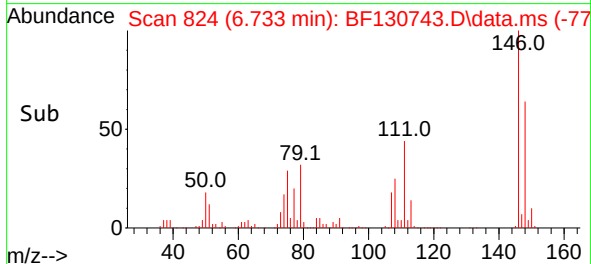
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion: 79 Resp: 19475
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.2
77 62.9 51.4 77.0

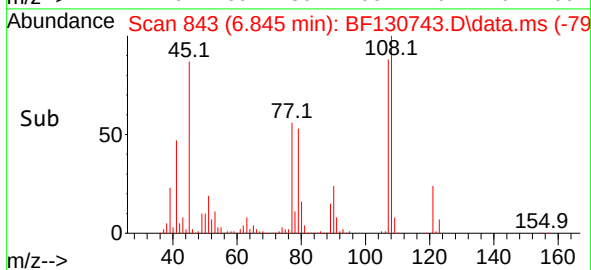
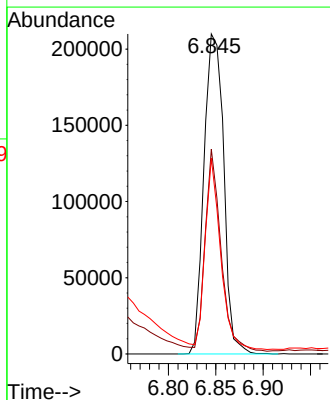
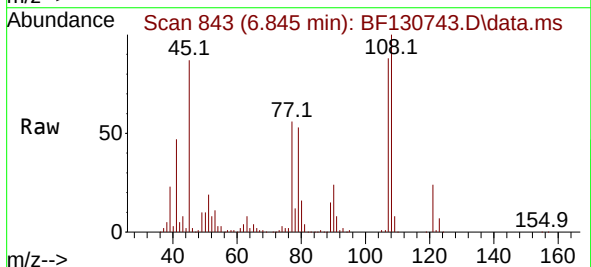
Manual Integrations
APPROVED

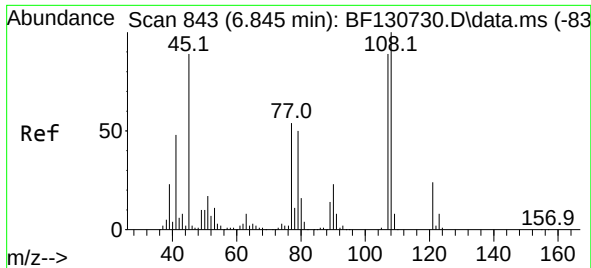
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.171 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion: 45 Resp: 302423
Ion Ratio Lower Upper
45 100
77 64.0 17.7 57.7#
79 61.1 13.8 53.8#





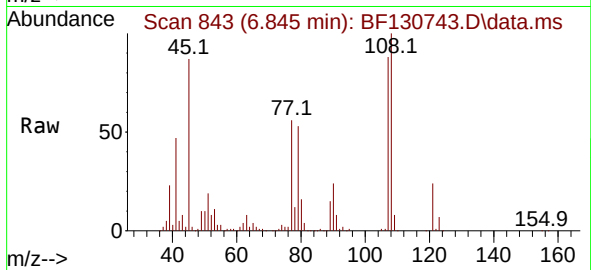
#17
2-Methylphenol
Concen: 43.445 ng
RT: 6.845 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

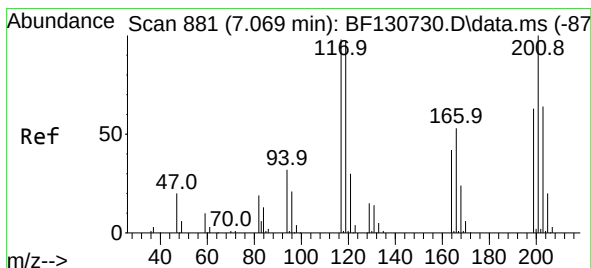
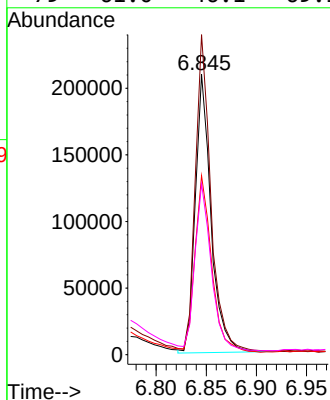
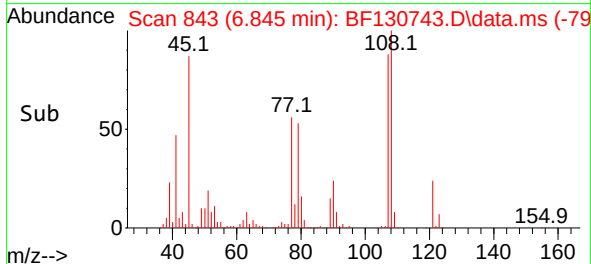


Tgt Ion:107 Resp: 22795
Ion Ratio Lower Upper
107 100
108 114.2 90.4 135.6
77 63.8 48.9 73.3
79 61.0 46.1 69.1

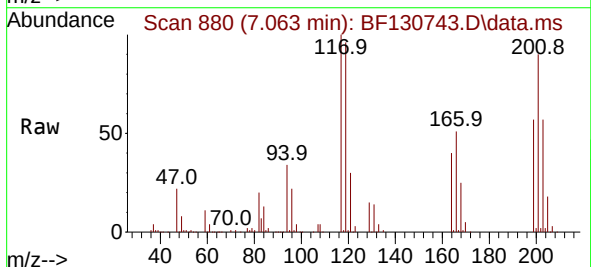
Manual Integrations

APPROVED

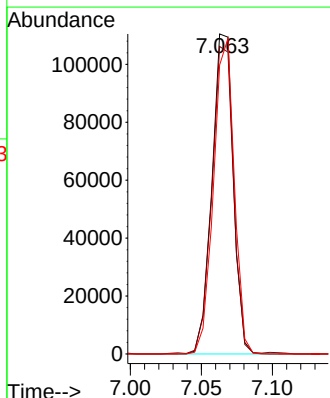
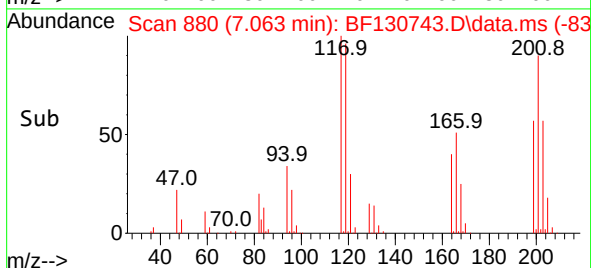
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

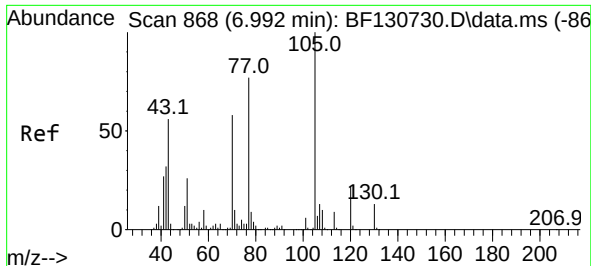


#18
Hexachloroethane
Concen: 43.452 ng
RT: 7.063 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:117 Resp: 115653
Ion Ratio Lower Upper
117 100
119 96.1 79.1 118.7
201 90.3 81.5 122.3





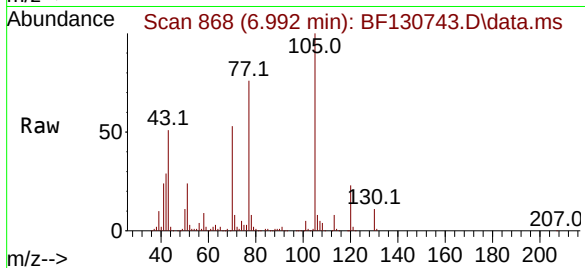
#19
n-Nitroso-di-n-propylamine
Concen: 43.190 ng
RT: 6.992 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

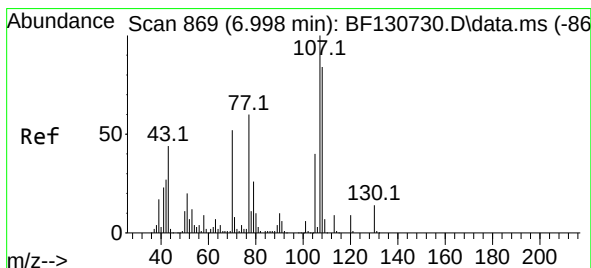
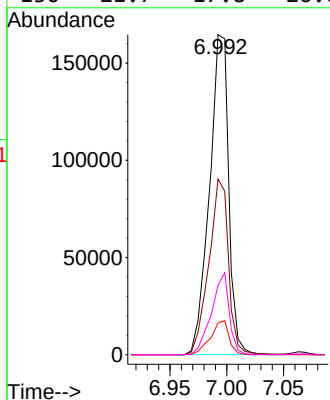
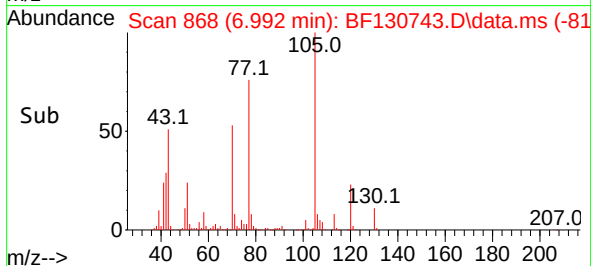


Tgt Ion: 70 Resp: 194639
Ion Ratio Lower Upper
70 100
42 54.9 44.1 66.1
101 9.9 8.3 12.5
130 21.7 17.8 26.6

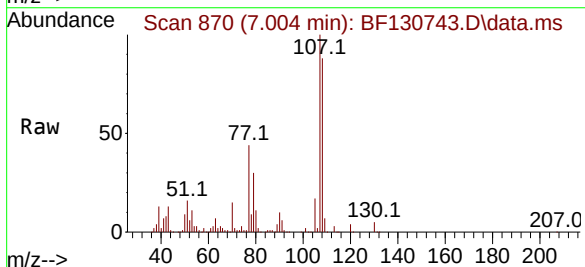
Manual Integrations

APPROVED

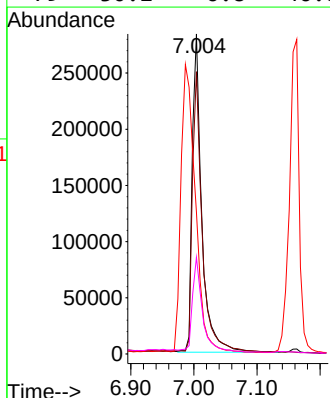
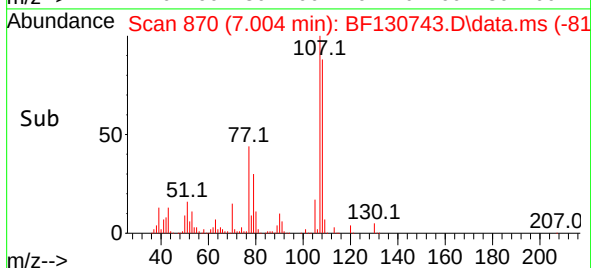
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

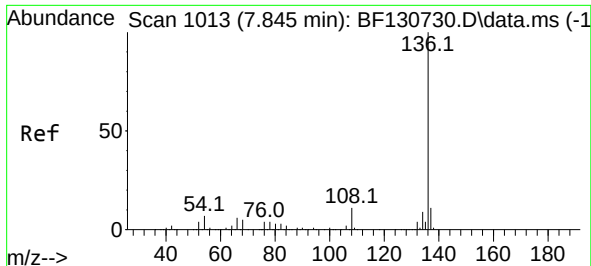


#20
3+4-Methylphenols
Concen: 43.521 ng
RT: 7.004 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:107 Resp: 299302
Ion Ratio Lower Upper
107 100
108 88.2 64.3 104.3
77 44.3 47.7 87.7#
79 30.2 6.8 46.8





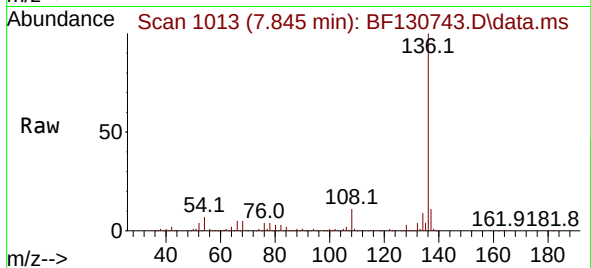
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

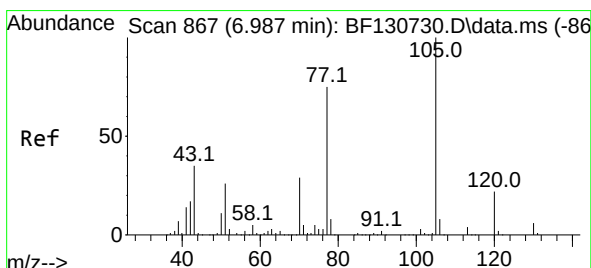
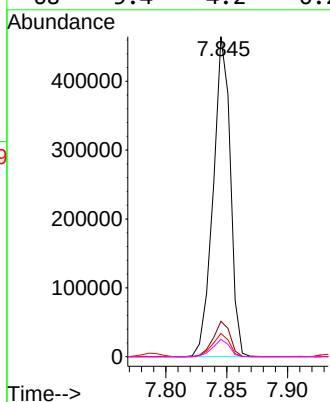
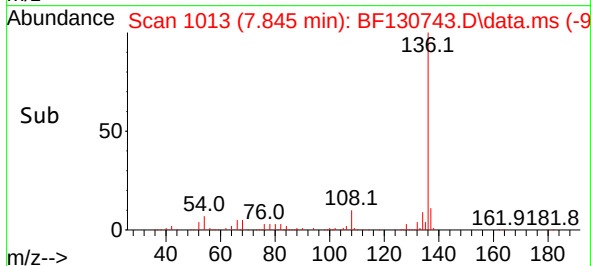


Tgt Ion:136 Resp: 45780
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 5.8 8.8
68 5.4 4.2 6.2

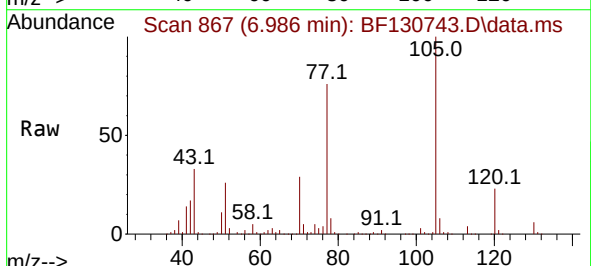
Manual Integrations

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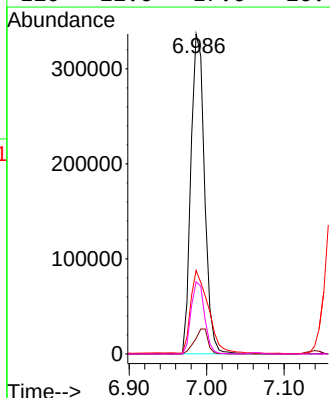
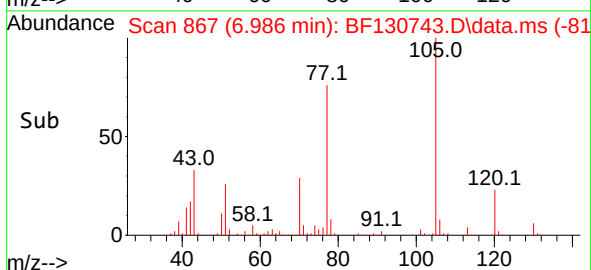
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

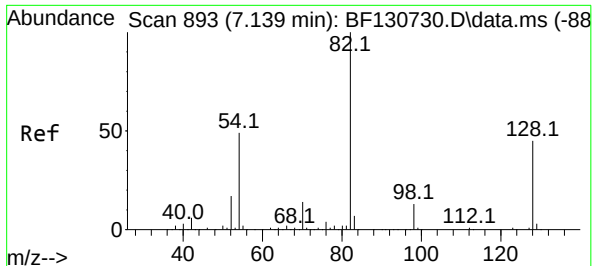


#22
Acetophenone
Concen: 36.751 ng
RT: 6.986 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:105 Resp: 410418
Ion Ratio Lower Upper
105 100
71 4.9 3.9 5.9
51 26.1 21.0 31.4
120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 66.987 ng

RT: 7.139 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

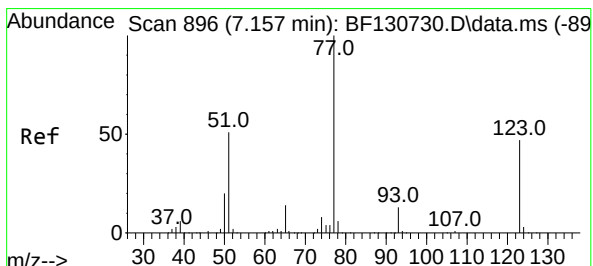
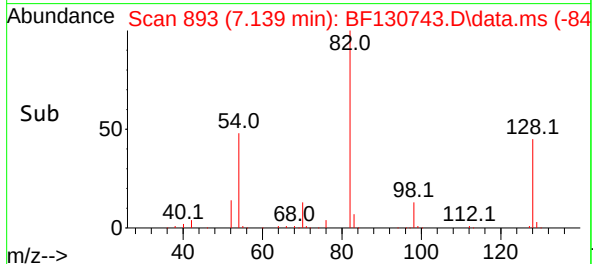
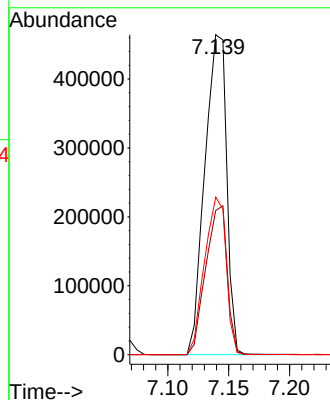
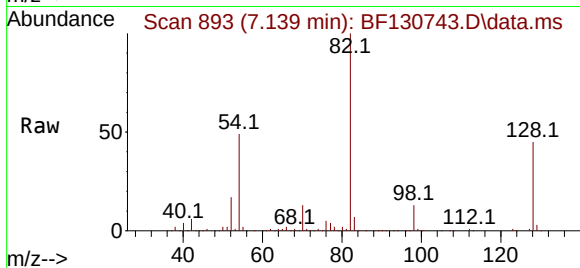
PB148422BS

Tgt Ion: 82 Resp: 578098
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.9 53.9
 54 49.2 39.2 58.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 34.518 ng

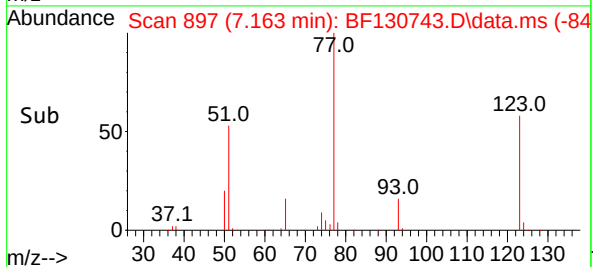
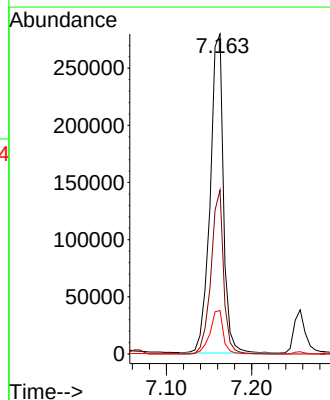
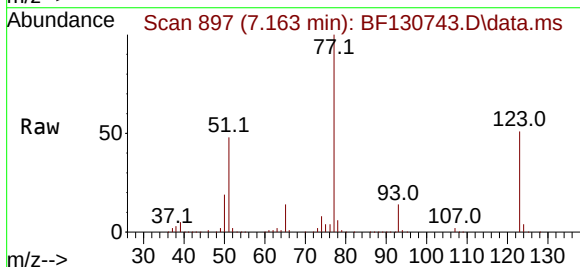
RT: 7.163 min Scan# 897

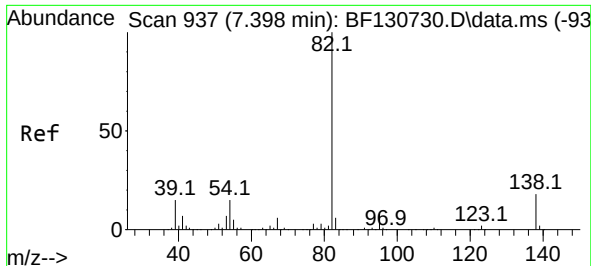
Delta R.T. 0.006 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

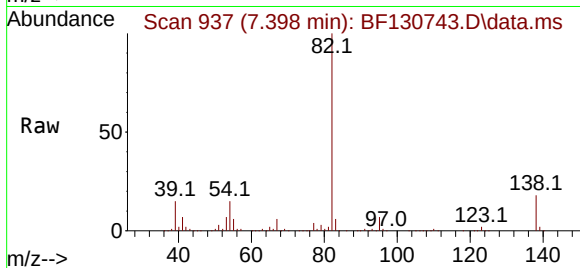
Tgt Ion: 77 Resp: 303034
 Ion Ratio Lower Upper
 77 100
 123 51.2 37.3 55.9
 65 13.6 11.1 16.7





#25
Isophorone
Concen: 39.043 ng
RT: 7.398 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

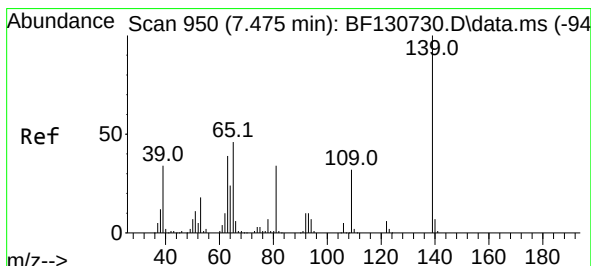
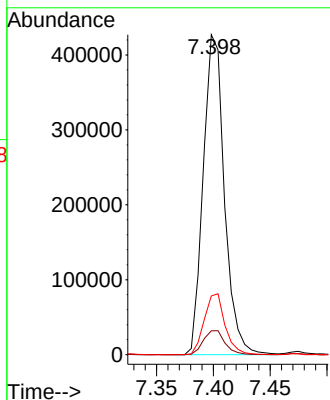
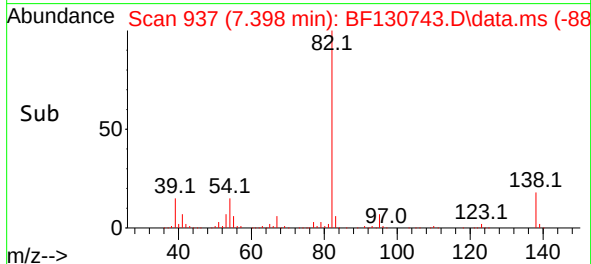
Instrument :
BNA_F
ClientSampleId :
PB148422BS



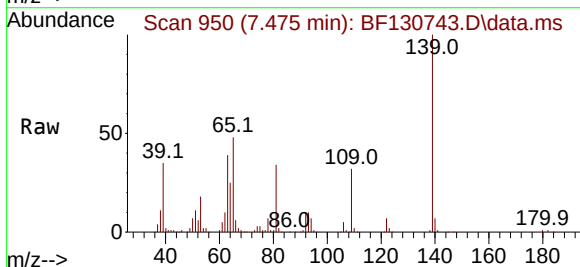
Tgt Ion: 82 Resp: 555150
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 18.3 14.6 21.8

Manual Integrations
APPROVED

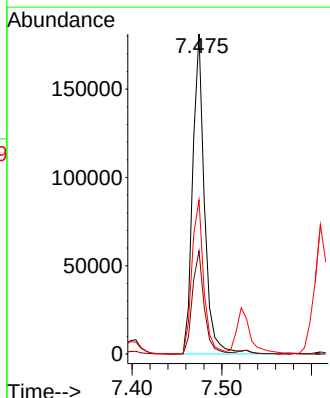
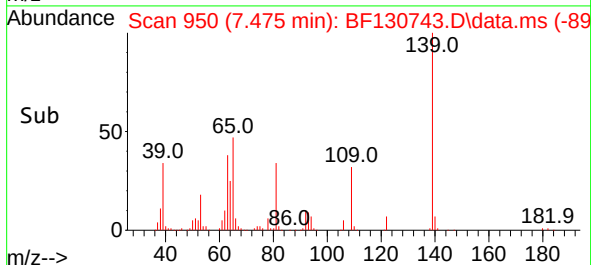
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

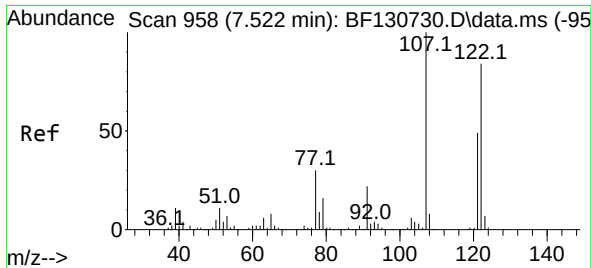


#26
2-Nitrophenol
Concen: 37.676 ng
RT: 7.475 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:139 Resp: 165832
Ion Ratio Lower Upper
139 100
109 32.2 25.4 38.2
65 48.2 36.6 54.8





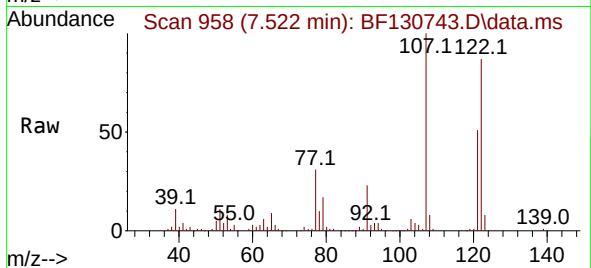
#27
2,4-Dimethylphenol
Concen: 45.268 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

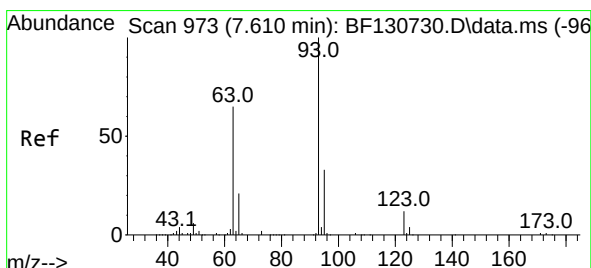
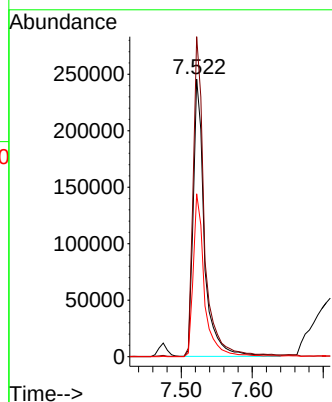
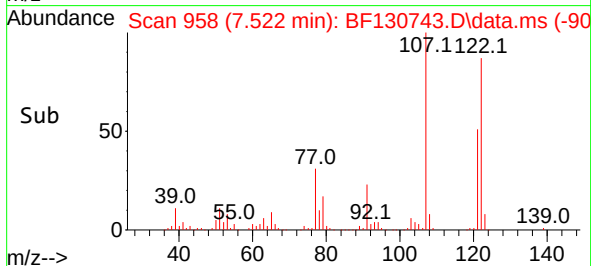
PB148422BS



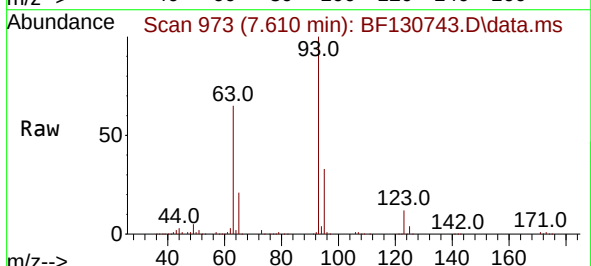
Tgt Ion:122 Resp: 26958
Ion Ratio Lower Upper
122 100
107 115.3 95.4 143.0
121 58.7 47.1 70.7

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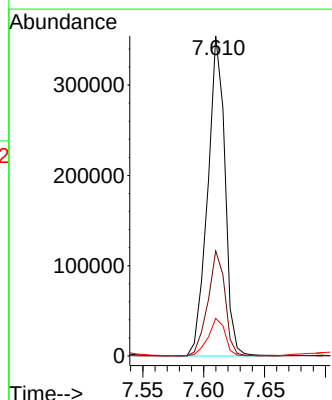
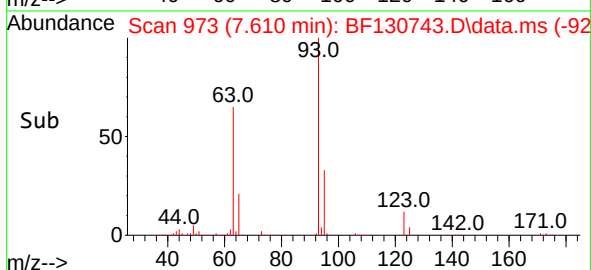
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

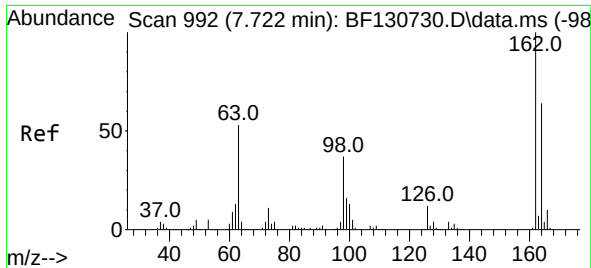


#28
bis(2-Chloroethoxy)methane
Concen: 42.388 ng
RT: 7.610 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion: 93 Resp: 349122
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 11.8 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 44.550 ng

RT: 7.722 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF130743.D

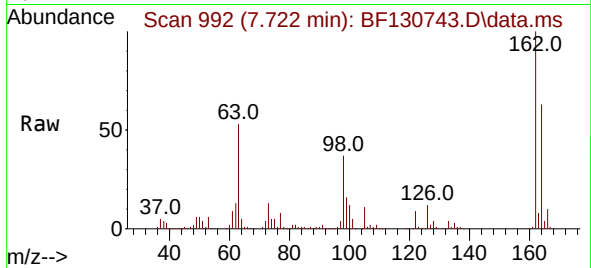
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS



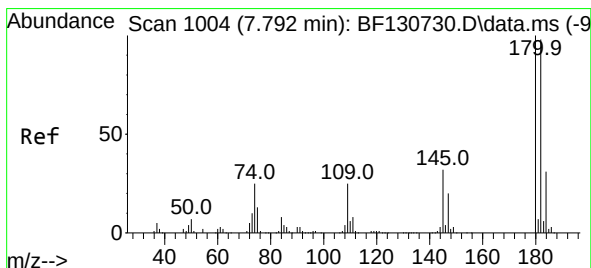
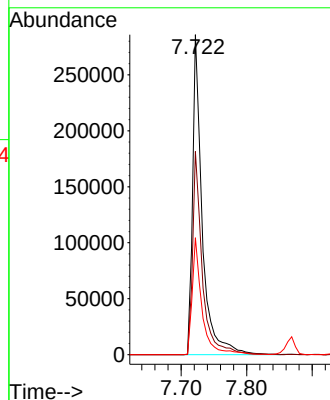
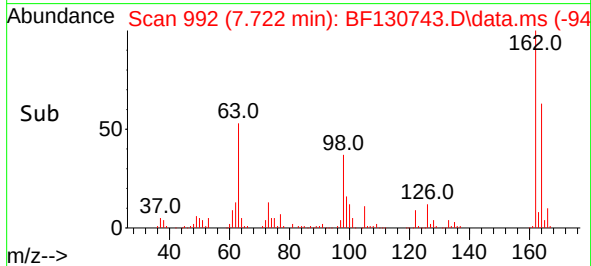
Tgt Ion:162	Resp:	292544
Ion Ratio	Lower	Upper
162	100	
164	63.5	44.1 84.1
98	36.5	16.7 56.7

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: 42.427 ng

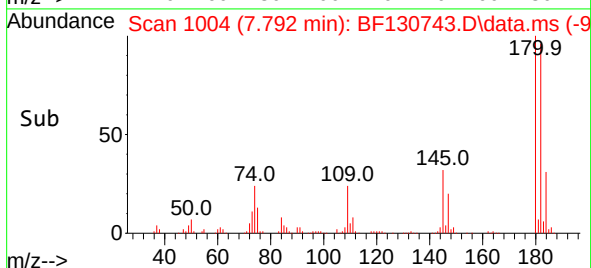
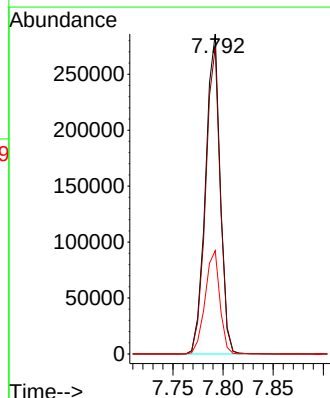
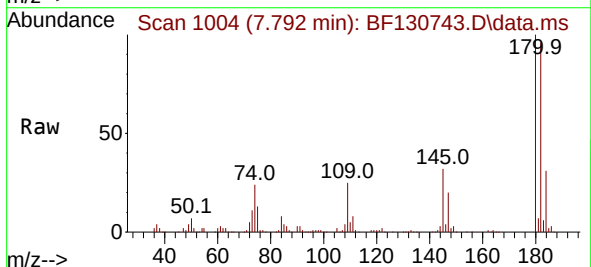
RT: 7.792 min Scan# 1004

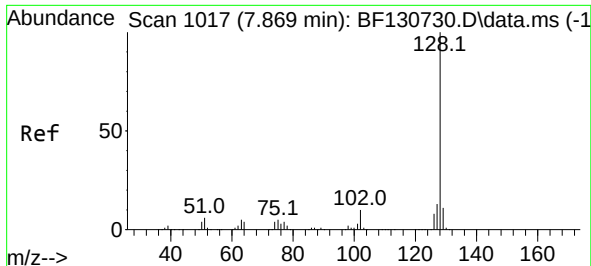
Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Tgt Ion:180	Resp:	292575
Ion Ratio	Lower	Upper
180	100	
182	95.7	78.2 117.2
145	32.3	25.9 38.9





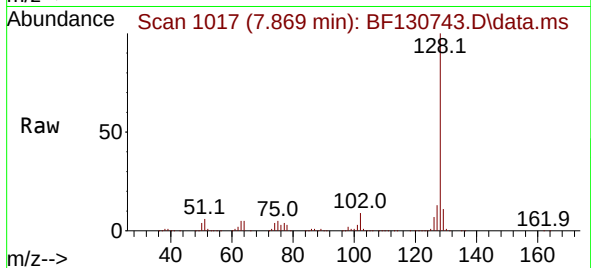
#31
Naphthalene
Concen: 41.300 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

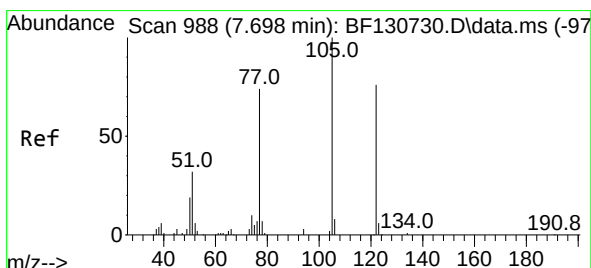
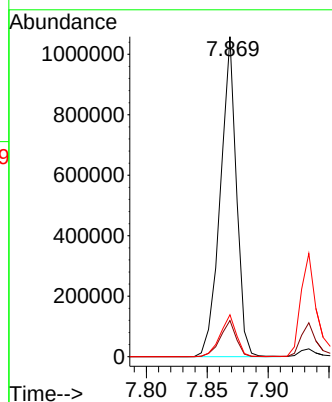
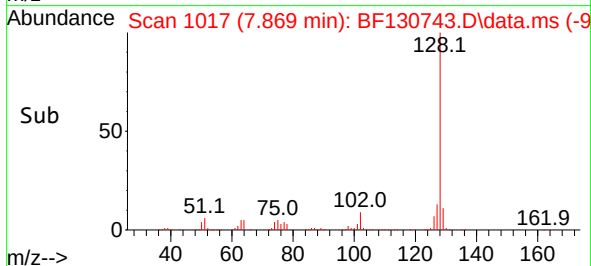


Tgt Ion:128 Resp: 97488
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.6 16.0

Manual Integrations

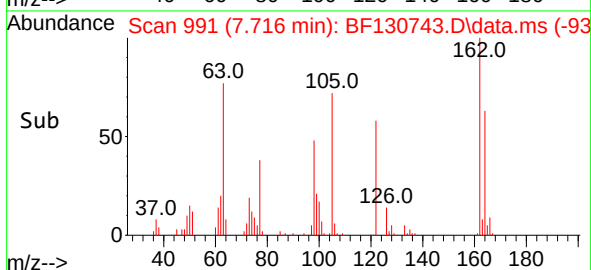
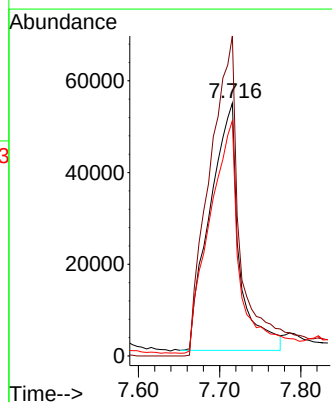
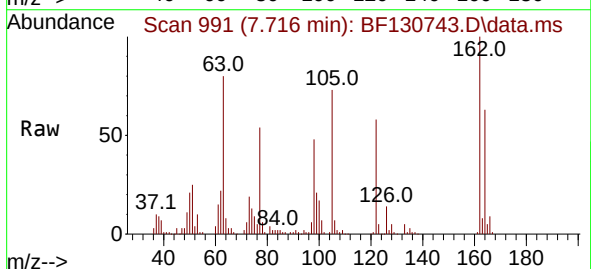
APPROVED

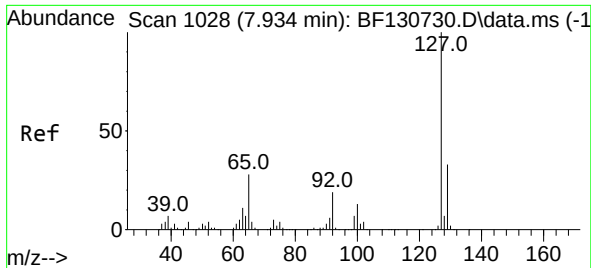
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#32
Benzoic acid
Concen: 40.699 ng
RT: 7.716 min Scan# 991
Delta R.T. 0.018 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:122 Resp: 136701
Ion Ratio Lower Upper
122 100
105 126.6 109.2 149.2
77 93.0 75.7 115.7





#33
4-Chloroaniline
Concen: 37.109 ng
RT: 7.933 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

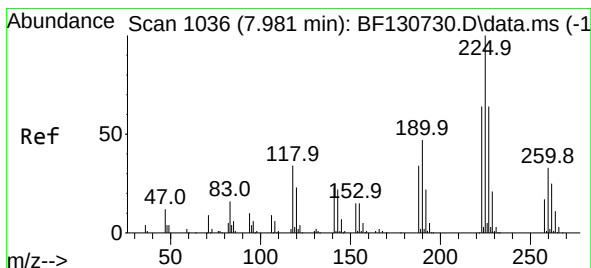
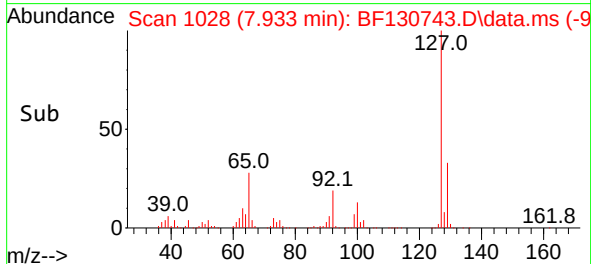
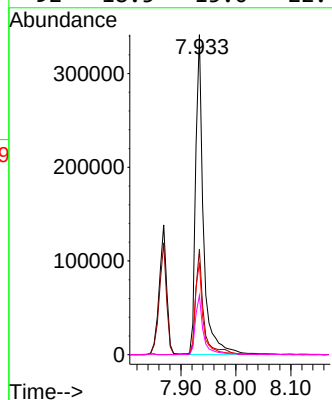
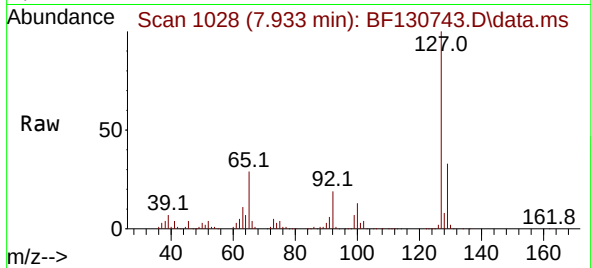
PB148422BS

Tgt Ion:127 Resp: 33699
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 28.7 22.6 33.8
92 18.5 15.0 22.4

Manual Integrations

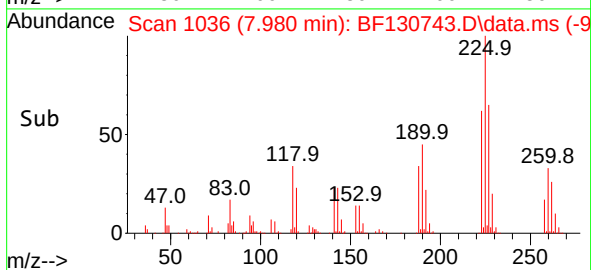
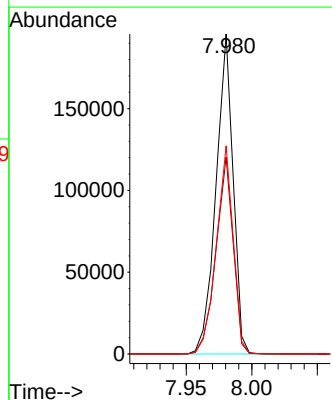
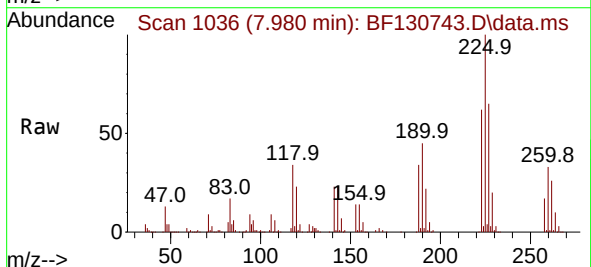
APPROVED

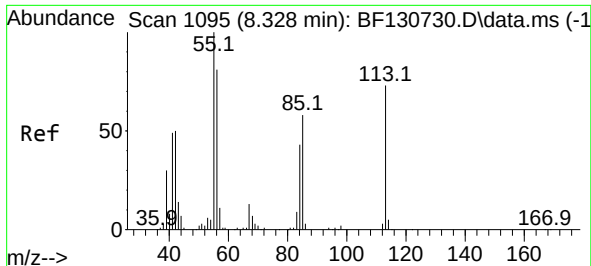
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#34
Hexachlorobutadiene
Concen: 40.387 ng
RT: 7.980 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

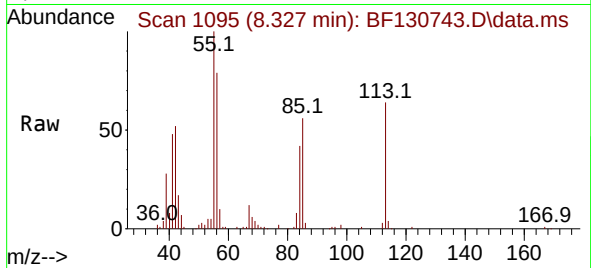
Tgt Ion:225 Resp: 177071
Ion Ratio Lower Upper
225 100
223 61.5 51.0 76.6
227 65.1 51.3 76.9





#35
Caprolactam
Concen: 43.820 ng m
RT: 8.327 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

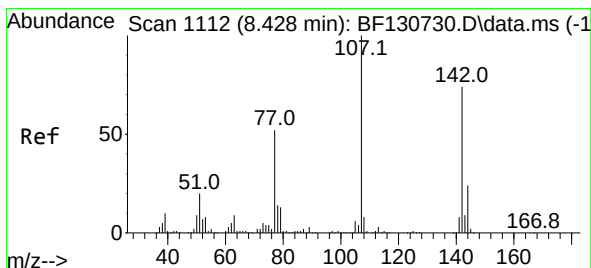
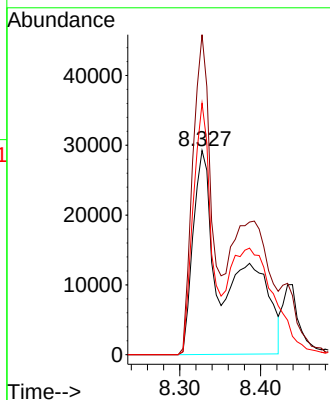
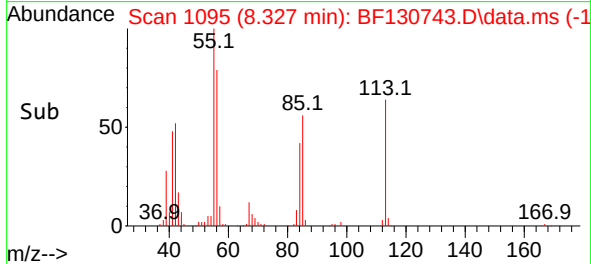
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion:113 Resp: 8993
Ion Ratio Lower Upper
113 100
55 156.7 116.4 156.4
56 123.2 91.0 131.0

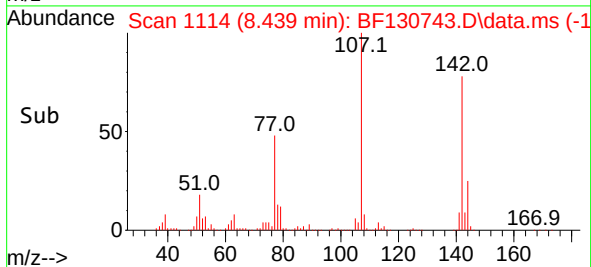
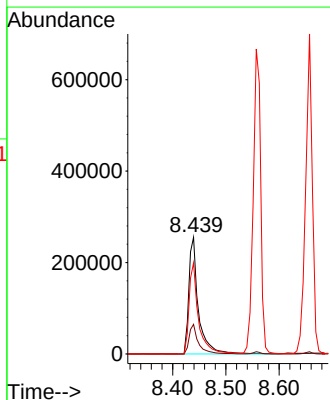
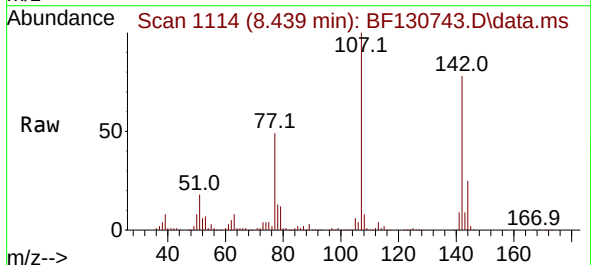
Manual Integrations
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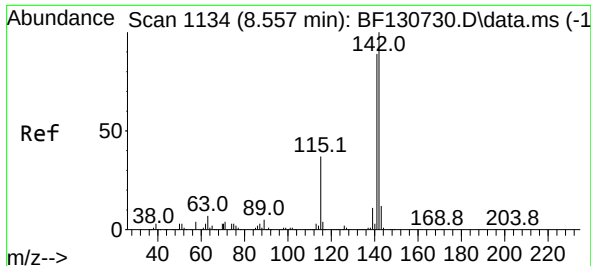
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#36
4-Chloro-3-methylphenol
Concen: 45.134 ng
RT: 8.439 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:107 Resp: 320326
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 78.0 59.6 89.4





#37

2-Methylnaphthalene

Concen: 41.874 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

Tgt Ion:142 Resp: 647619

Ion Ratio Lower Upper

142 100

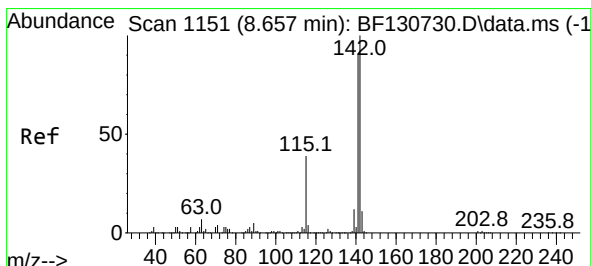
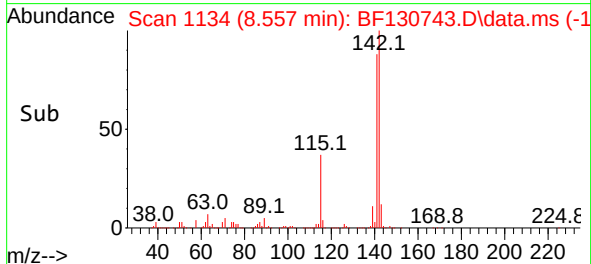
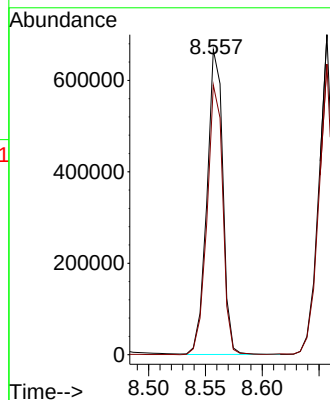
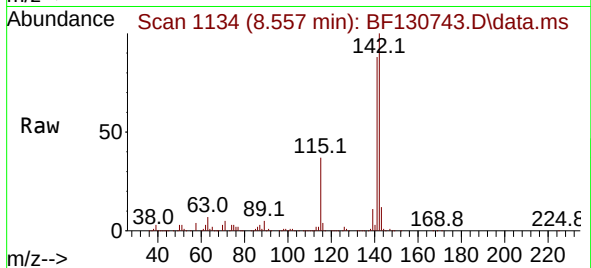
141 88.5 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#38

1-Methylnaphthalene

Concen: 39.741 ng

RT: 8.657 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130743.D

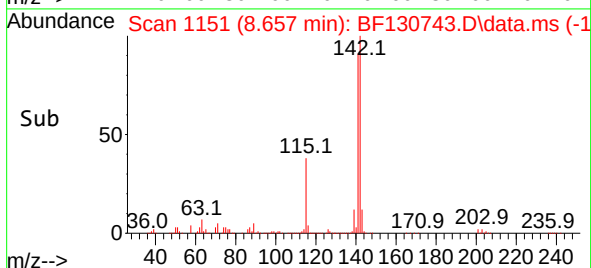
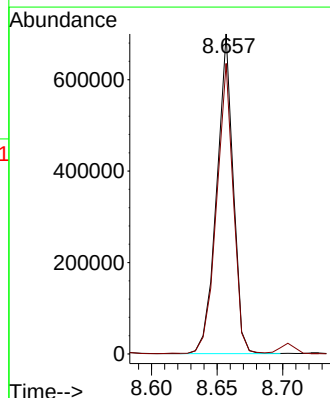
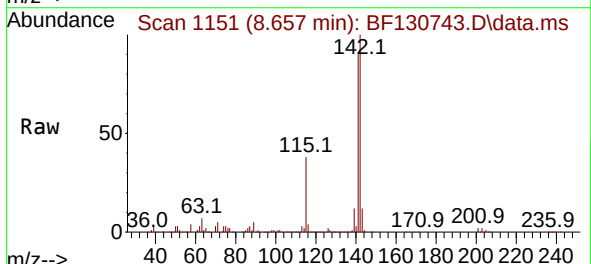
Acq: 21 Oct 2022 14:07

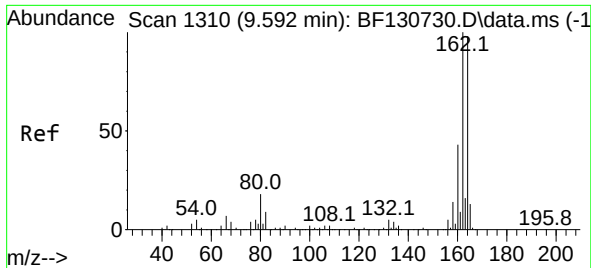
Tgt Ion:142 Resp: 609377

Ion Ratio Lower Upper

142 100

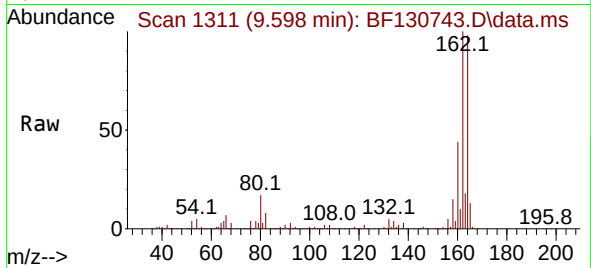
141 90.8 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

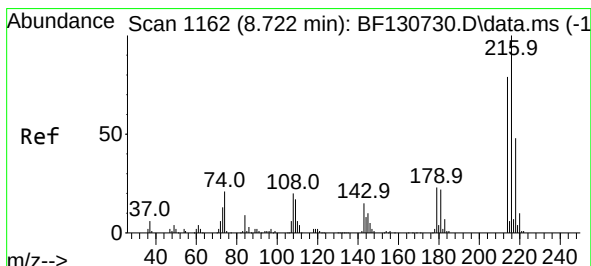
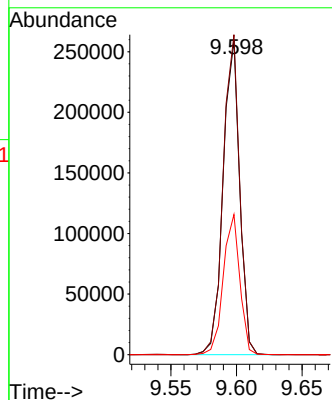
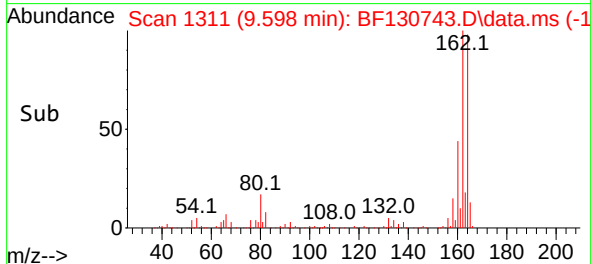
Instrument :
BNA_F
ClientSampleId :
PB148422BS



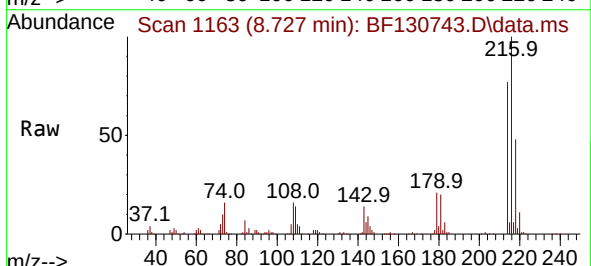
Tgt Ion:164 Resp: 227432
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.6 35.0 52.4

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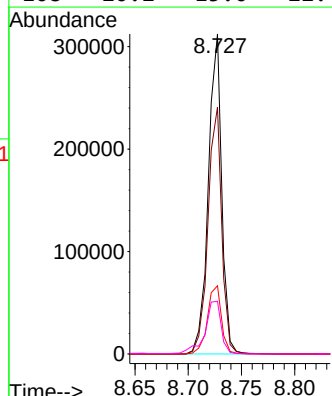
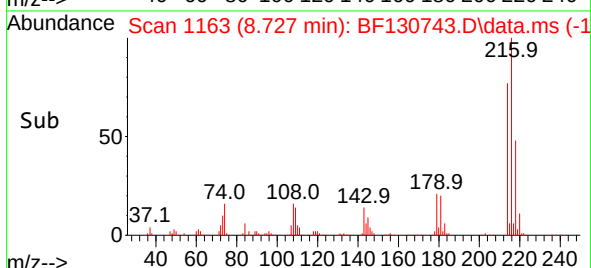
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

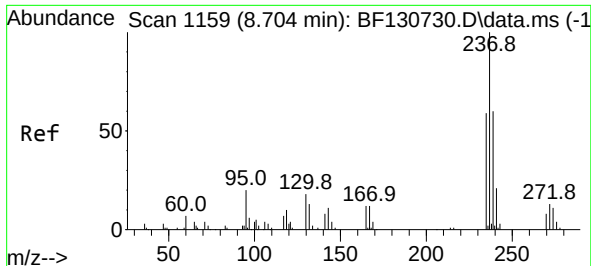


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.245 ng
RT: 8.727 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:216 Resp: 273057
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 22.4 18.1 27.1
108 20.2 15.0 22.4





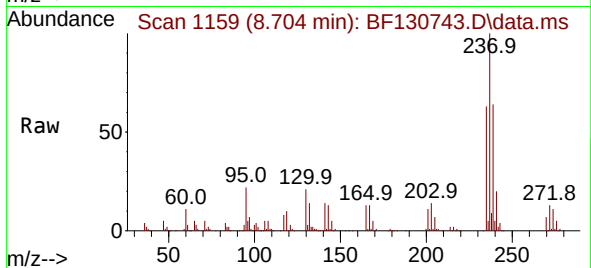
#41
Hexachlorocyclopentadiene
Concen: 106.335 ng
RT: 8.704 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

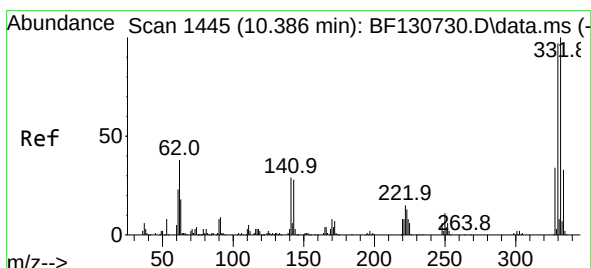
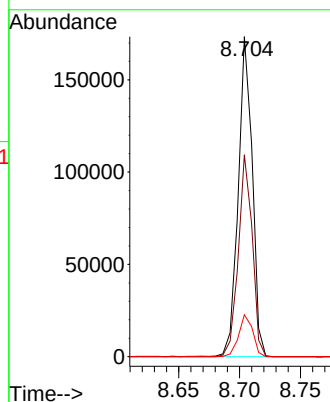
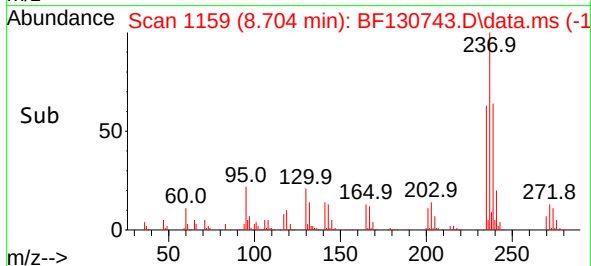


Tgt Ion:237 Resp: 139160
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 13.1 0.0 33.1

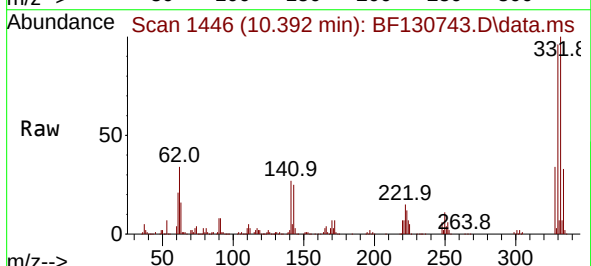
Manual Integrations

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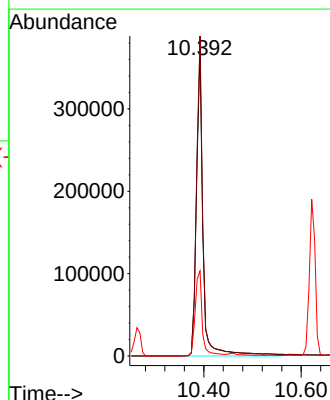
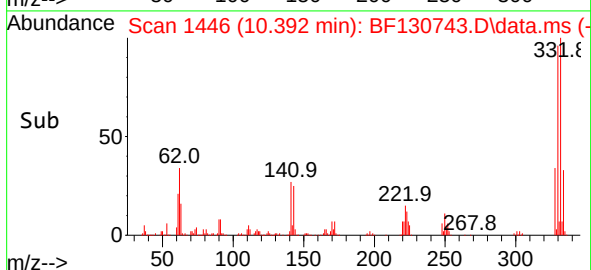
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

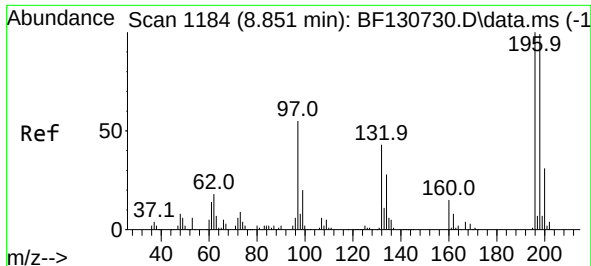


#42
2,4,6-Tribromophenol
Concen: 161.776 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:330 Resp: 349901
Ion Ratio Lower Upper
330 100
332 102.7 81.4 122.2
141 29.9 24.6 37.0





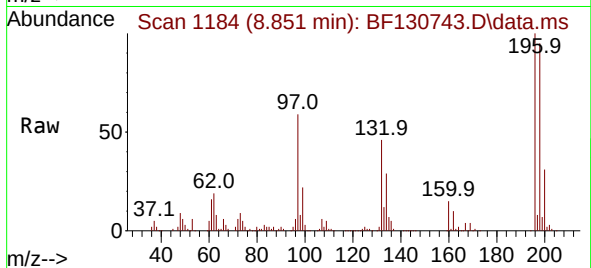
#43
2,4,6-Trichlorophenol
Concen: 47.335 ng
RT: 8.851 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

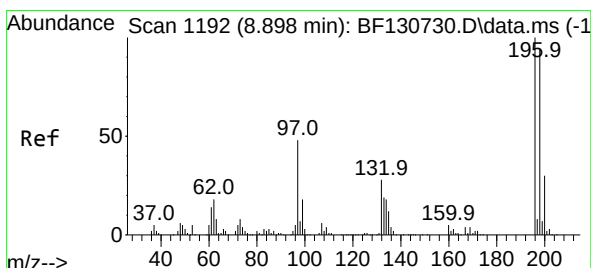
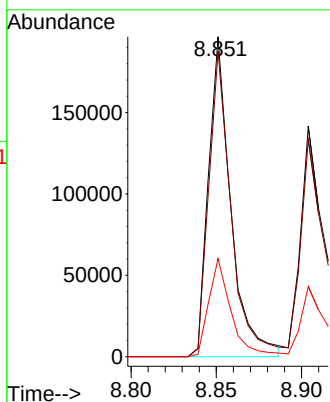
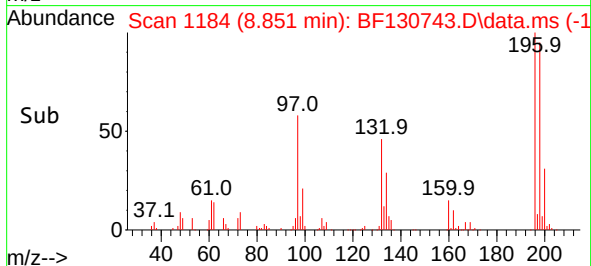


Tgt Ion:196 Resp: 17979
Ion Ratio Lower Upper
196 100
198 95.4 78.9 118.3
200 30.6 25.0 37.4

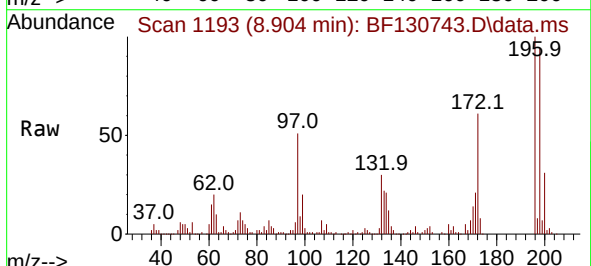
Manual Integrations

APPROVED

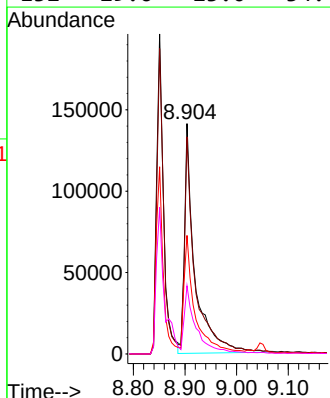
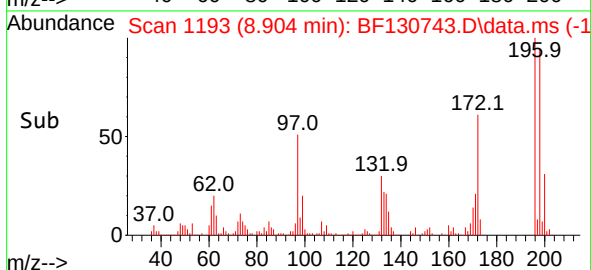
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

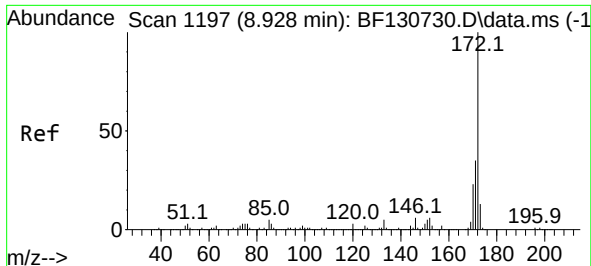


#44
2,4,5-Trichlorophenol
Concen: 48.211 ng
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



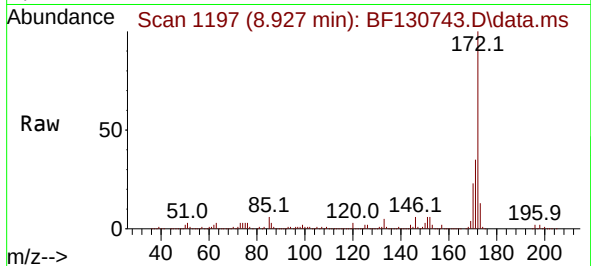
Tgt Ion:196 Resp: 199151
Ion Ratio Lower Upper
196 100
198 94.3 75.1 112.7
97 51.5 38.7 58.1
132 29.6 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 83.421 ng
RT: 8.927 min Scan# 1197
Delta R.T. -0.001 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

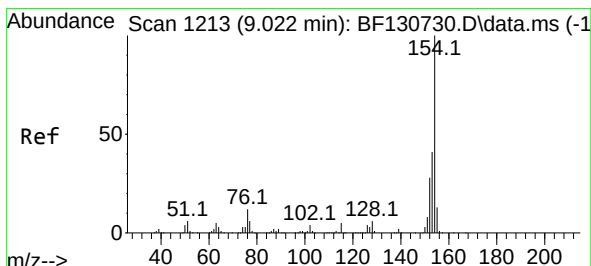
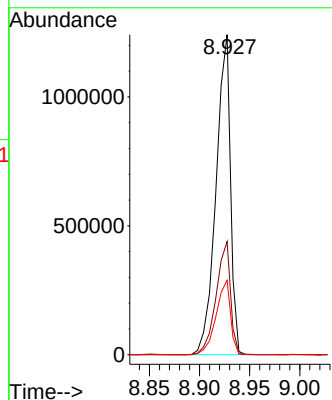
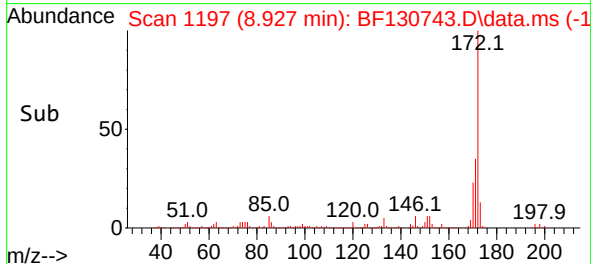
Instrument :
BNA_F
ClientSampleId :
PB148422BS



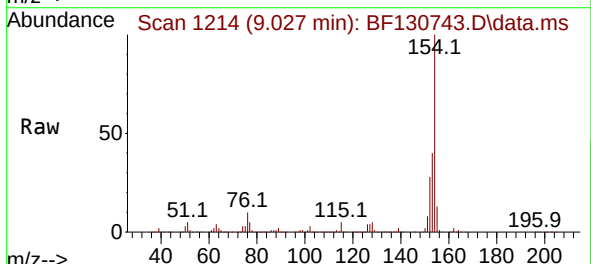
Tgt Ion:172 Resp: 1244974
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.3 18.5 27.7

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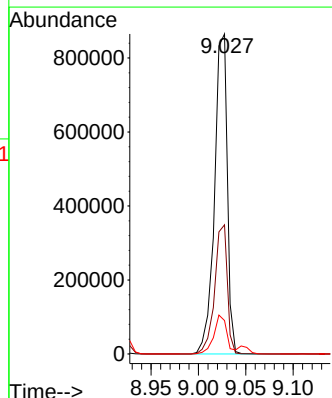
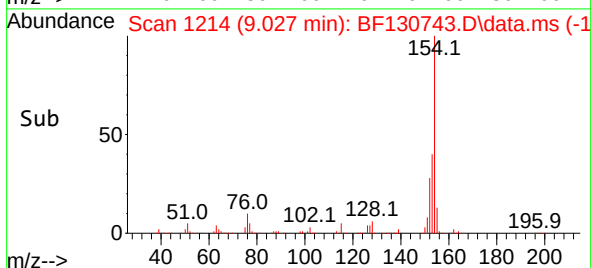
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

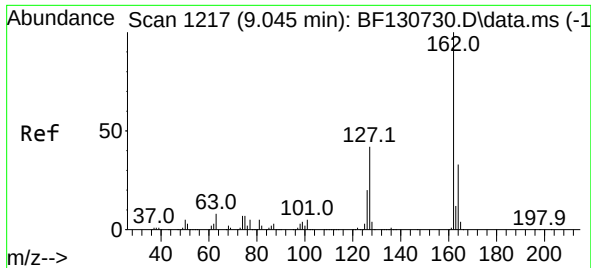


#46
1,1'-Biphenyl
Concen: 51.095 ng
RT: 9.027 min Scan# 1214
Delta R.T. 0.005 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:154 Resp: 810531
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 10.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 47.549 ng
RT: 9.051 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

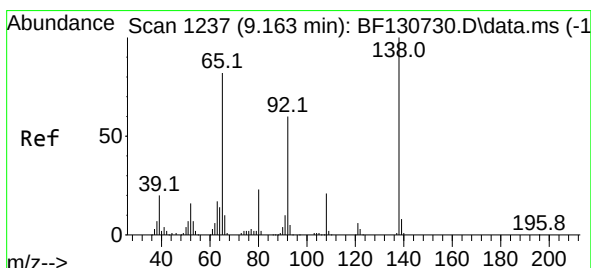
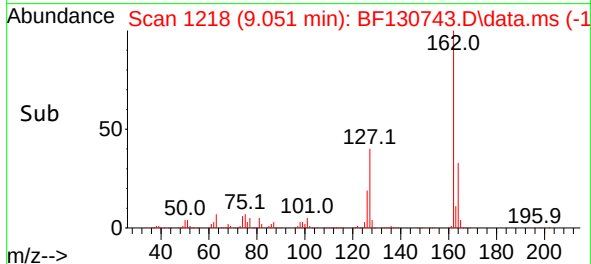
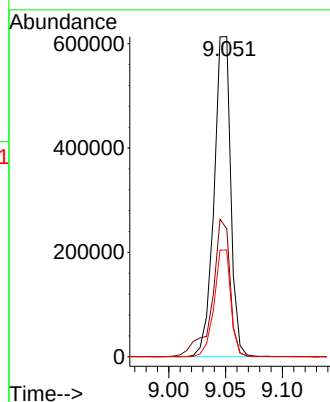
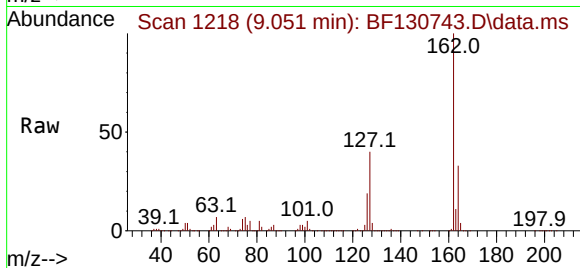
ClientSampleId :

PB148422BS

Tgt Ion:162 Resp: 627260
Ion Ratio Lower Upper
162 100
127 40.0 34.0 51.0
164 33.3 26.5 39.7

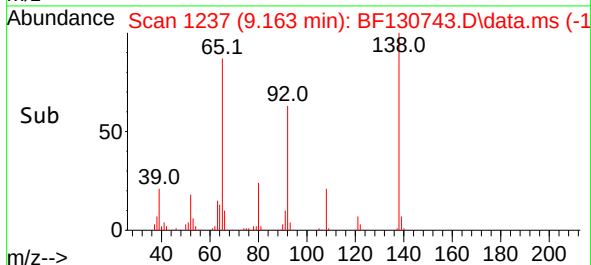
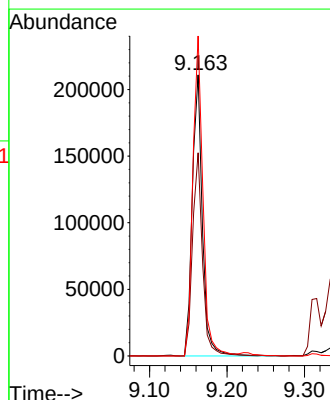
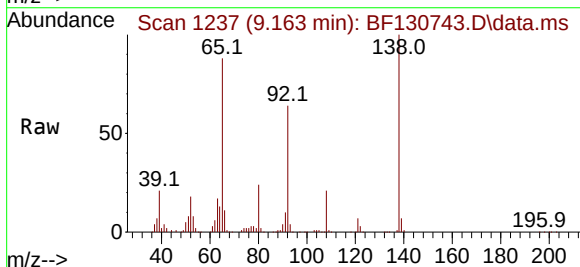
Manual Integrations
APPROVED

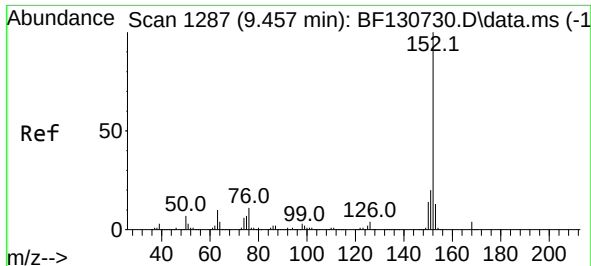
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#48
2-Nitroaniline
Concen: 47.281 ng
RT: 9.163 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

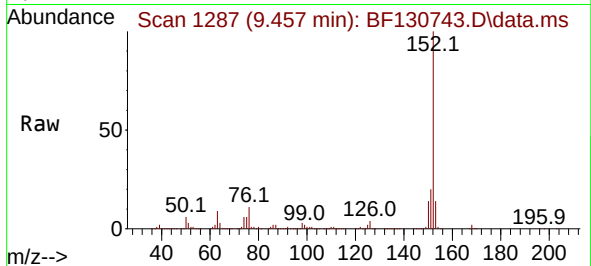
Tgt Ion: 65 Resp: 191444
Ion Ratio Lower Upper
65 100
92 72.3 58.6 88.0
138 113.8 97.0 145.6





#49
Acenaphthylene
Concen: 49.098 ng
RT: 9.457 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

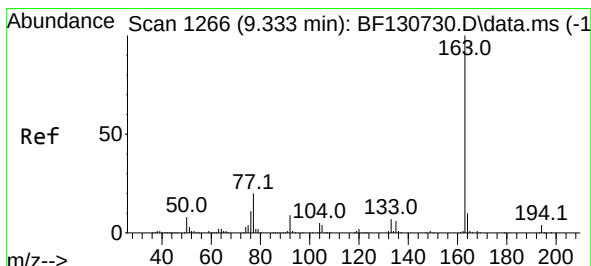
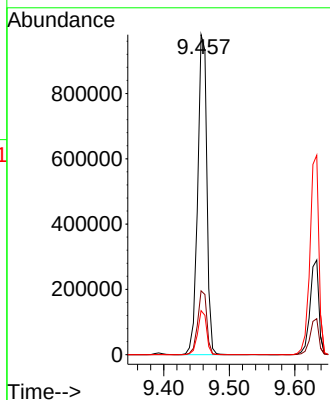
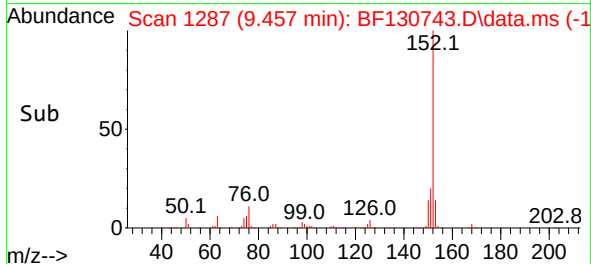
Instrument :
BNA_F
ClientSampleId :
PB148422BS



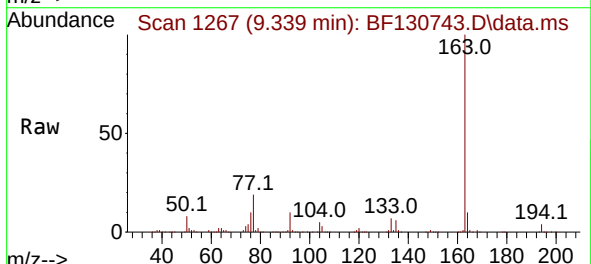
Tgt Ion:152 Resp: 954339
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.7 10.5 15.7

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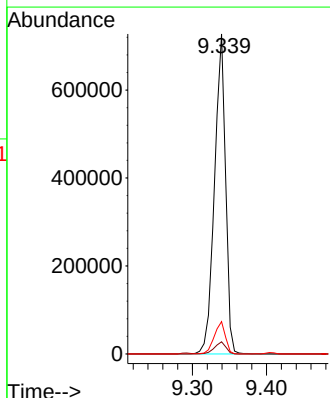
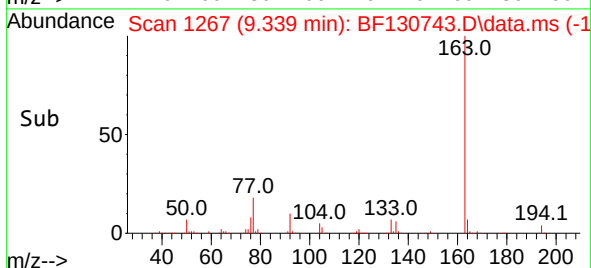
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

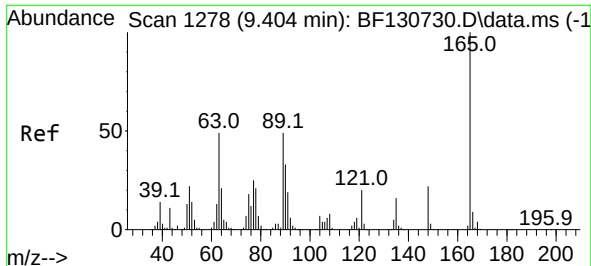


#50
Dimethylphthalate
Concen: 49.246 ng
RT: 9.339 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



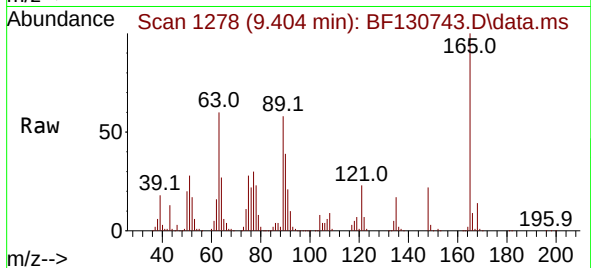
Tgt Ion:163 Resp: 753366
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.706 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

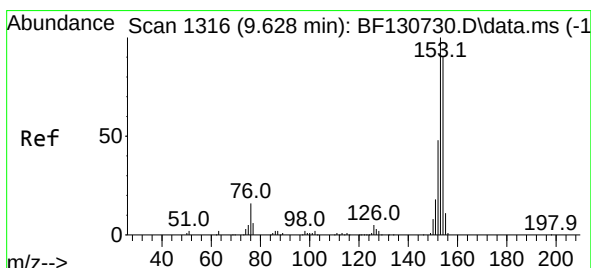
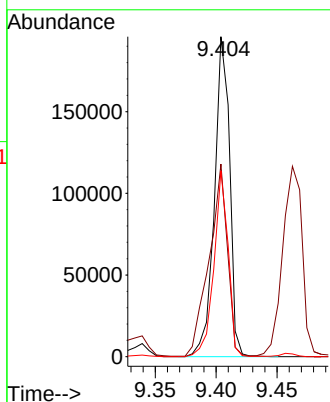
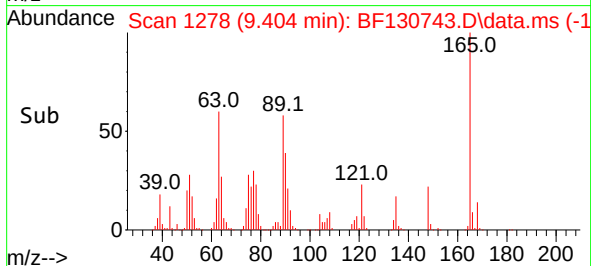
Instrument :
BNA_F
ClientSampleId :
PB148422BS



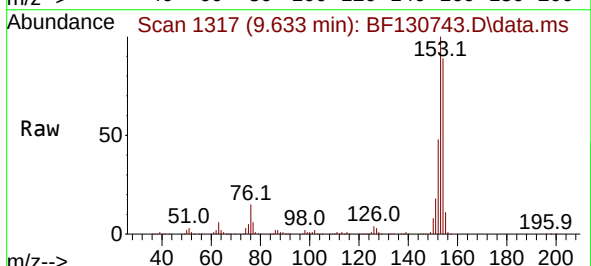
Tgt Ion:165 Resp: 17028
Ion Ratio Lower Upper
165 100
63 60.2 38.8 58.2
89 58.1 39.4 59.2

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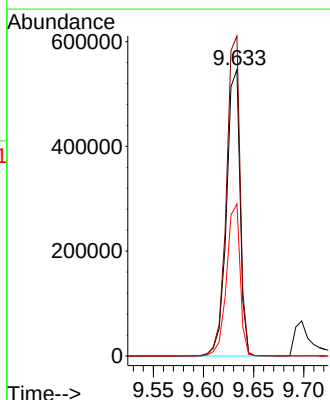
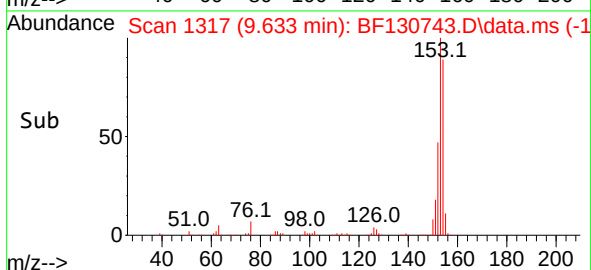
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

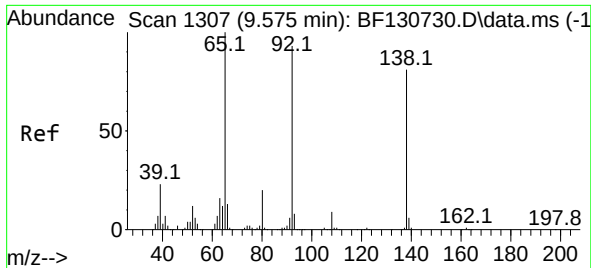


#52
Acenaphthene
Concen: 42.535 ng
RT: 9.633 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:154 Resp: 513890
Ion Ratio Lower Upper
154 100
153 111.8 88.4 132.6
152 53.1 42.0 63.0





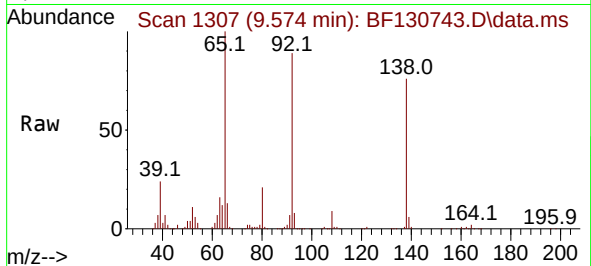
#53
3-Nitroaniline
Concen: 34.643 ng
RT: 9.574 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

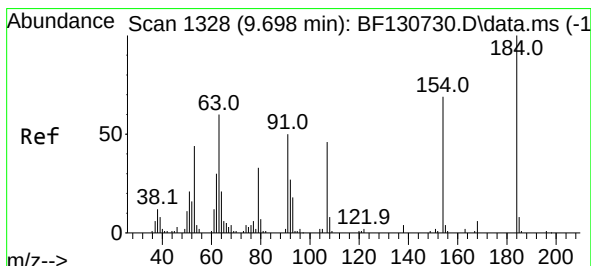
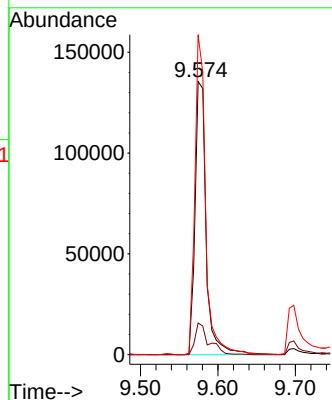
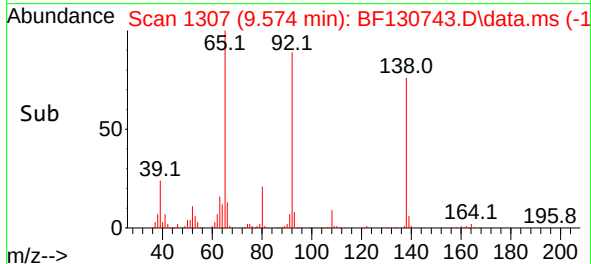


Tgt Ion:138 Resp: 135229
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.6
92 117.1 91.6 137.4

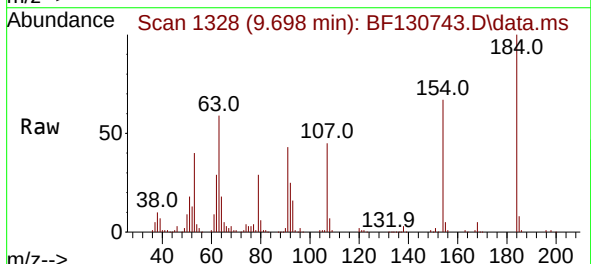
Manual Integrations

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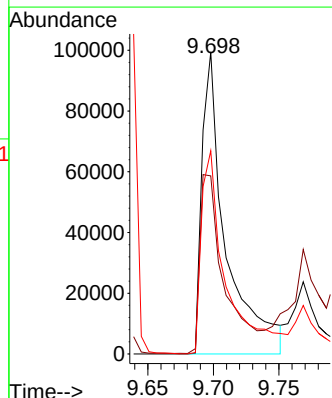
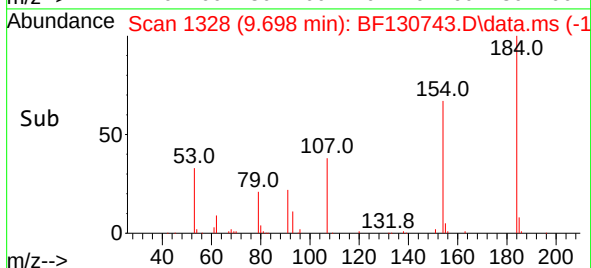
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

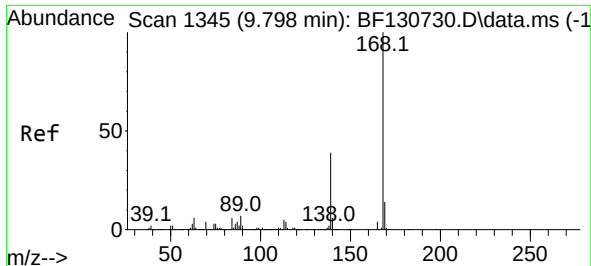


#54
2,4-Dinitrophenol
Concen: 89.621 ng
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



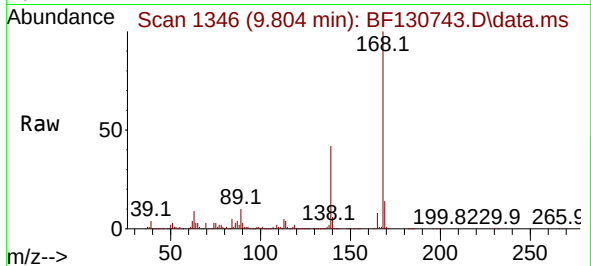
Tgt Ion:184 Resp: 125928
Ion Ratio Lower Upper
184 100
63 59.0 47.7 71.5
154 67.2 55.0 82.4





#55
Dibenzenofuran
Concen: 43.122 ng
RT: 9.804 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

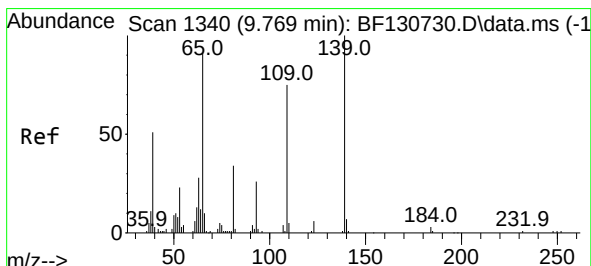
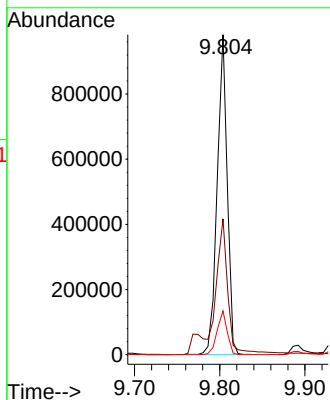
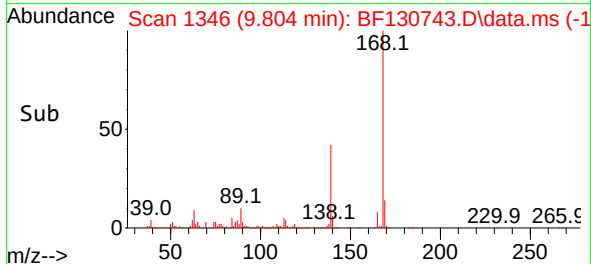
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion:168 Resp: 801920
Ion Ratio Lower Upper
168 100
139 42.5 34.3 51.5
169 13.7 11.0 16.6

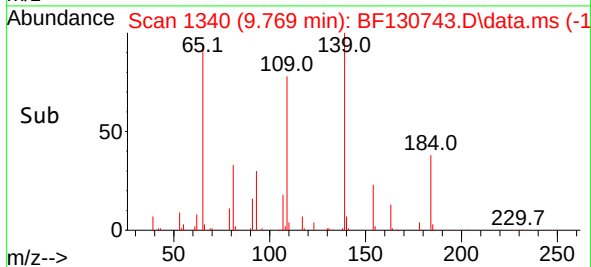
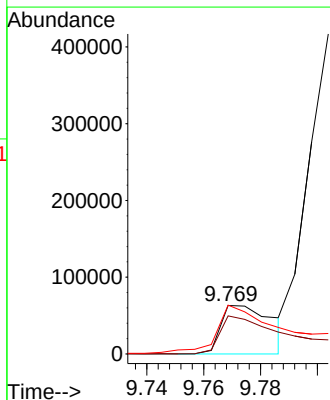
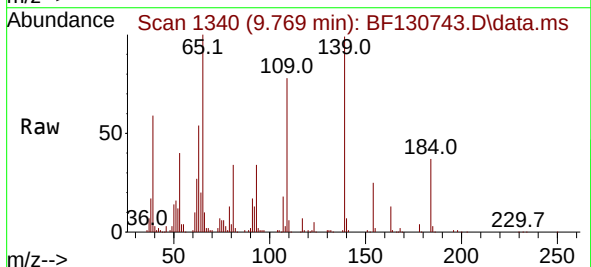
Manual Integrations
APPROVED

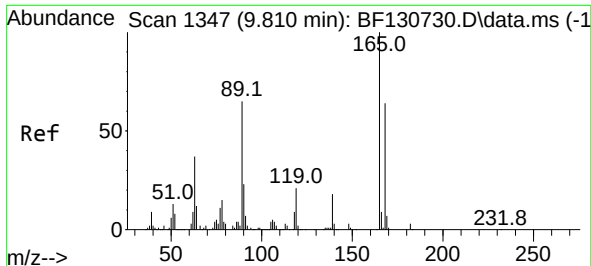
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#56
4-Nitrophenol
Concen: 69.196 ng
RT: 9.769 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:139 Resp: 79776
Ion Ratio Lower Upper
139 100
109 78.6 55.1 95.1
65 100.9 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 45.740 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

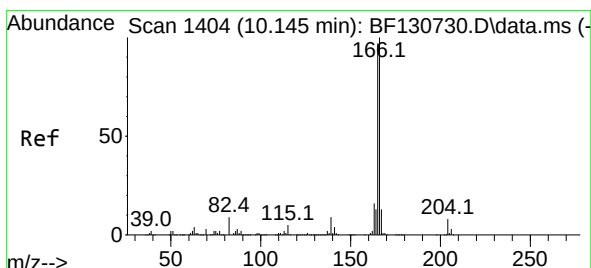
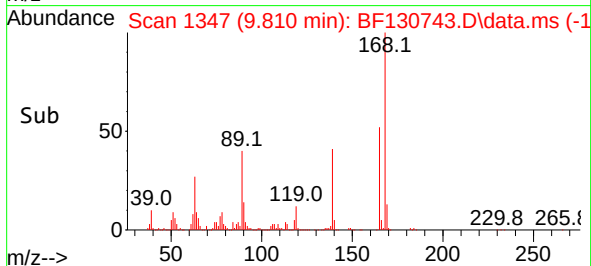
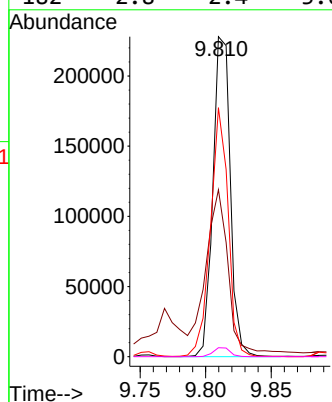
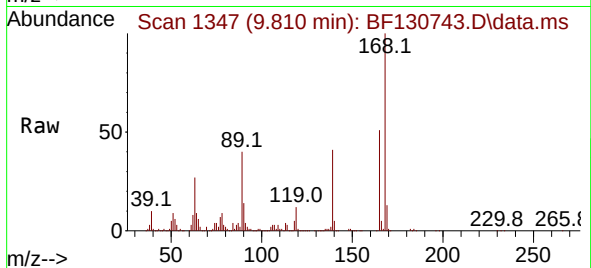
PB148422BS

Tgt Ion:165 Resp: 211079
Ion Ratio Lower Upper
165 100
63 52.1 32.6 49.0
89 77.8 51.9 77.9
182 2.8 2.4 3.6

Manual Integrations

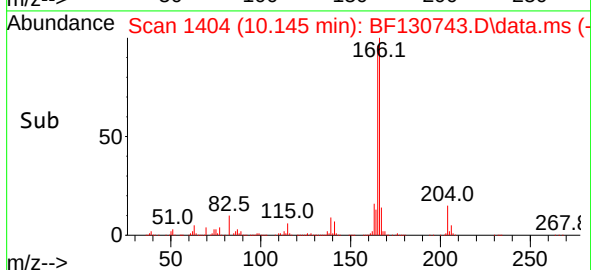
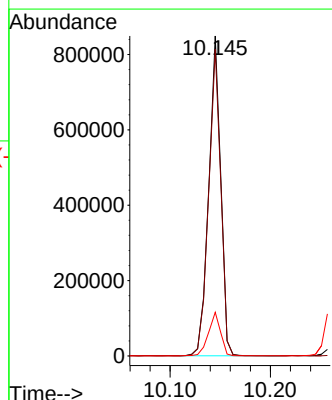
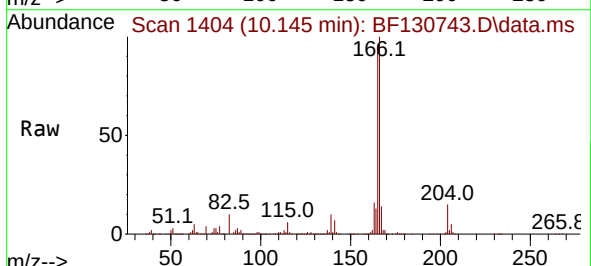
APPROVED

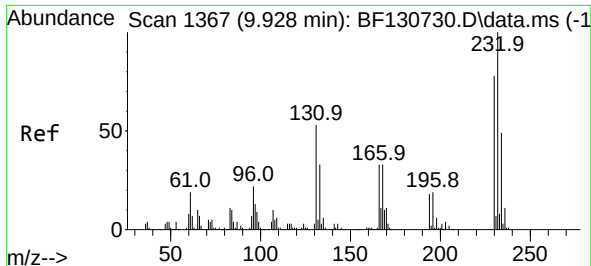
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#58
Fluorene
Concen: 45.844 ng
RT: 10.145 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

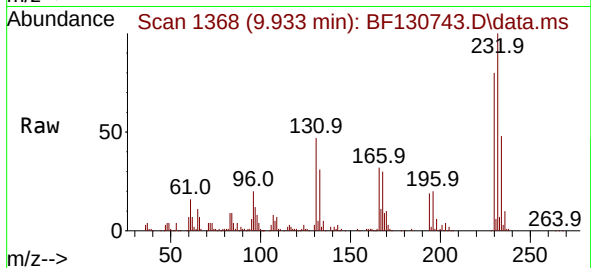
Tgt Ion:166 Resp: 709030
Ion Ratio Lower Upper
166 100
165 95.8 77.6 116.4
167 13.6 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.026 ng
RT: 9.933 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

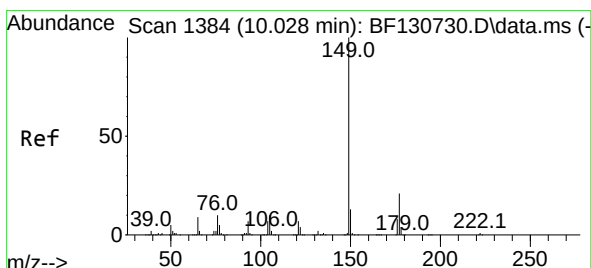
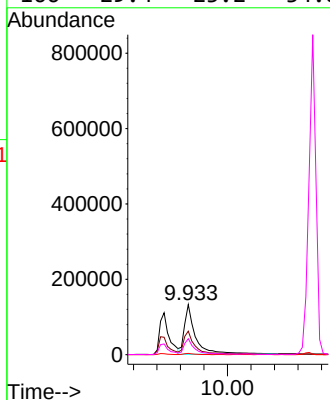
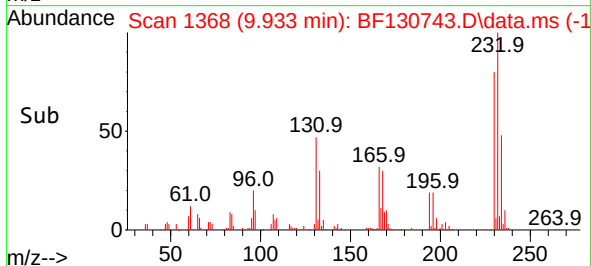
Instrument :
BNA_F
ClientSampleId :
PB148422BS



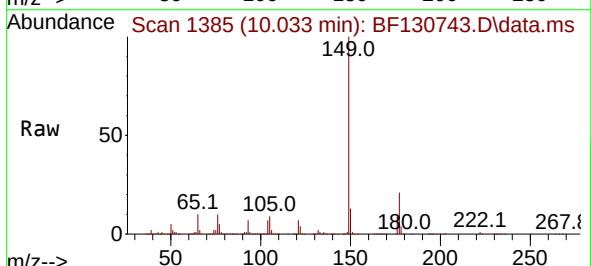
Tgt Ion:232 Resp: 17085
Ion Ratio Lower Upper
232 100
131 48.3 37.7 56.5
130 2.9 1.9 2.9
166 29.4 23.2 34.8

Manual Integrations
APPROVED

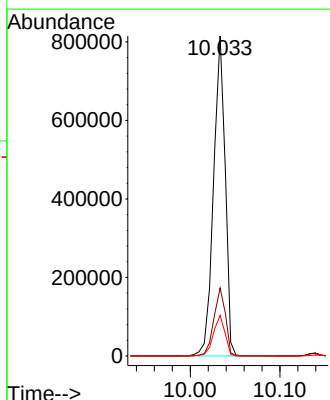
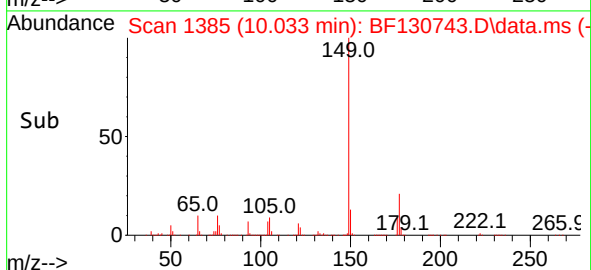
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

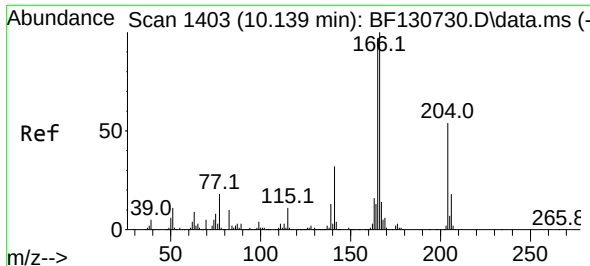


#60
Diethylphthalate
Concen: 46.502 ng
RT: 10.033 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



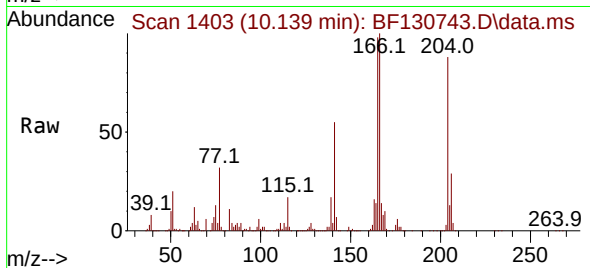
Tgt Ion:149 Resp: 733977
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.398 ng
RT: 10.139 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

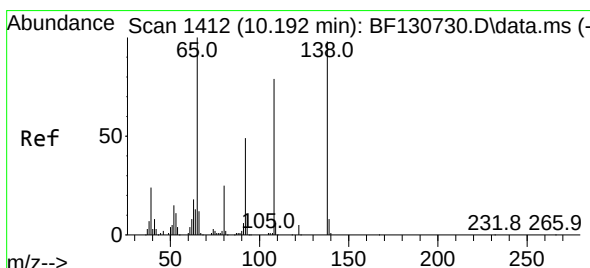
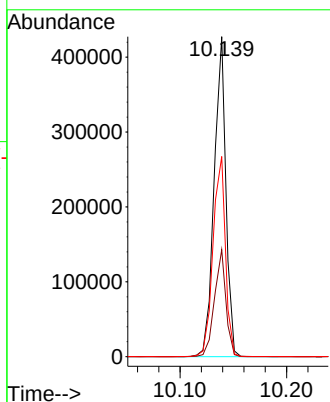
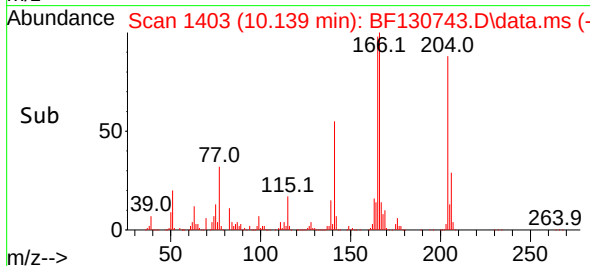
Instrument :
BNA_F
ClientSampleId :
PB148422BS



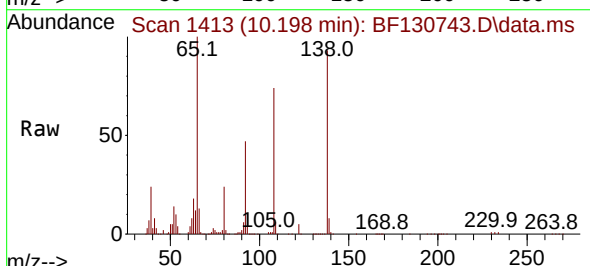
Tgt Ion:204 Resp: 328564
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 62.6 47.7 71.5

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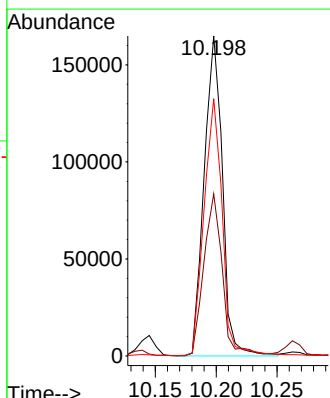
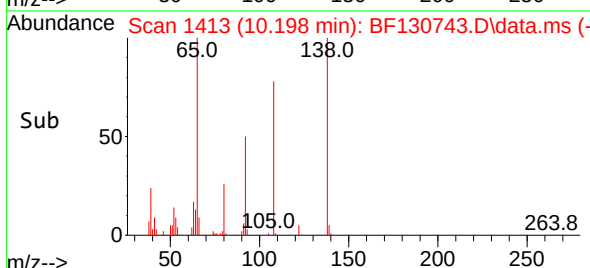
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

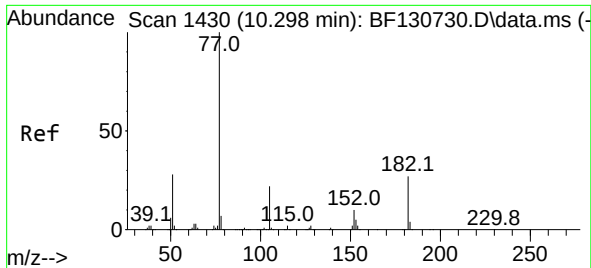


#62
4-Nitroaniline
Concen: 46.346 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



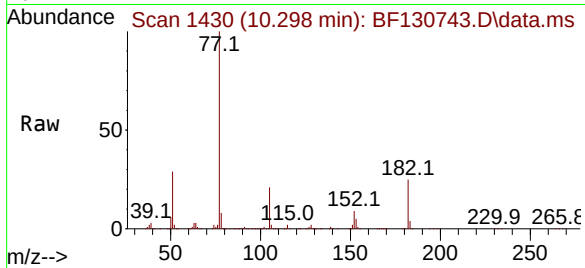
Tgt Ion:138 Resp: 171607
Ion Ratio Lower Upper
138 100
92 50.6 30.2 70.2
108 80.4 61.1 101.1





#63
Azobenzene
Concen: 47.013 ng
RT: 10.298 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

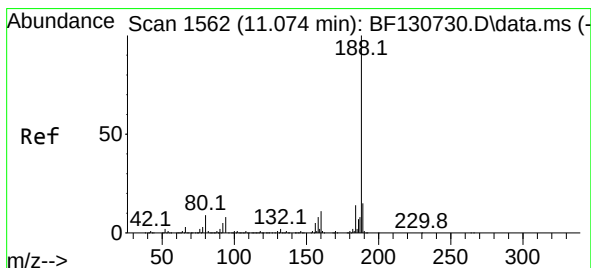
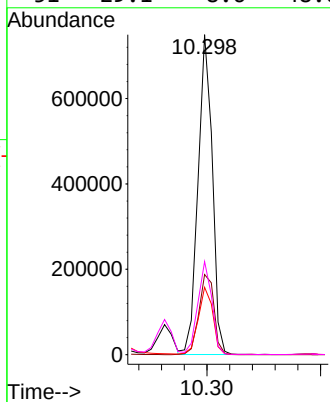
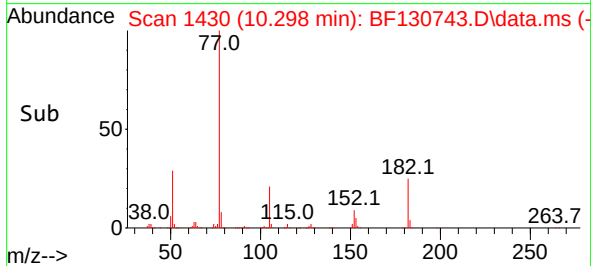
Instrument :
BNA_F
ClientSampleId :
PB148422BS



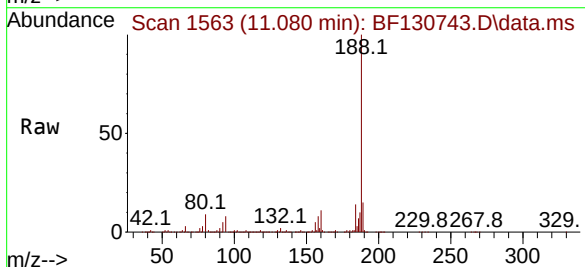
Tgt Ion: 77 Resp: 651520
Ion Ratio Lower Upper
77 100
182 25.1 7.3 47.3
105 21.0 1.9 41.9
51 29.1 8.6 48.6

Manual Integrations
APPROVED

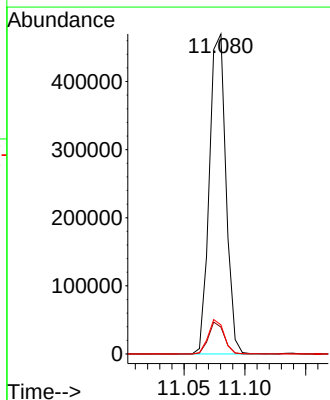
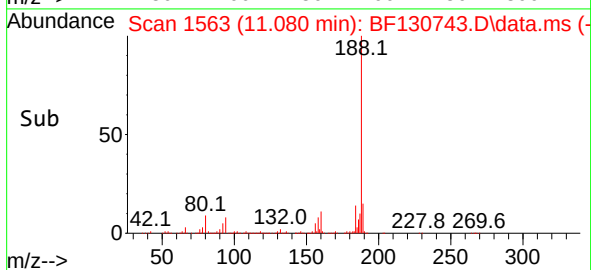
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

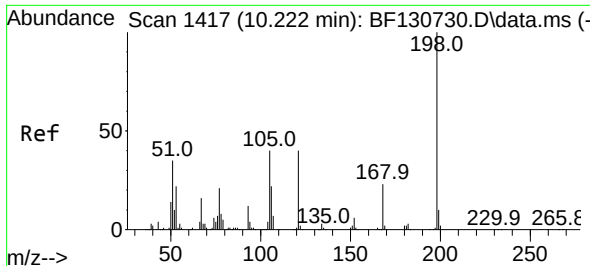


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



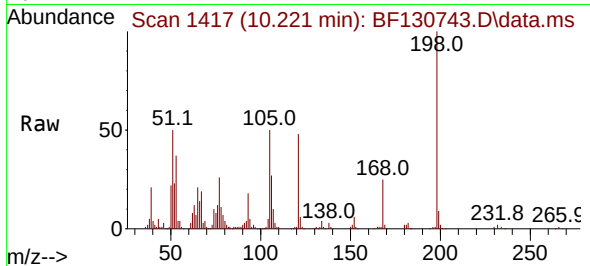
Tgt Ion:188 Resp: 446252
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.1 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.027 ng
RT: 10.221 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

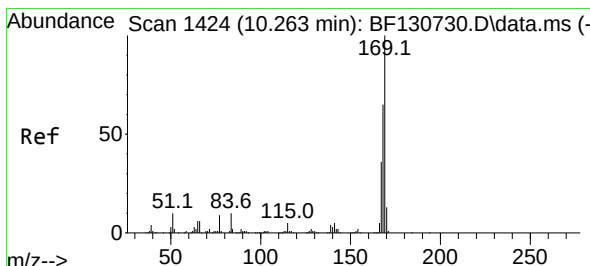
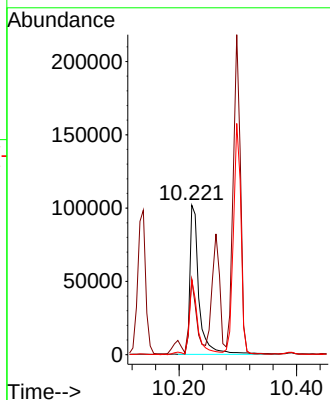
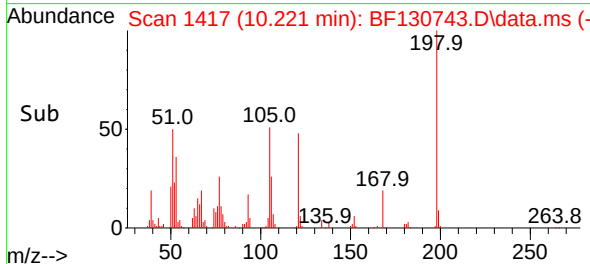
Instrument :
BNA_F
ClientSampleId :
PB148422BS



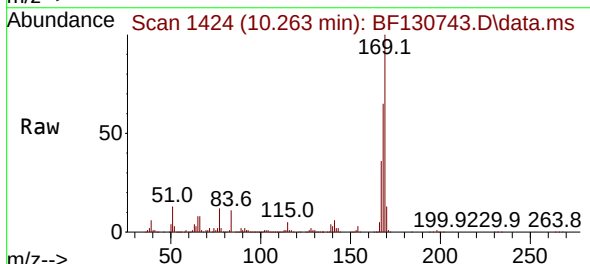
Tgt Ion:198 Resp: 109424
Ion Ratio Lower Upper
198 100
51 50.1 17.7 57.7
105 50.2 20.2 60.2

Manual Integrations
APPROVED

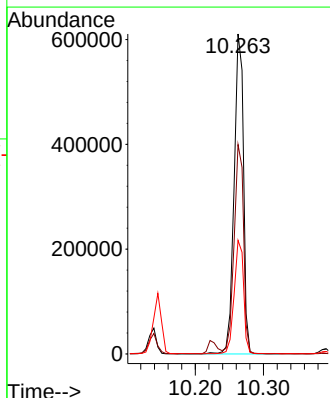
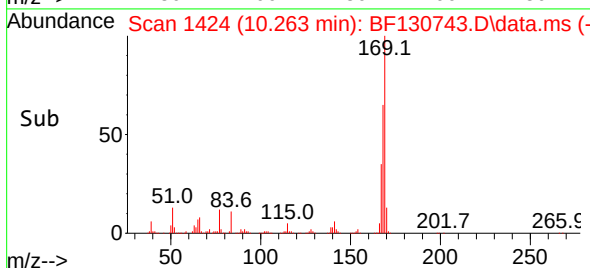
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

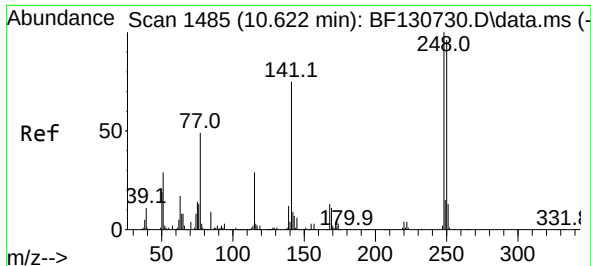


#66
n-Nitrosodiphenylamine
Concen: 37.910 ng
RT: 10.263 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:169 Resp: 583190
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 35.5 28.6 42.8





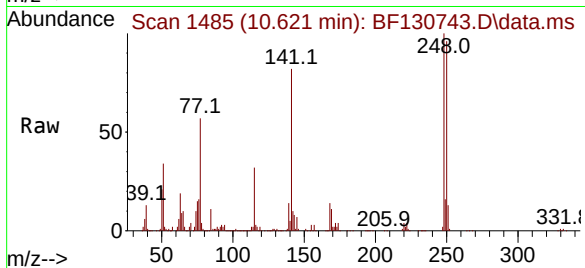
#67
4-Bromophenyl-phenylether
Concen: 39.035 ng
RT: 10.621 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

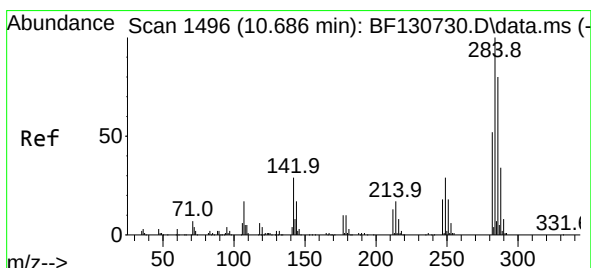
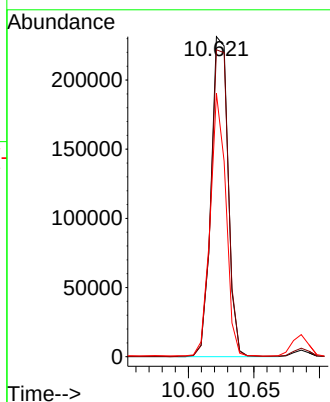
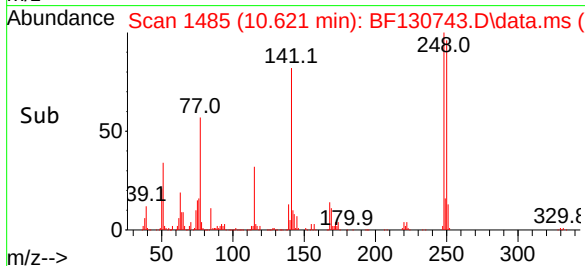


Tgt Ion:248 Resp: 20953
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.6
141 82.2 60.1 90.1

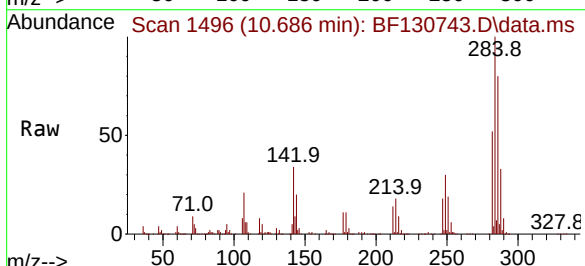
Manual Integrations

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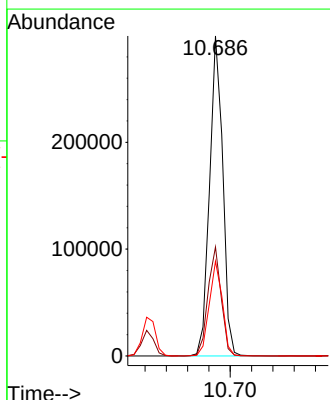
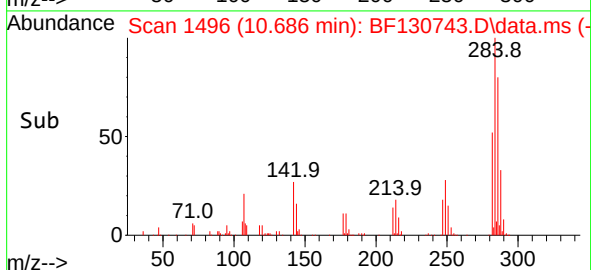
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

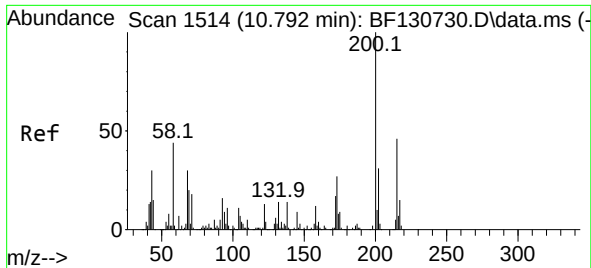


#68
Hexachlorobenzene
Concen: 41.927 ng
RT: 10.686 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



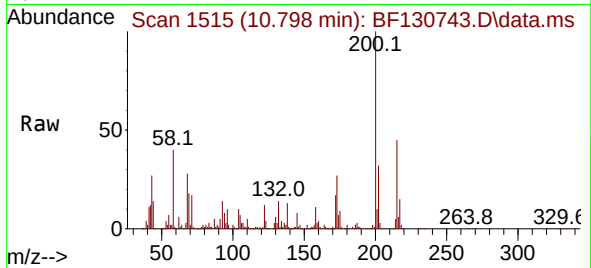
Tgt Ion:284 Resp: 257238
Ion Ratio Lower Upper
284 100
142 34.0 22.8 34.2
249 29.6 23.4 35.2





#69
 Atrazine
 Concen: 45.732 ng
 RT: 10.798 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

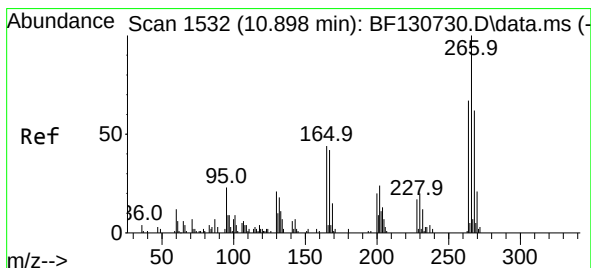
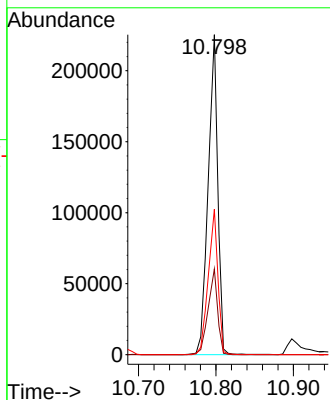
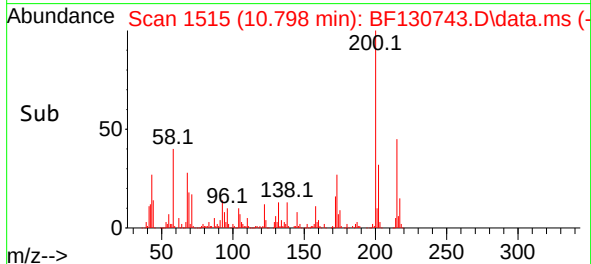
Instrument :
 BNA_F
 ClientSampleId :
 PB148422BS



Tgt Ion:200 Resp: 194830
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.2 47.2
 215 45.4 26.5 66.5

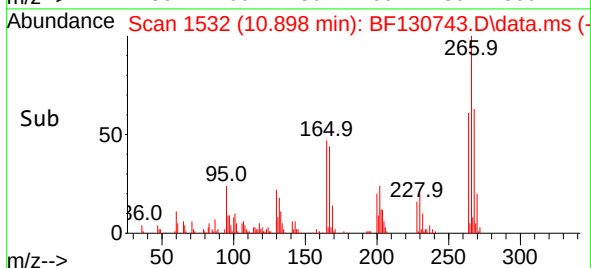
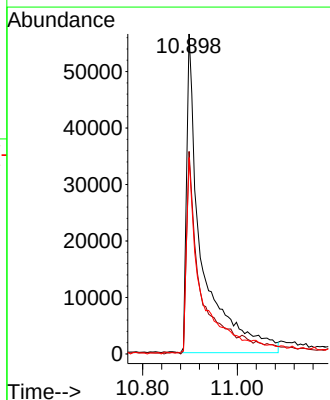
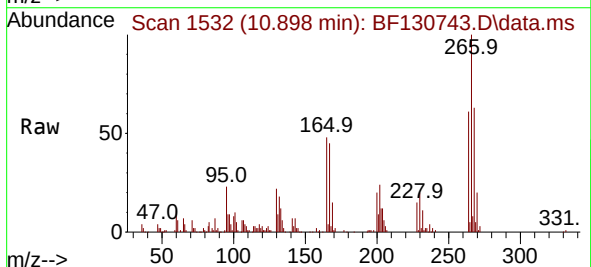
Manual Integrations
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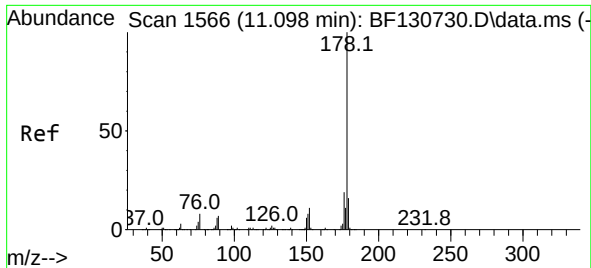
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022



#70
 Pentachlorophenol
 Concen: 82.797 ng
 RT: 10.898 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Tgt Ion:266 Resp: 124759
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.9 74.9
 264 61.4 53.6 80.4





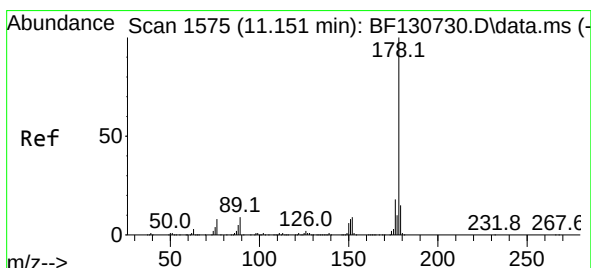
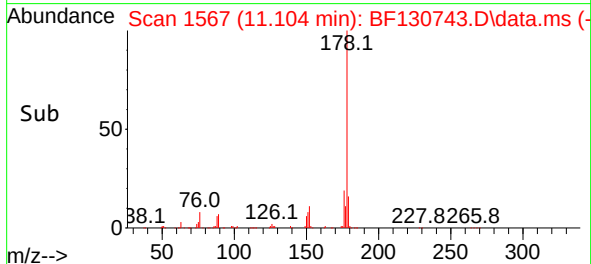
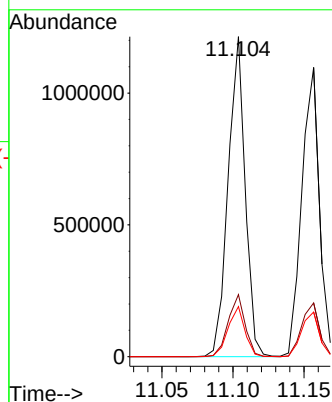
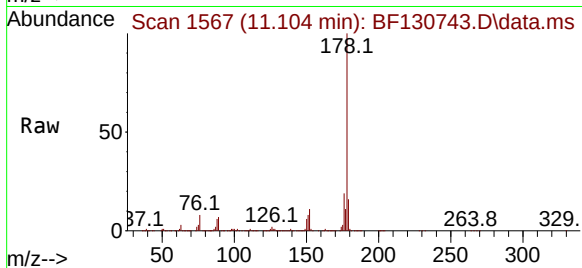
#71
Phenanthrene
Concen: 41.357 ng
RT: 11.104 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :
BNA_F
ClientSampleId :
PB148422BS

Tgt Ion:178 Resp: 101206
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.6 12.4 18.6

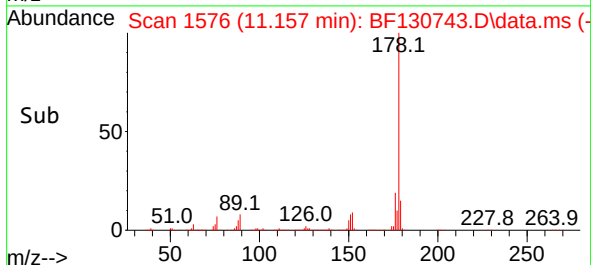
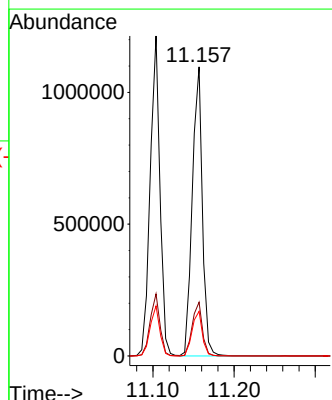
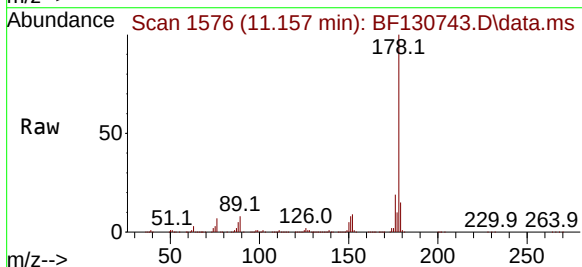
Manual Integrations
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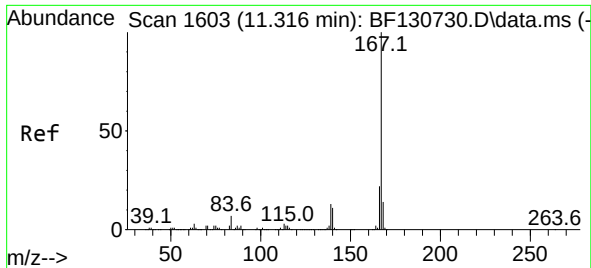
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#72
Anthracene
Concen: 38.913 ng
RT: 11.157 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:178 Resp: 950251
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.4 18.6





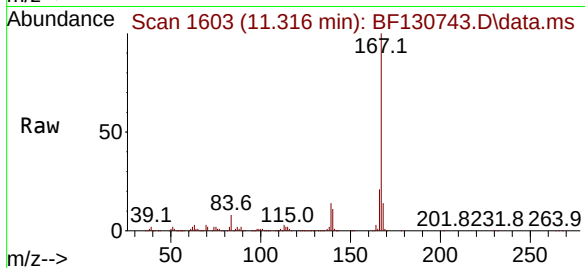
#73
 Carbazole
 Concen: 37.151 ng
 RT: 11.316 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

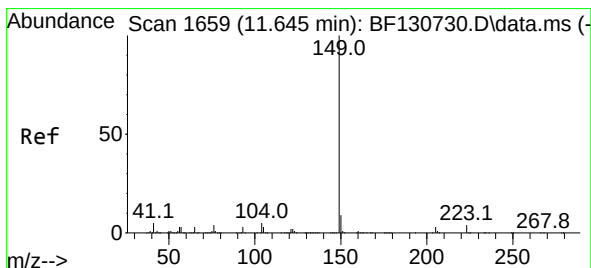
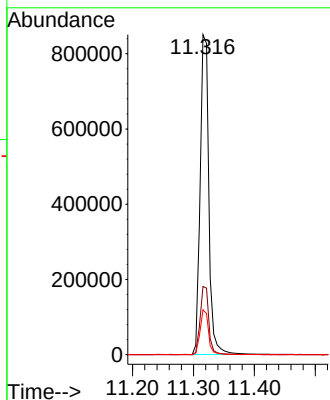
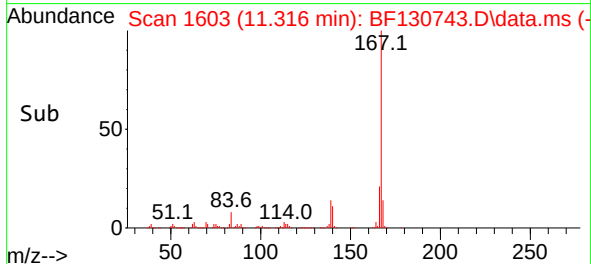


Tgt Ion:167 Resp: 837630
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 14.0 10.7 16.1

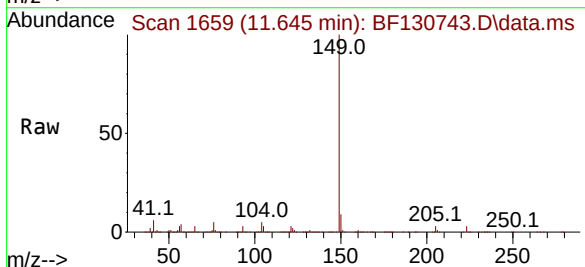
Manual Integrations

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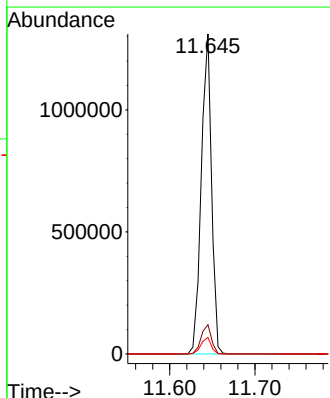
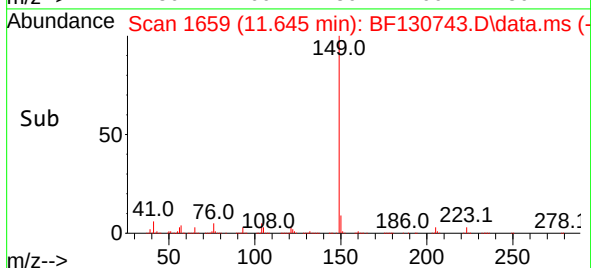
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

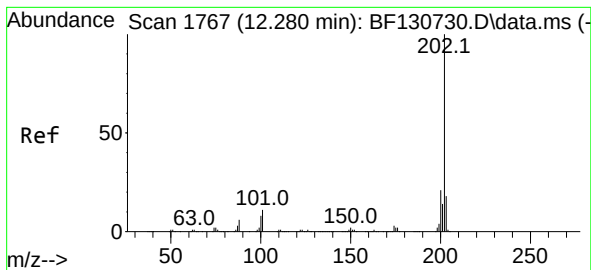


#74
 Di-n-butylphthalate
 Concen: 39.490 ng
 RT: 11.645 min Scan# 1659
 Delta R.T. -0.000 min
 Lab File: BF130743.D
 Acq: 21 Oct 2022 14:07



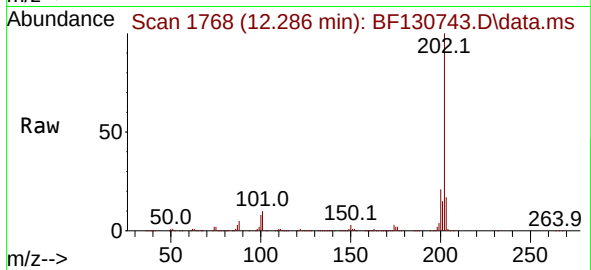
Tgt Ion:149 Resp: 1095101
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 42.060 ng
RT: 12.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

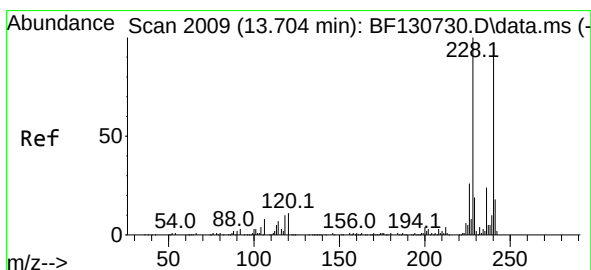
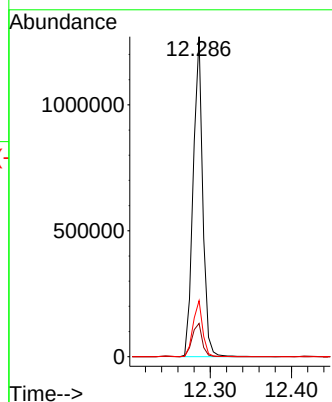
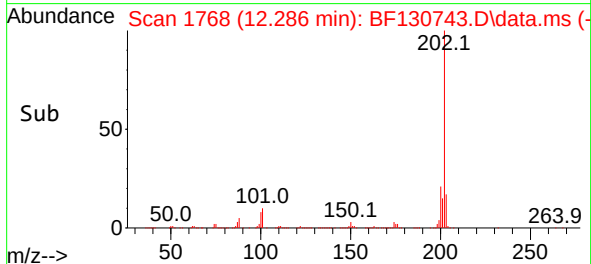
Instrument :
BNA_F
ClientSampleId :
PB148422BS



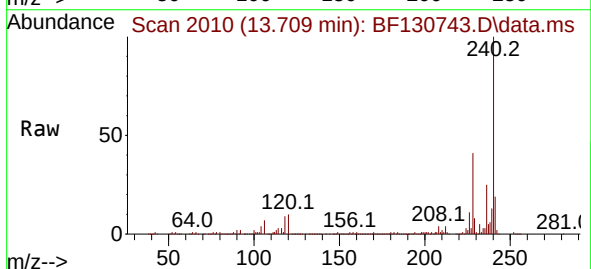
Tgt Ion:202 Resp: 1040540
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 17.5 0.0 37.6

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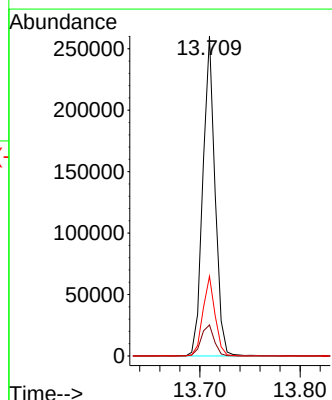
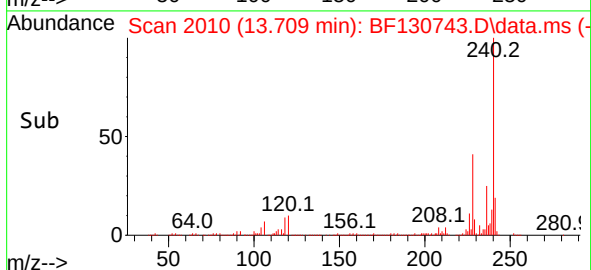
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

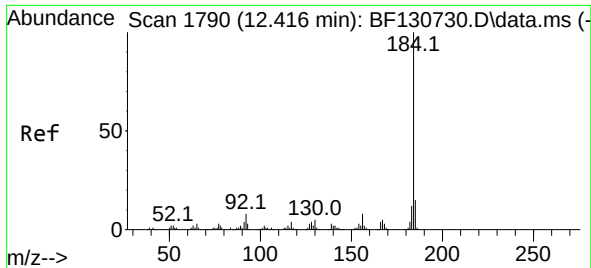


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.709 min Scan# 2010
Delta R.T. 0.005 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



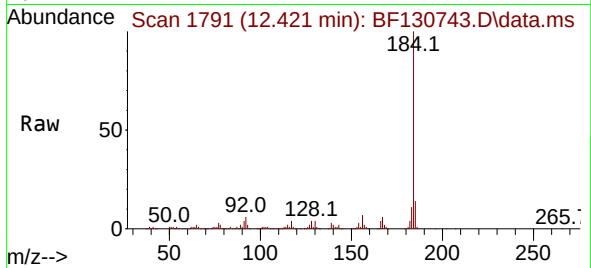
Tgt Ion:240 Resp: 220500
Ion Ratio Lower Upper
240 100
120 9.7 9.6 14.4
236 24.9 20.2 30.2





#77
Benzidine
Concen: 131.480 ng
RT: 12.421 min Scan# 1791
Delta R.T. 0.005 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

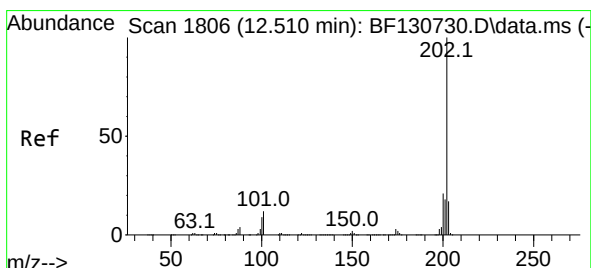
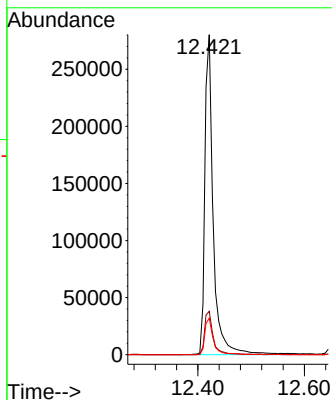
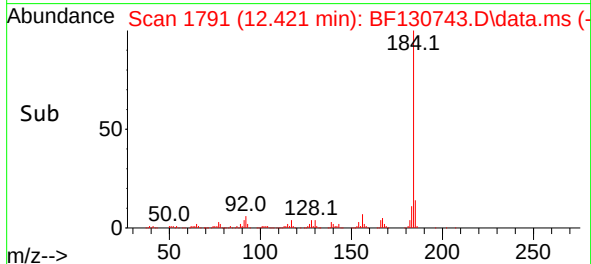
Instrument :
BNA_F
ClientSampleId :
PB148422BS



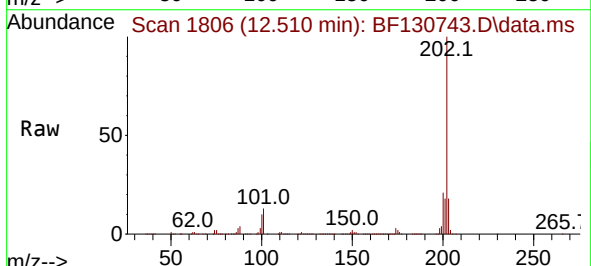
Tgt Ion:184 Resp: 304744
Ion Ratio Lower Upper
184 100
185 13.6 12.4 18.6
183 11.4 9.3 13.9

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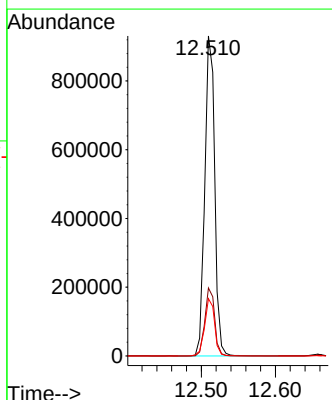
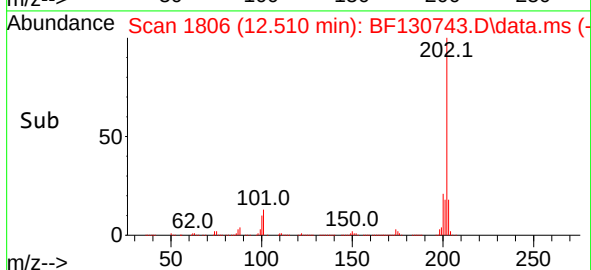
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

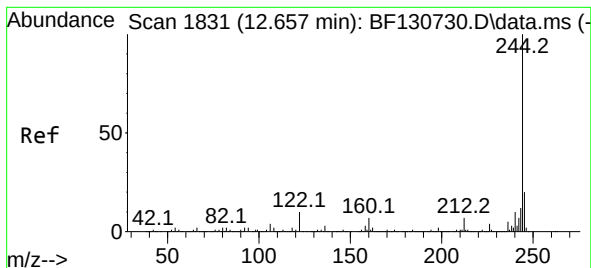


#78
Pyrene
Concen: 46.893 ng
RT: 12.510 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:202 Resp: 867919
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 98.529 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130743.D

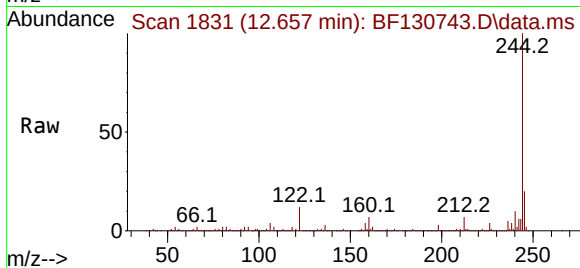
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS



Tgt Ion:244 Resp: 1289218

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

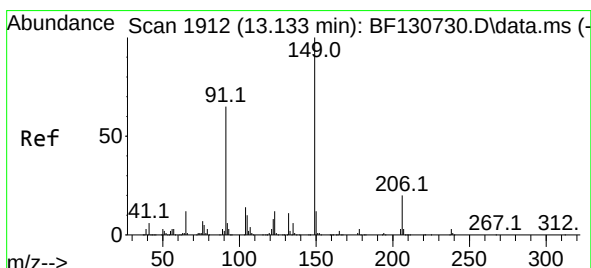
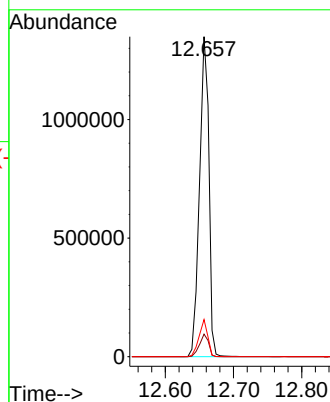
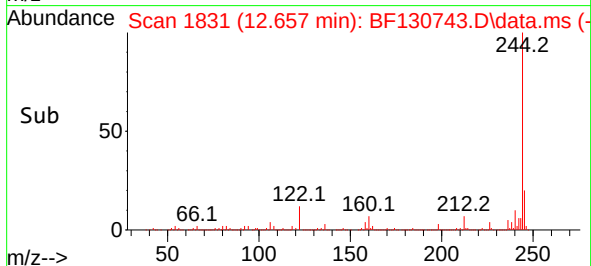
122 11.6 8.2 12.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#80

Butylbenzylphthalate

Concen: 46.119 ng

RT: 13.133 min Scan# 1912

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

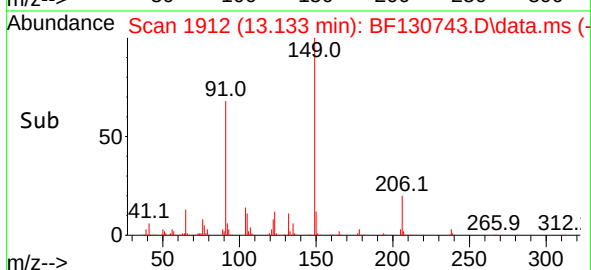
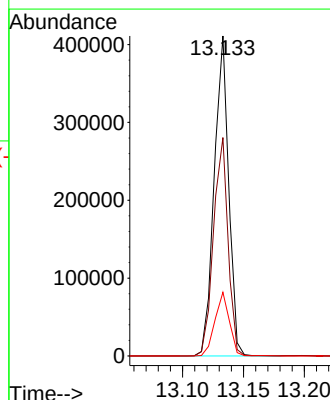
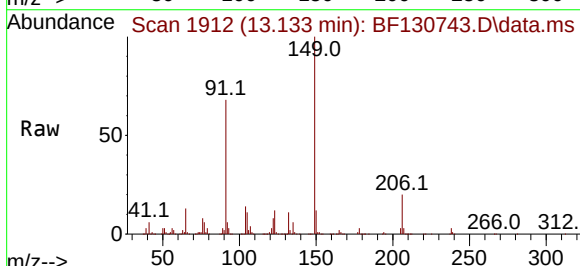
Tgt Ion:149 Resp: 338699

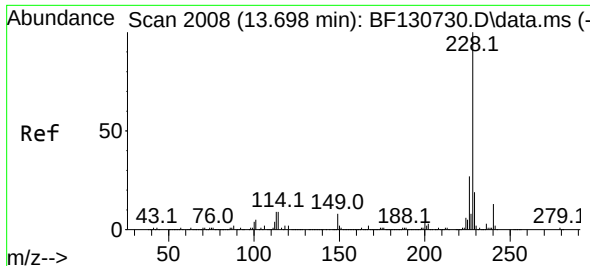
Ion Ratio Lower Upper

149 100

91 68.3 52.3 78.5

206 19.9 16.3 24.5





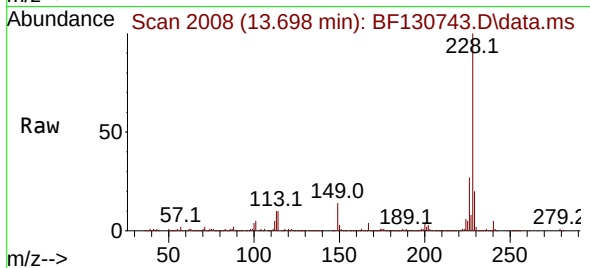
#81
Benzo(a)anthracene
Concen: 42.305 ng
RT: 13.698 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

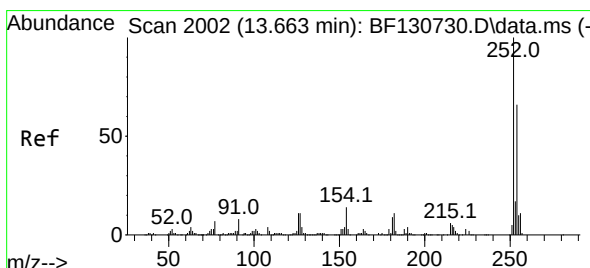
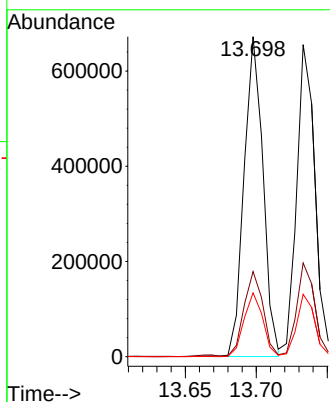
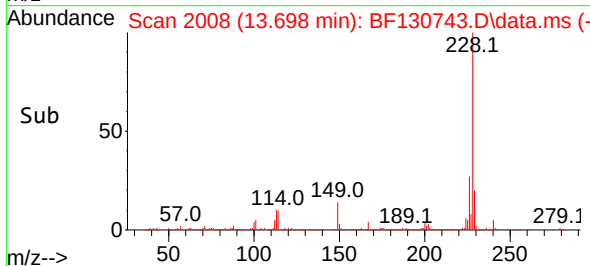


Tgt Ion:228 Resp: 623290
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.9 15.4 23.2

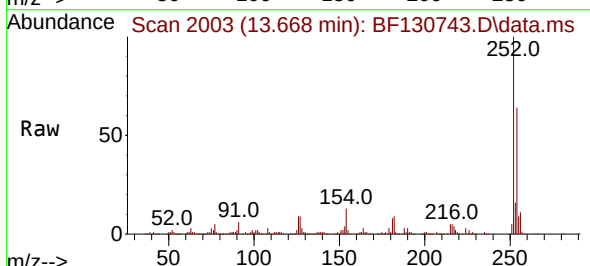
Manual Integrations

APPROVED

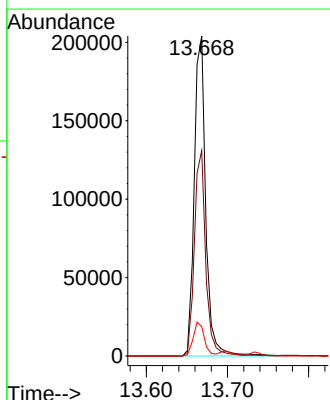
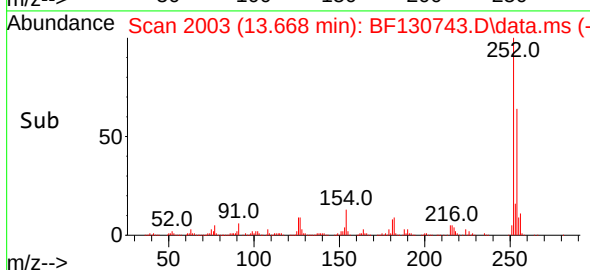
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

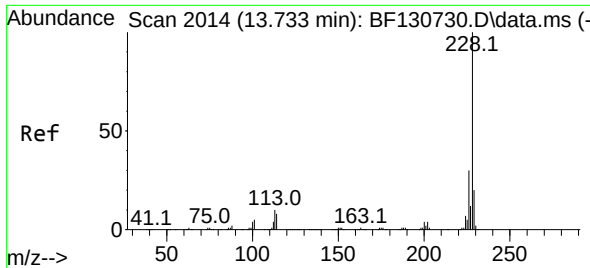


#82
3,3'-Dichlorobenzidine
Concen: 47.124 ng
RT: 13.668 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



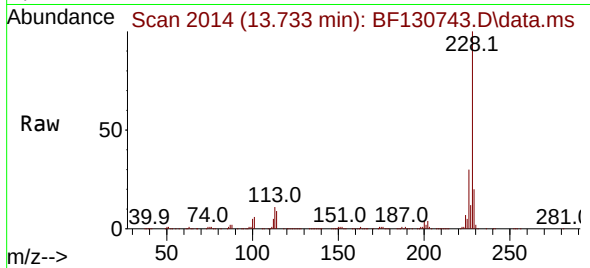
Tgt Ion:252 Resp: 201624
Ion Ratio Lower Upper
252 100
254 64.2 52.4 78.6
126 9.2 9.0 13.4





#83
Chrysene
Concen: 41.219 ng
RT: 13.733 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

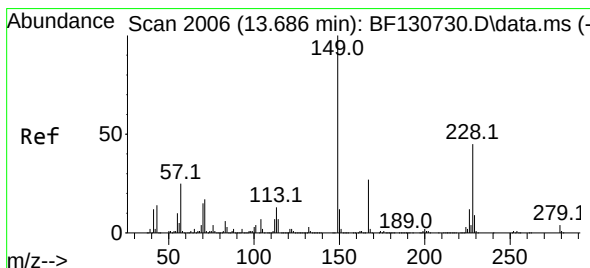
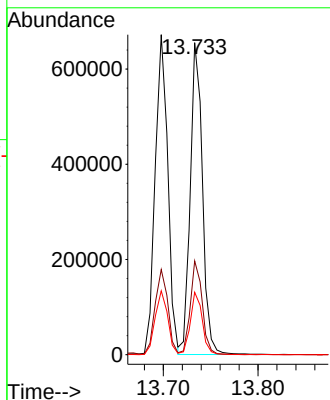
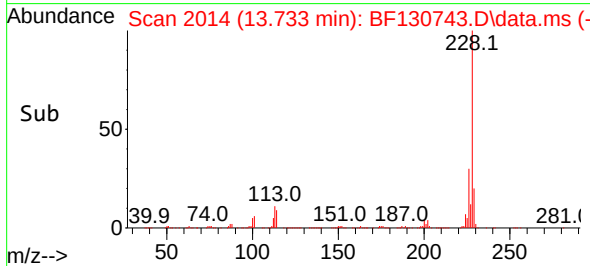
Instrument :
BNA_F
ClientSampleId :
PB148422BS



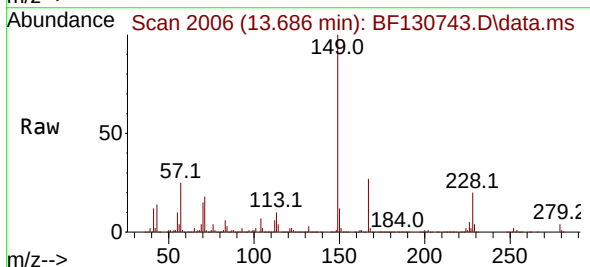
Tgt Ion:228 Resp: 58842
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 20.0 15.8 23.6

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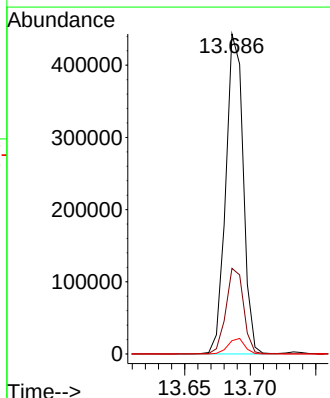
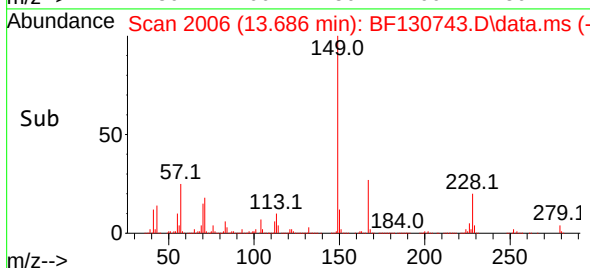
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

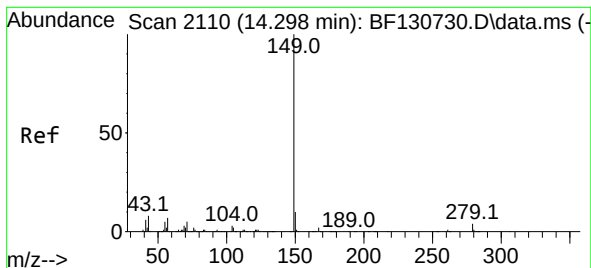


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.128 ng
RT: 13.686 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



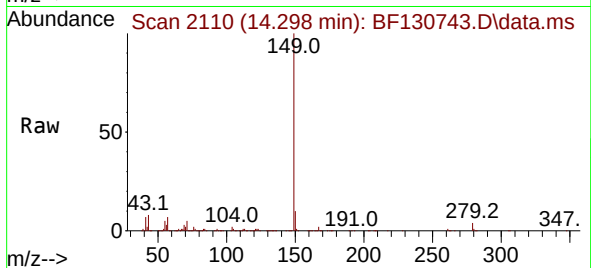
Tgt Ion:149 Resp: 410001
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 4.2 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 45.922 ng
RT: 14.298 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

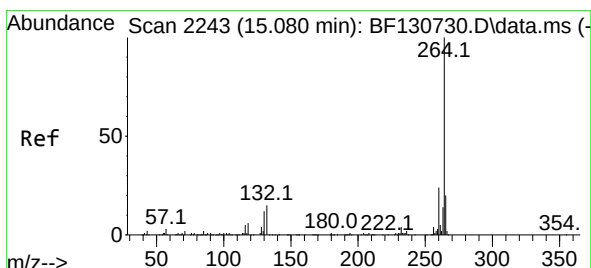
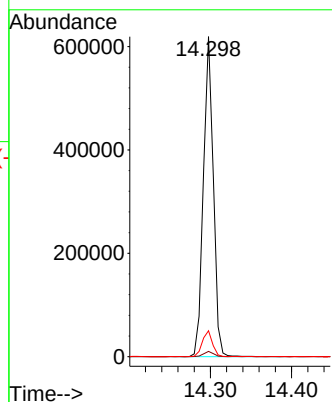
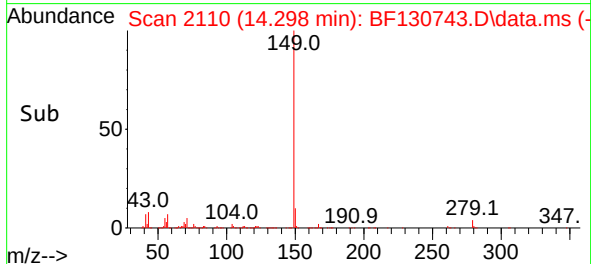
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion:149 Resp: 526709
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.4 7.0 10.4

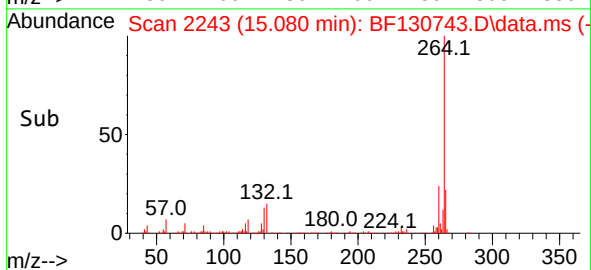
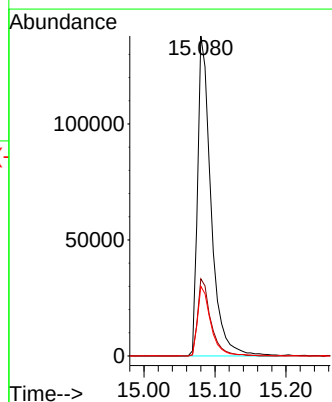
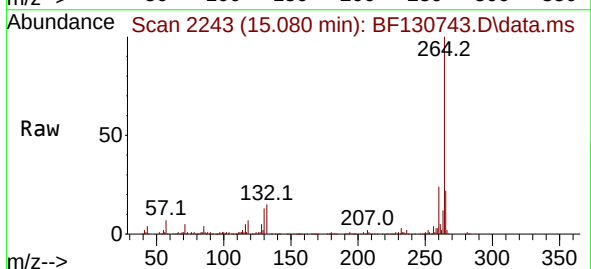
Manual Integrations
APPROVED

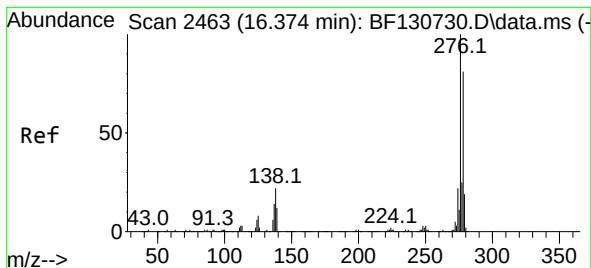
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.080 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

Tgt Ion:264 Resp: 181416
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 16.2 24.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.791 ng

RT: 16.374 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

Instrument :

BNA_F

ClientSampleId :

PB148422BS

Tgt Ion:276 Resp: 582778

Ion Ratio Lower Upper

276 100

138 21.2 17.2 25.8

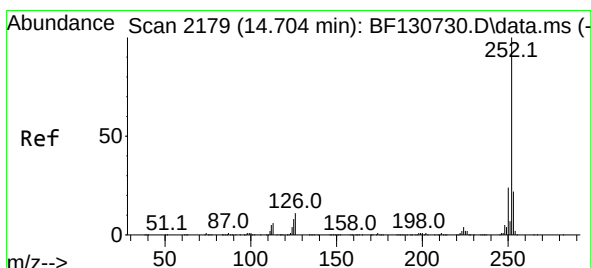
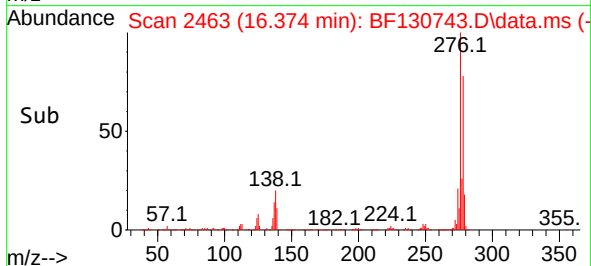
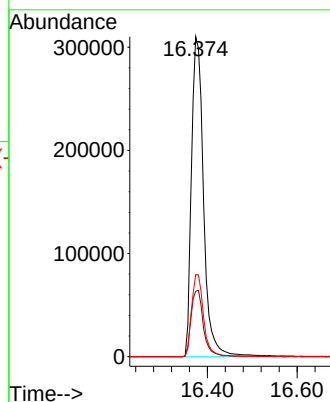
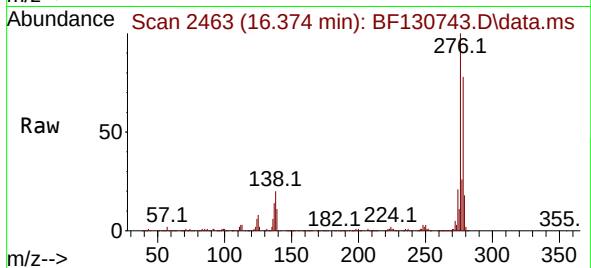
277 25.5 20.1 30.1

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: 43.462 ng

RT: 14.704 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BF130743.D

Acq: 21 Oct 2022 14:07

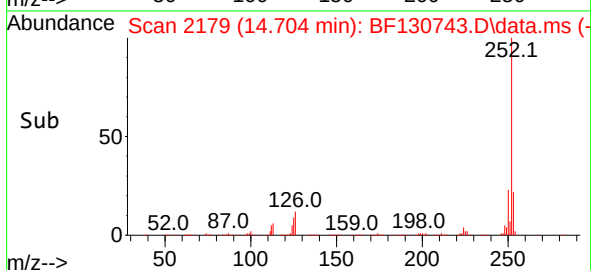
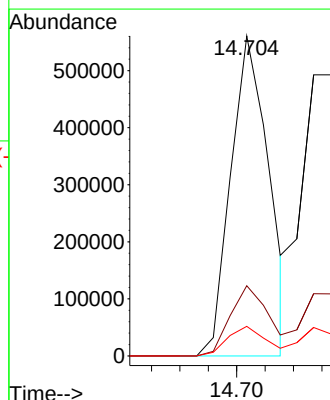
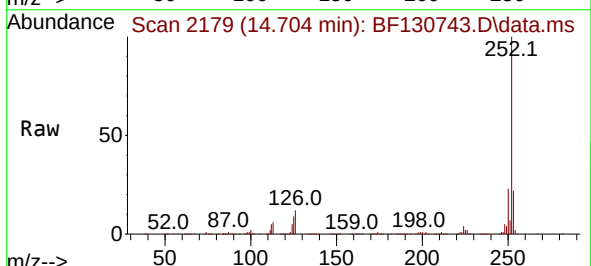
Tgt Ion:252 Resp: 524987

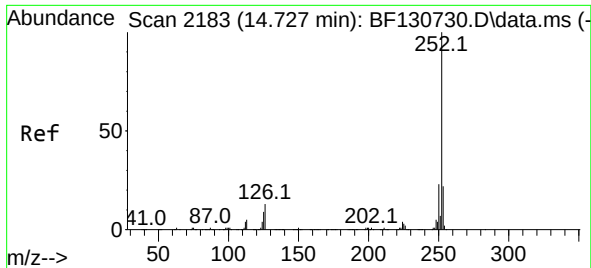
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

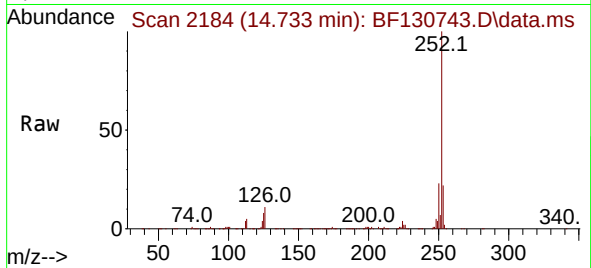
125 9.2 6.4 9.6





#89
Benzo(k)fluoranthene
Concen: 45.696 ng
RT: 14.733 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

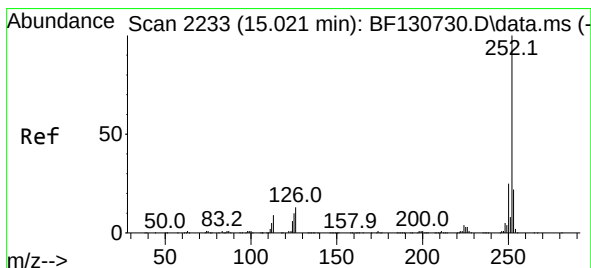
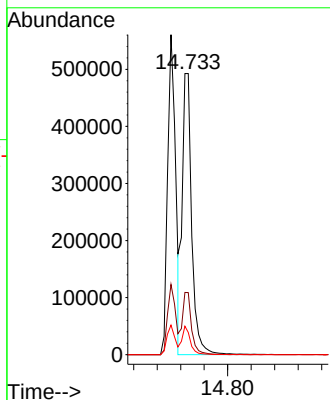
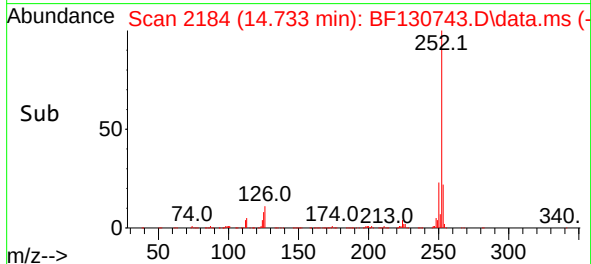
Instrument :
BNA_F
ClientSampleId :
PB148422BS



Tgt Ion:252 Resp: 55455
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.9 7.2 10.8

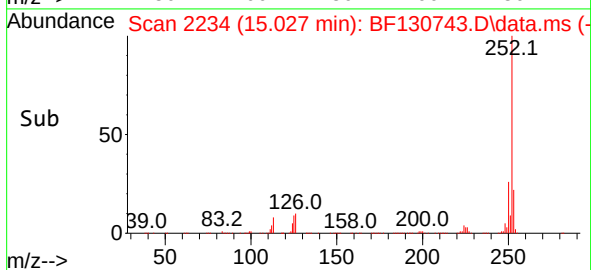
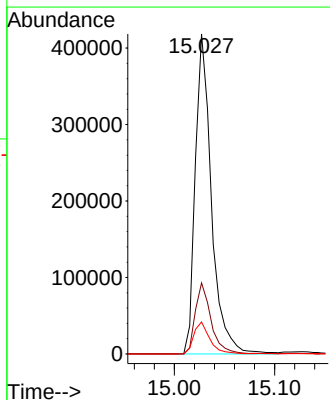
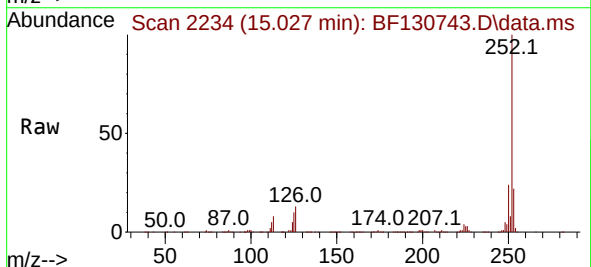
Manual Integrations
APPROVED

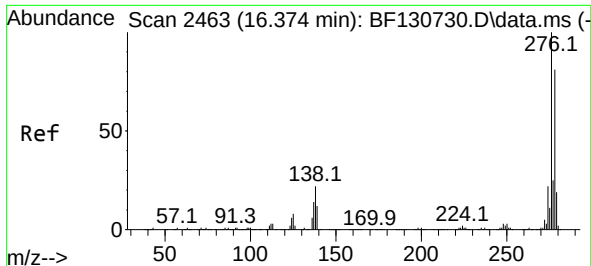
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#90
Benzo(a)pyrene
Concen: 48.449 ng
RT: 15.027 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

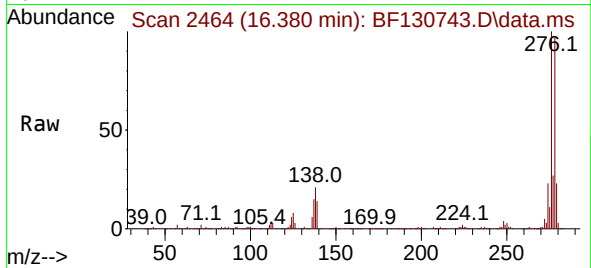
Tgt Ion:252 Resp: 470038
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.0 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 47.966 ng
RT: 16.380 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07

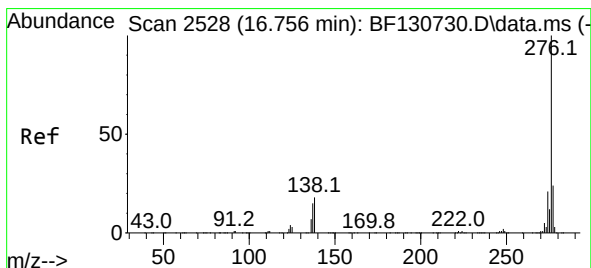
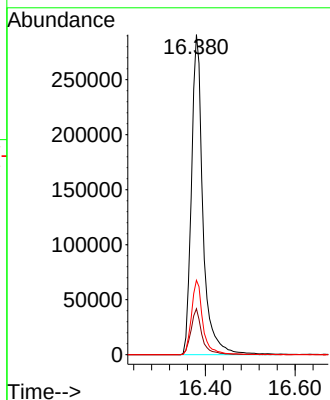
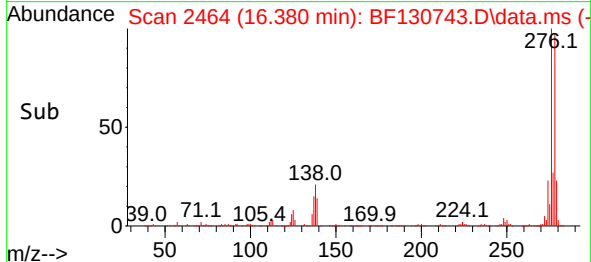
Instrument :
BNA_F
ClientSampleId :
PB148422BS



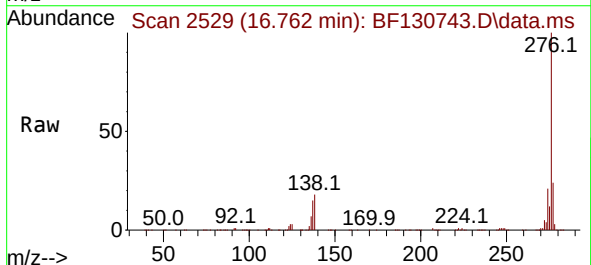
Tgt Ion:278 Resp: 515700
Ion Ratio Lower Upper
278 100
139 14.4 11.4 17.0
279 23.2 18.4 27.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.913 ng
RT: 16.762 min Scan# 2529
Delta R.T. 0.006 min
Lab File: BF130743.D
Acq: 21 Oct 2022 14:07



Tgt Ion:276 Resp: 495070
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 17.6 14.2 21.2

