

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130388.D
 Acq On : 23 Sep 2022 13:00
 Operator : CG\JU
 Sample : PB147862BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147862BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 23 16:05:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	113590	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	466500	20.000	ng	-0.01
39) Acenaphthene-d10	9.692	164	251235	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	451011	20.000	ng	0.00
76) Chrysene-d12	13.810	240	304571	20.000	ng	0.00
86) Perylene-d12	15.198	264	236923	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	893080	136.369	ng	0.01
7) Phenol-d6	6.304	99	1091630	133.218	ng	0.00
23) Nitrobenzene-d5	7.222	82	694465	76.054	ng	-0.01
42) 2,4,6-Tribromophenol	10.486	330	377823	156.948	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1360005	78.828	ng	0.00
79) Terphenyl-d14	12.763	244	1617736	87.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.346	88	97313	32.355	ng	96
3) Pyridine	3.022	79	250575	31.937	ng	94
4) n-Nitrosodimethylamine	2.981	42	152582	35.756	ng	94
6) Aniline	6.316	93	415354	41.139	ng	# 38
8) 2-Chlorophenol	6.440	128	332075	44.513	ng	91
9) Benzaldehyde	6.198	77	184706	33.651	ng	94
10) Phenol	6.316	94	400458	41.702	ng	# 72
11) bis(2-Chloroethyl)ether	6.398	93	297297	42.922	ng	92
12) 1,3-Dichlorobenzene	6.593	146	357264	43.523	ng	97
13) 1,4-Dichlorobenzene	6.669	146	367514	43.904	ng	99
14) 1,2-Dichlorobenzene	6.822	146	347522	44.442	ng	97
15) Benzyl Alcohol	6.804	79	196327	30.218	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.934	45	368056	36.433	ng	85
17) 2-Methylphenol	6.922	107	274455	45.257	ng	96
18) Hexachloroethane	7.163	117	138470	41.965	ng	95
19) n-Nitroso-di-n-propyla...	7.075	70	216326	39.123	ng	93
20) 3+4-Methylphenols	7.075	107	322204	40.899	ng	# 79
22) Acetophenone	7.069	105	465731	40.835	ng	92
24) Nitrobenzene	7.240	77	344257	37.130	ng	96
25) Isophorone	7.481	82	596391	40.523	ng	98
26) 2-Nitrophenol	7.557	139	176386	46.407	ng	# 88
27) 2,4-Dimethylphenol	7.604	122	264143	45.135	ng	94
28) bis(2-Chloroethoxy)met...	7.698	93	351180	42.377	ng	99
29) 2,4-Dichlorophenol	7.804	162	271549	42.343	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	285597	41.190	ng	95
31) Naphthalene	7.957	128	951482	39.590	ng	99
32) Benzoic acid	7.745	122	162449	35.895	ng	92
33) 4-Chloroaniline	8.016	127	339987	37.195	ng	96
34) Hexachlorobutadiene	8.075	225	179891	40.597	ng	99
35) Caprolactam	8.392	113	88149m	47.946	ng	
36) 4-Chloro-3-methylphenol	8.510	107	296523	41.714	ng	100
37) 2-Methylnaphthalene	8.651	142	622824	40.645	ng	99
38) 1-Methylnaphthalene	8.751	142	590096	40.087	ng	99
40) 1,2,4,5-Tetrachloroben...	8.816	216	287870	41.986	ng	99
41) Hexachlorocyclopentadiene	8.804	237	357477	97.384	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	189602	39.623	ng	95

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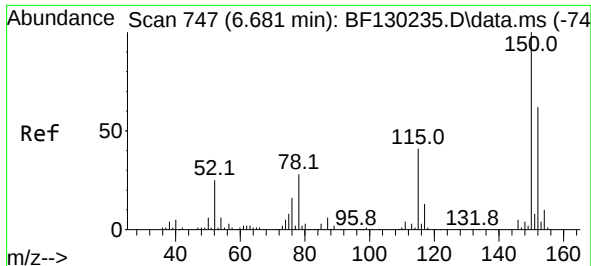
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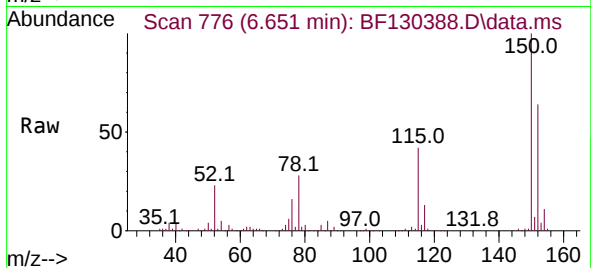
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	212089	41.074	ng	98
46) 1,1'-Biphenyl	9.116	154	759887	40.498	ng	99
47) 2-Chloronaphthalene	9.139	162	593476	39.100	ng	97
48) 2-Nitroaniline	9.239	65	188015	37.139	ng	93
49) Acenaphthylene	9.551	152	911782	40.065	ng	100
50) Dimethylphthalate	9.428	163	696773	40.150	ng	99
51) 2,6-Dinitrotoluene	9.486	165	156287	43.061	ng	# 86
52) Acenaphthene	9.728	154	663429m	44.369	ng	
53) 3-Nitroaniline	9.657	138	137746	34.060	ng	88
54) 2,4-Dinitrophenol	9.763	184	169781	85.747	ng	90
55) Dibenzofuran	9.898	168	830637	39.939	ng	99
56) 4-Nitrophenol	9.834	139	254766	86.490	ng	88
57) 2,4-Dinitrotoluene	9.892	165	217719	46.938	ng	90
58) Fluorene	10.239	166	675384	39.708	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.016	232	167723	41.499	ng	95
60) Diethylphthalate	10.122	149	691846	39.755	ng	100
61) 4-Chlorophenyl-phenyle...	10.233	204	310558	41.622	ng	98
62) 4-Nitroaniline	10.275	138	176073	43.339	ng	90
63) Azobenzene	10.392	77	636361	35.511	ng	97
65) 4,6-Dinitro-2-methylph...	10.298	198	114359	45.550	ng	81
66) n-Nitrosodiphenylamine	10.357	169	583200	38.696	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	203731	40.948	ng	97
68) Hexachlorobenzene	10.781	284	235949	41.835	ng	97
69) Atrazine	10.892	200	198397	45.045	ng	96
70) Pentachlorophenol	10.986	266	251193	82.987	ng	99
71) Phenanthrene	11.198	178	993832	39.248	ng	99
72) Anthracene	11.251	178	1007088	41.213	ng	100
73) Carbazole	11.410	167	944283	42.819	ng	99
74) Di-n-butylphthalate	11.745	149	1101093	41.405	ng	99
75) Fluoranthene	12.386	202	1065555	43.549	ng	96
77) Benzidine	12.516	184	696974	78.831	ng	98
78) Pyrene	12.610	202	1065905	40.005	ng	100
80) Butylbenzylphthalate	13.239	149	447787	45.366	ng	97
81) Benzo(a)anthracene	13.798	228	848216	41.863	ng	100
82) 3,3'-Dichlorobenzidine	13.769	252	235937	42.778	ng	# 97
83) Chrysene	13.833	228	781240	40.608	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	555729	49.153	ng	# 98
85) Di-n-octyl phthalate	14.410	149	776796	44.920	ng	96
87) Indeno(1,2,3-cd)pyrene	16.533	276	679533	40.446	ng	98
88) Benzo(b)fluoranthene	14.810	252	688071	44.495	ng	99
89) Benzo(k)fluoranthene	14.839	252	670108	44.052	ng	98
90) Benzo(a)pyrene	15.145	252	576816	47.083	ng	97
91) Dibenzo(a,h)anthracene	16.551	278	579638	42.055	ng	98
92) Benzo(g,h,i)perylene	16.933	276	576987	41.557	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

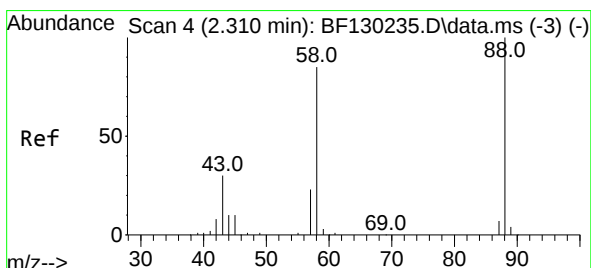
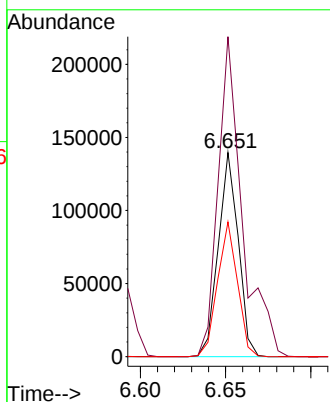
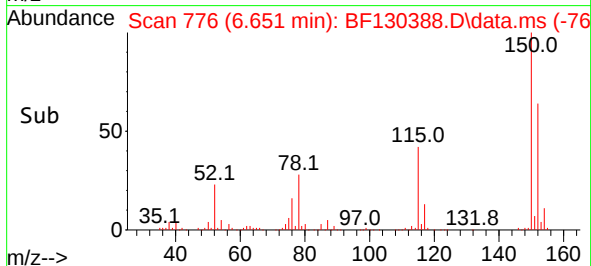
Instrument :
BNA_F
ClientSampleId :
PB147862BS



Tgt Ion:152 Resp: 113590
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 66.0 53.8 80.8

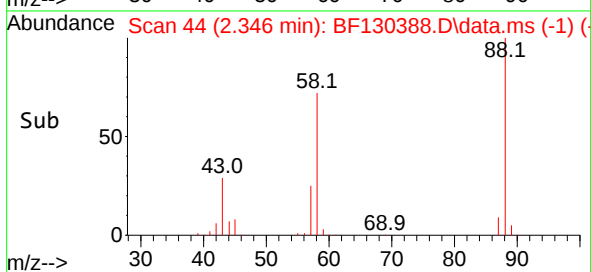
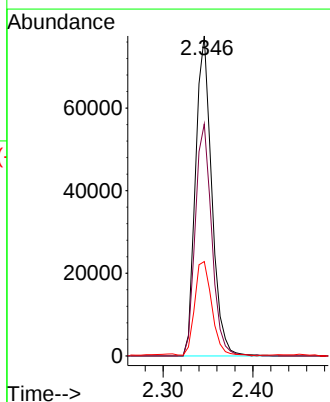
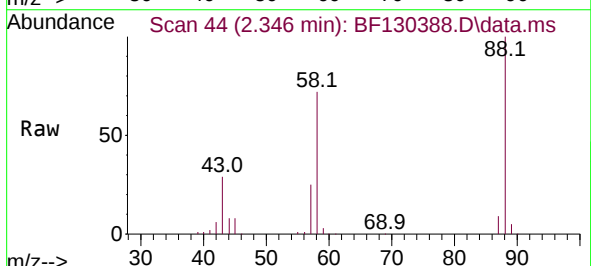
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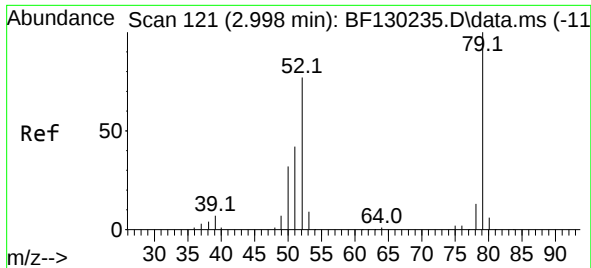
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#2
1,4-Dioxane
Concen: 32.355 ng
RT: 2.346 min Scan# 44
Delta R.T. 0.059 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

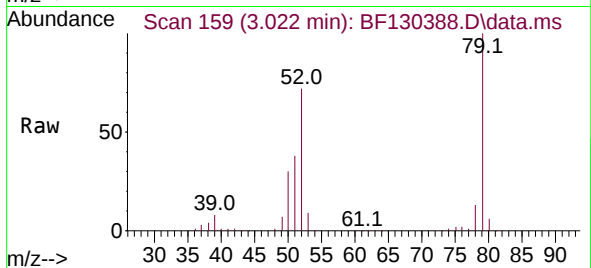
Tgt Ion: 88 Resp: 97313
Ion Ratio Lower Upper
88 100
58 73.3 61.3 91.9
43 31.4 23.0 34.6





#3
Pyridine
Concen: 31.937 ng
RT: 3.022 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

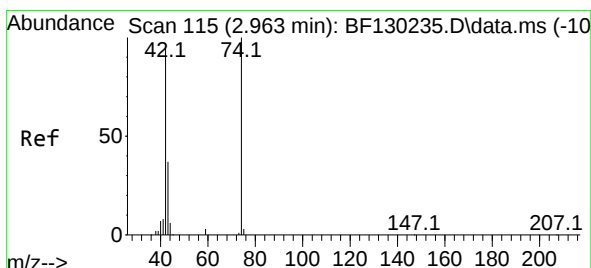
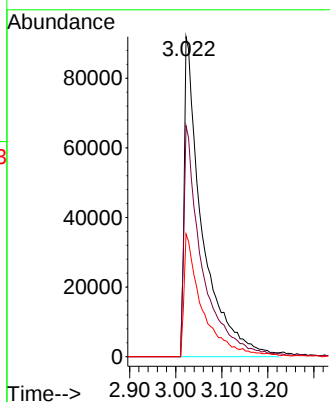
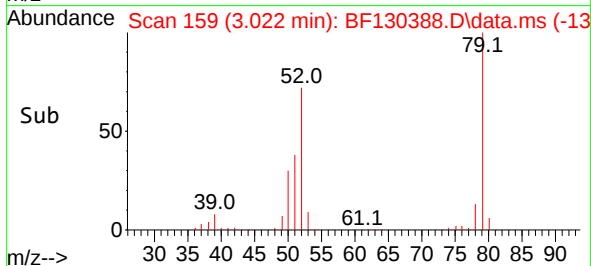
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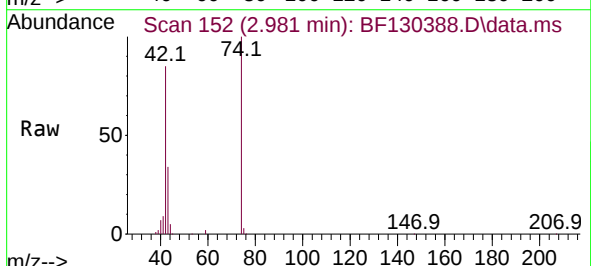
Tgt Ion: 79 Resp: 250575
Ion Ratio Lower Upper
79 100
52 72.1 62.4 93.6
51 38.4 32.2 48.4

Manual Integrations
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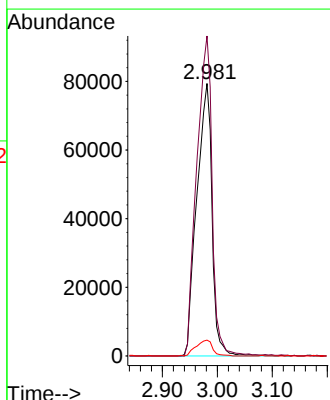
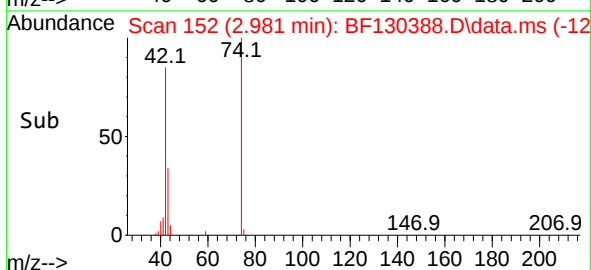
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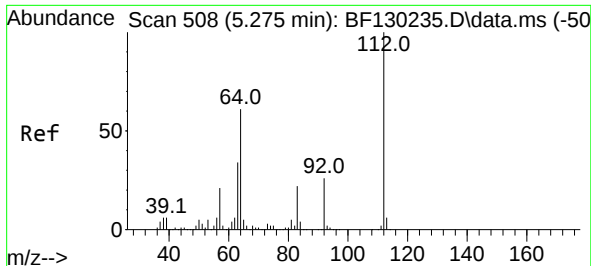


#4
n-Nitrosodimethylamine
Concen: 35.756 ng
RT: 2.981 min Scan# 152
Delta R.T. 0.041 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion: 42 Resp: 152582
Ion Ratio Lower Upper
42 100
74 117.4 88.4 132.6
44 5.8 5.0 7.4





#5
2-Fluorophenol
Concen: 136.369 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

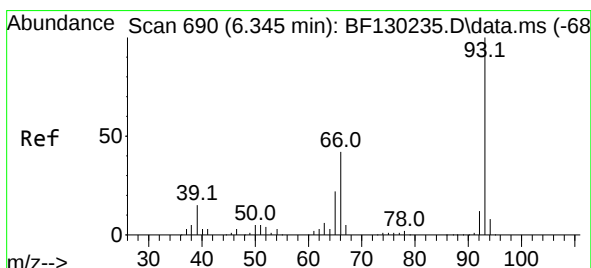
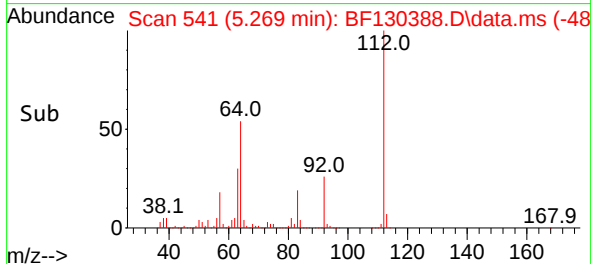
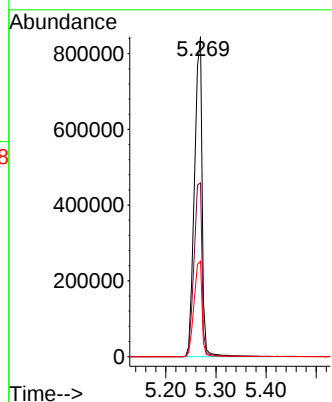
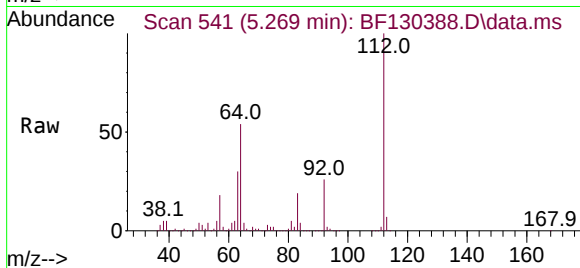
PB147862BS

Tgt Ion:112 Resp: 893086
Ion Ratio Lower Upper
112 100
64 54.3 51.4 77.0
63 29.8 28.8 43.2

Manual Integrations

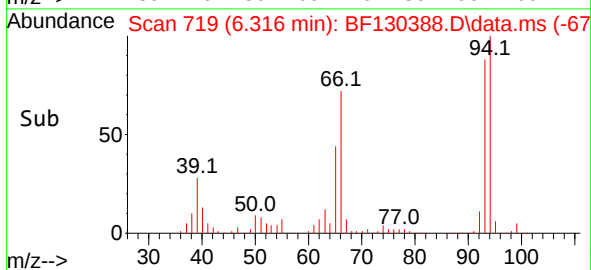
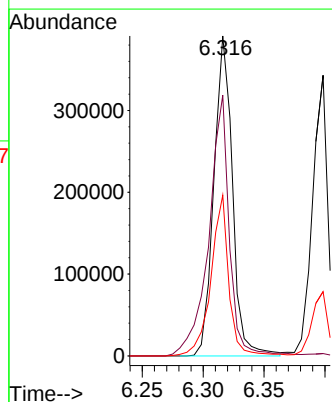
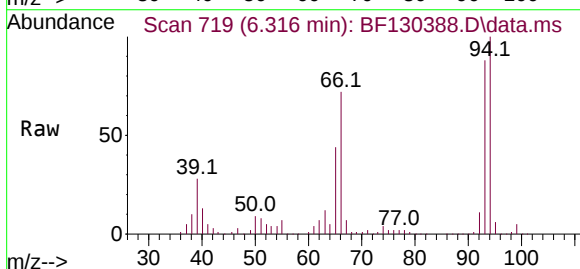
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Reviewed By :Christian Giraldo 09/26/2022
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#6
Aniline
Concen: 41.139 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

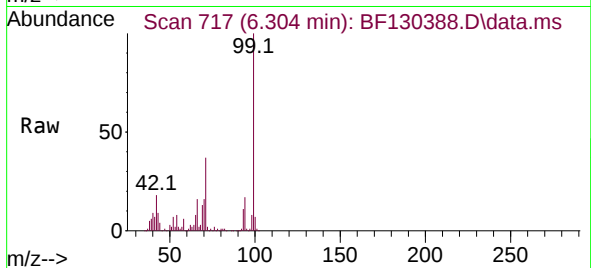
Tgt Ion: 93 Resp: 415354
Ion Ratio Lower Upper
93 100
66 81.5 34.2 51.4#
65 50.2 16.6 24.8#





#7
Phenol-d6
Concen: 133.218 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

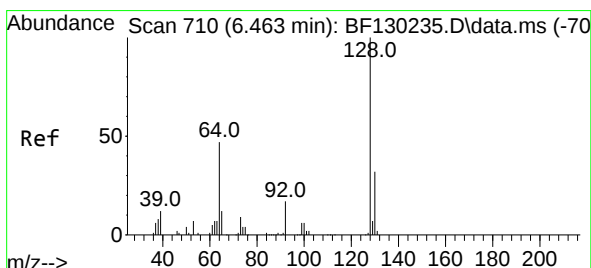
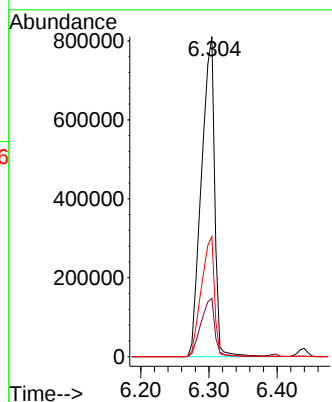
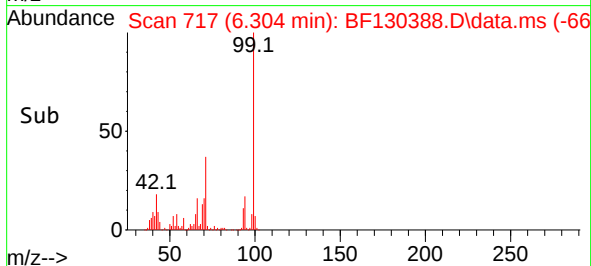
Instrument :
BNA_F
ClientSampleId :
PB147862BS



Tgt Ion: 99 Resp: 1091630
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.5 32.3 48.5

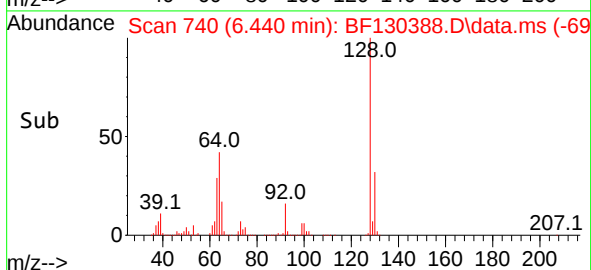
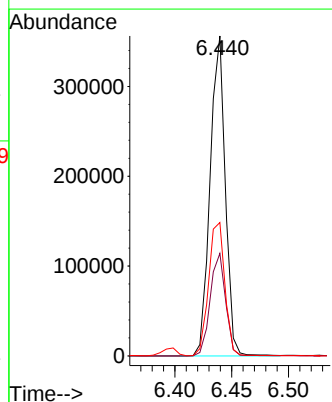
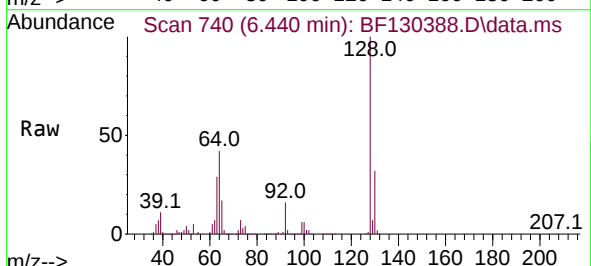
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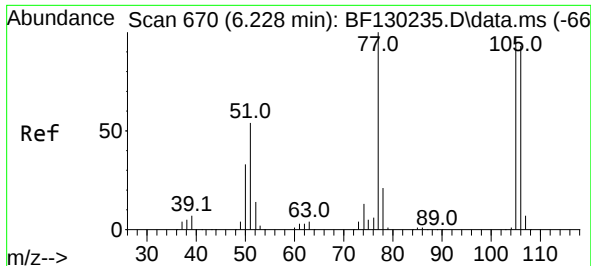
Reviewed By :Christian Giraldo 09/26/2022
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#8
2-Chlorophenol
Concen: 44.513 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:128 Resp: 332075
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 41.7 31.6 71.6





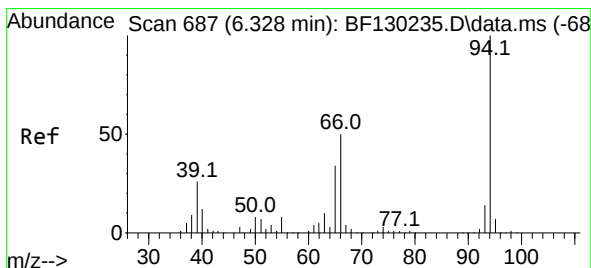
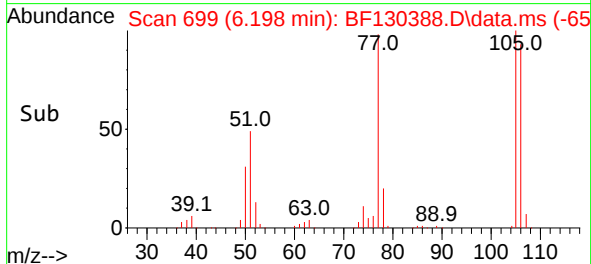
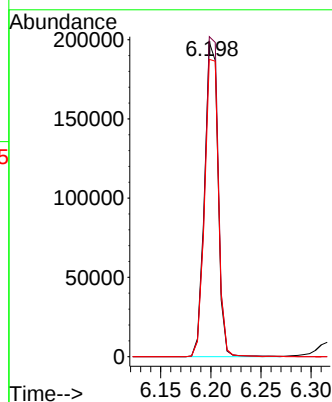
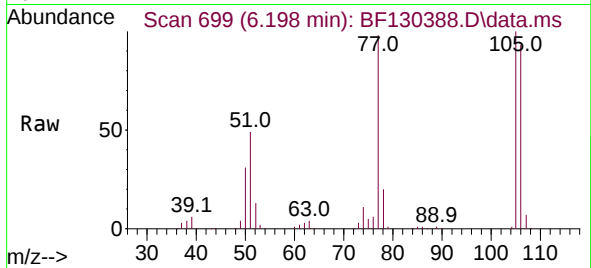
#9
Benzaldehyde
Concen: 33.651 ng
RT: 6.198 min Scan# 699
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion: 77 Resp: 184706
Ion Ratio Lower Upper
77 100
105 101.9 75.1 115.1
106 94.6 69.7 109.7

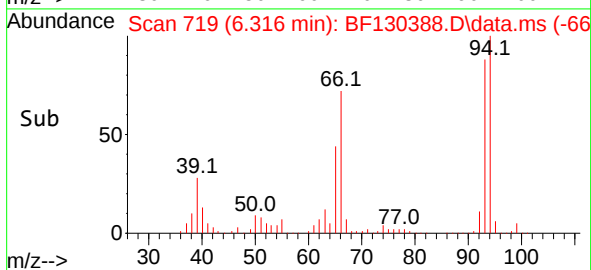
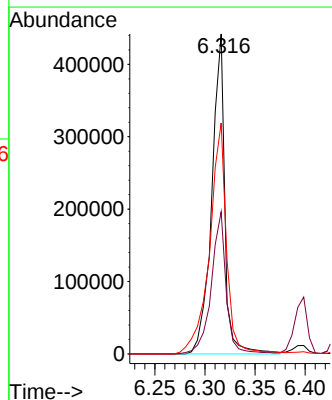
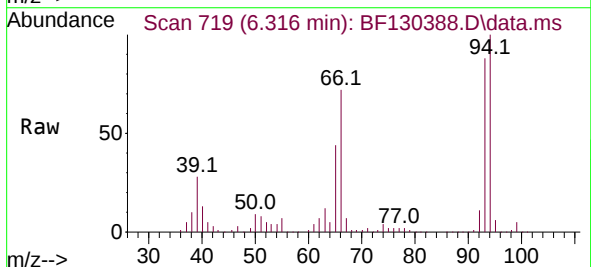
Manual Integrations
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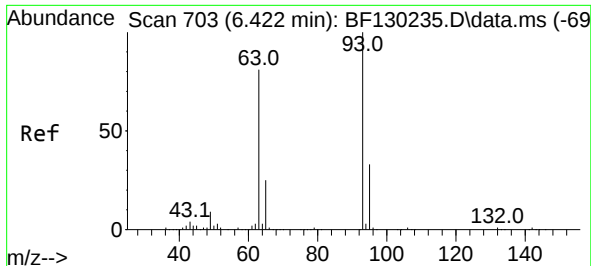
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#10
Phenol
Concen: 41.702 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion: 94 Resp: 400458
Ion Ratio Lower Upper
94 100
65 44.4 14.1 54.1
66 72.1 28.1 68.1#





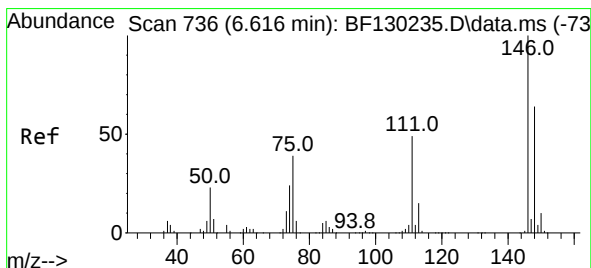
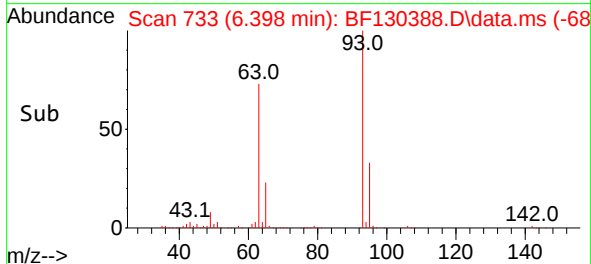
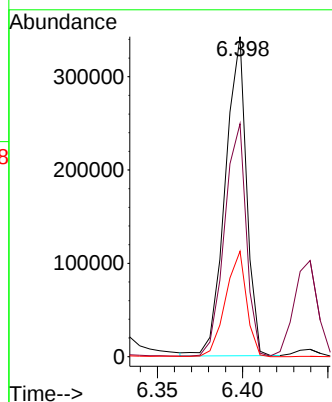
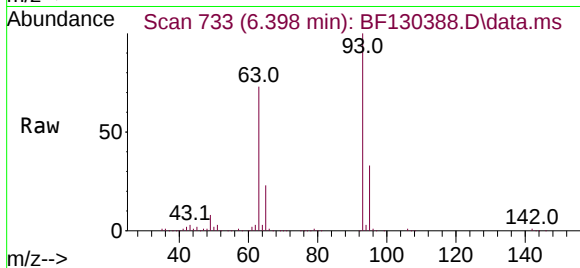
#11
bis(2-Chloroethyl)ether
Concen: 42.922 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion: 93 Resp: 297297
Ion Ratio Lower Upper
93 100
63 72.8 62.5 102.5
95 32.9 12.5 52.5

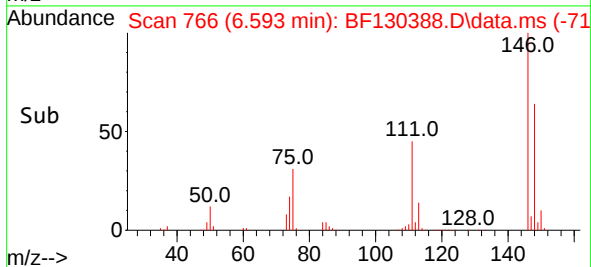
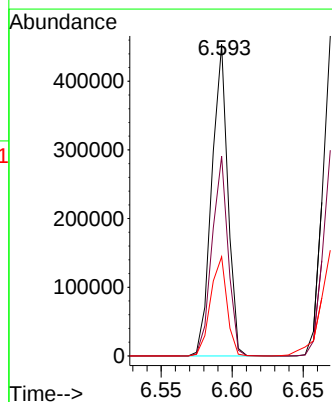
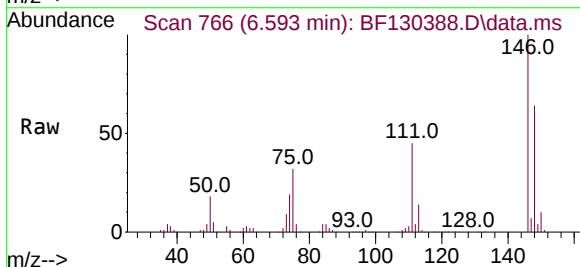
Manual Integrations
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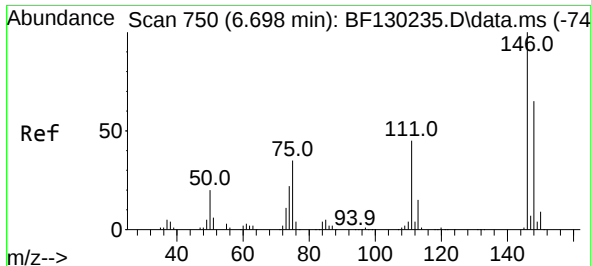
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#12
1,3-Dichlorobenzene
Concen: 43.523 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:146 Resp: 357264
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 31.8 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.904 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

Tgt Ion:146 Resp: 367514

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

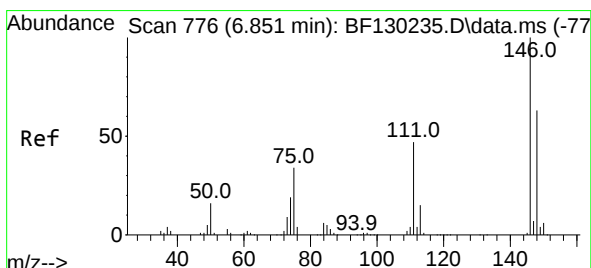
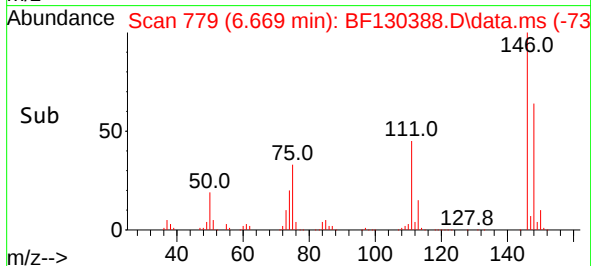
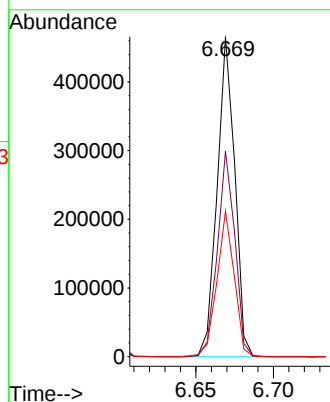
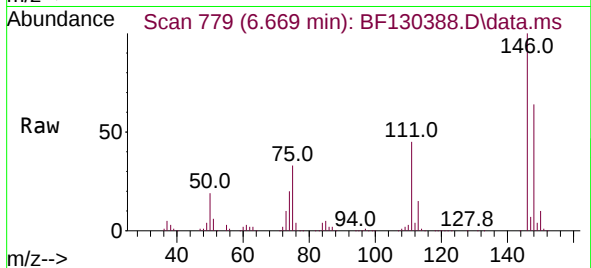
111 45.5 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#14

1,2-Dichlorobenzene

Concen: 44.442 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

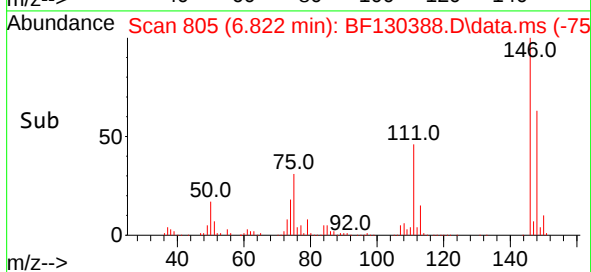
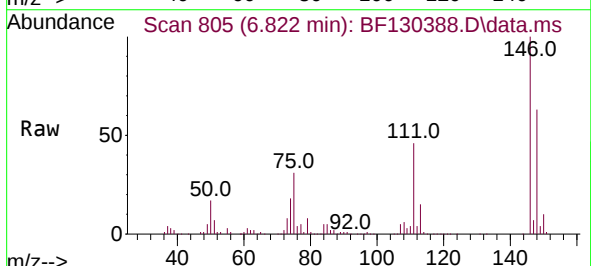
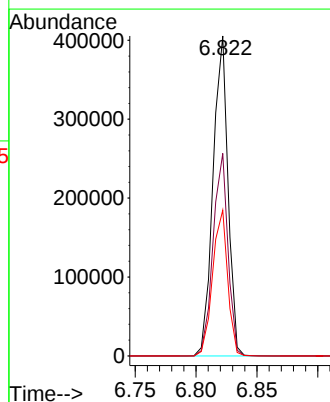
Tgt Ion:146 Resp: 347522

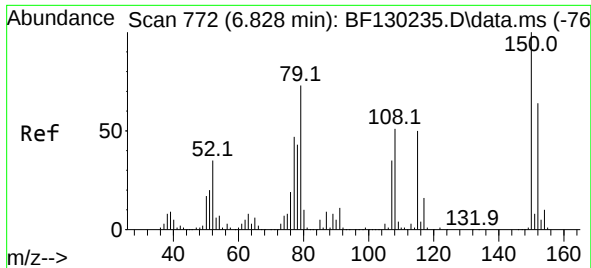
Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

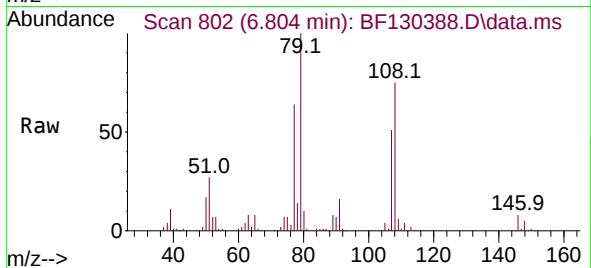
111 45.5 39.2 58.8





#15
Benzyl Alcohol
Concen: 30.218 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

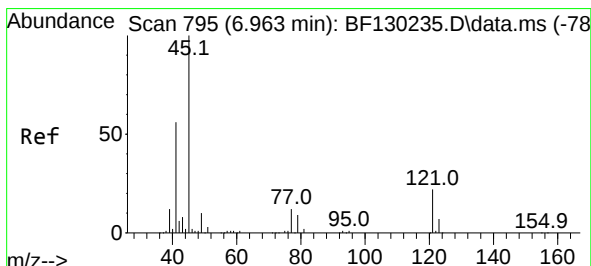
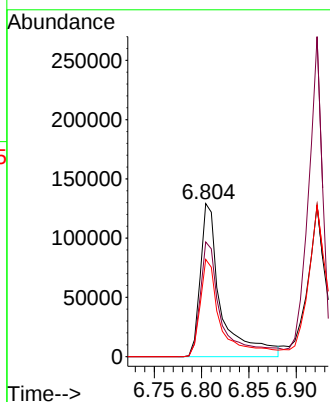
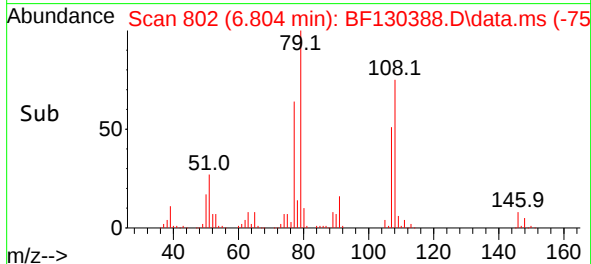
Instrument :
BNA_F
ClientSampleId :
PB147862BS



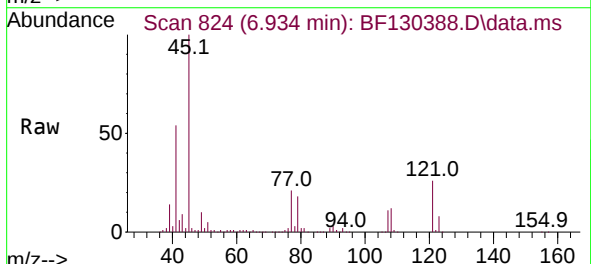
Tgt Ion: 79 Resp: 19632
Ion Ratio Lower Upper
79 100
108 75.0 54.0 81.0
77 63.6 51.3 76.9

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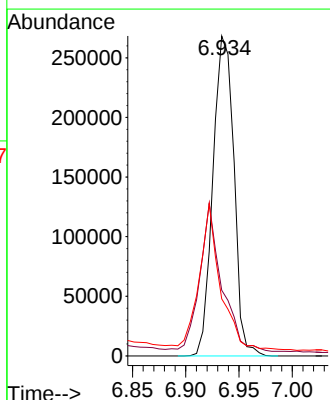
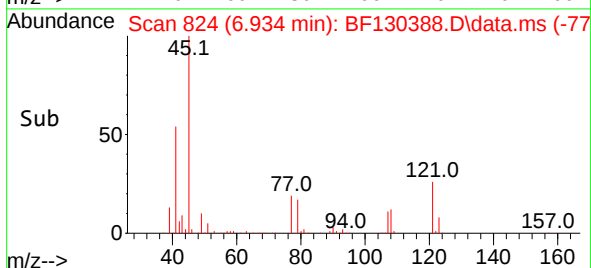
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

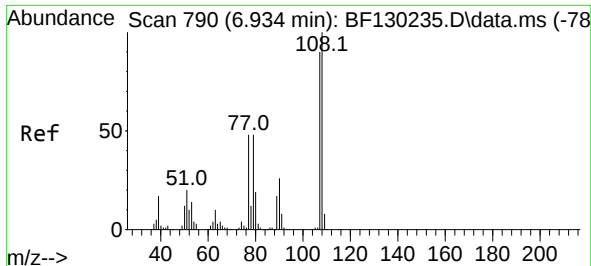


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.433 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion: 45 Resp: 368056
Ion Ratio Lower Upper
45 100
77 20.5 0.0 34.9
79 17.8 0.0 31.0





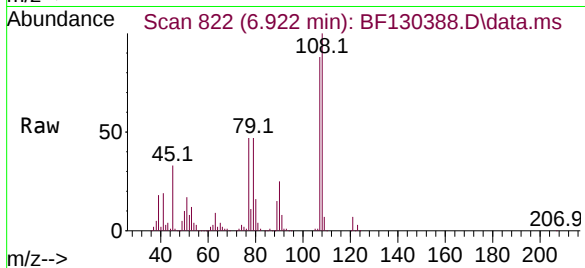
#17
2-Methylphenol
Concen: 45.257 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

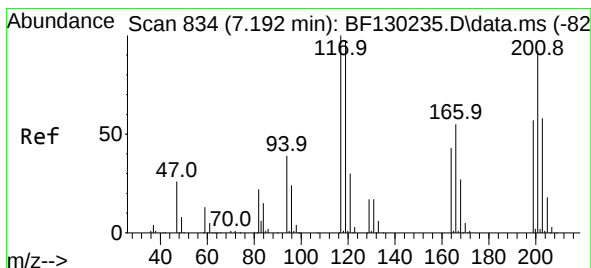
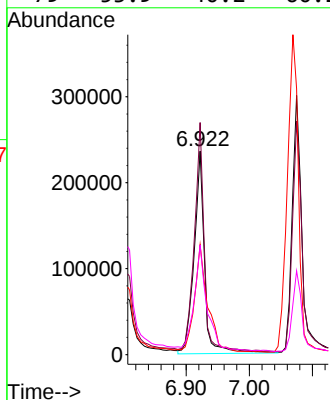
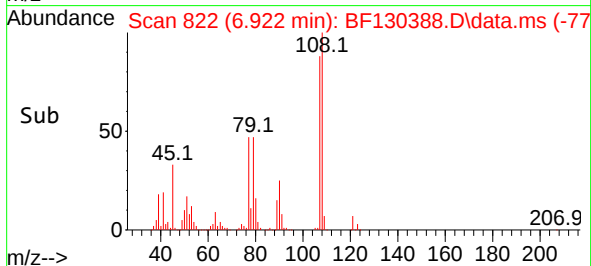


Tgt Ion:107 Resp: 274455
Ion Ratio Lower Upper
107 100
108 114.1 89.4 134.0
77 54.0 40.6 60.8
79 53.9 40.2 60.2

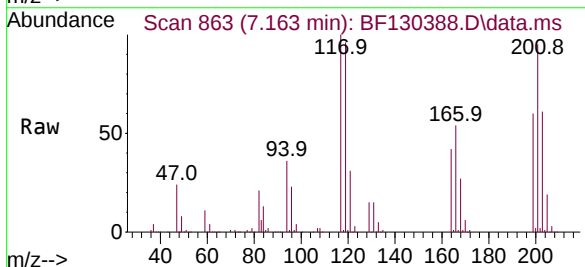
Manual Integrations

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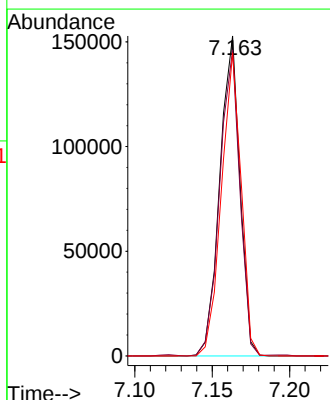
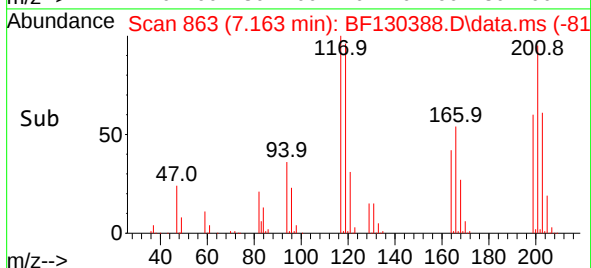
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

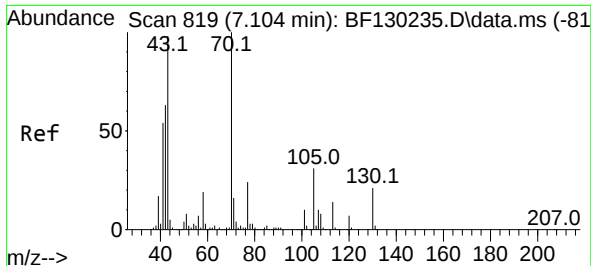


#18
Hexachloroethane
Concen: 41.965 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:117 Resp: 138470
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
201 94.7 68.7 103.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.123 ng

RT: 7.075 min Scan# 848

Delta R.T. -0.018 min

Lab File: BF130388.D

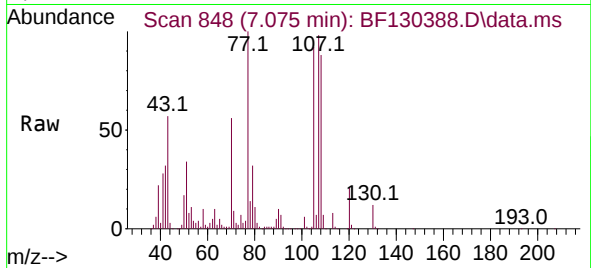
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS



Tgt Ion: 70 Resp: 216326

Ion Ratio Lower Upper

70 100

42 55.8 50.8 76.2

101 9.9 8.2 12.4

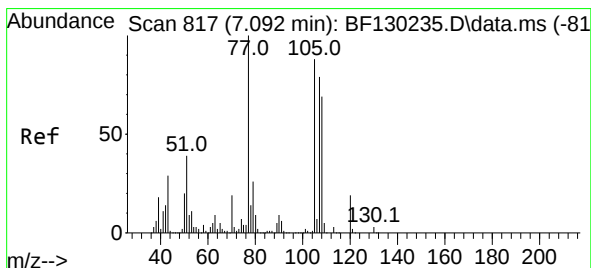
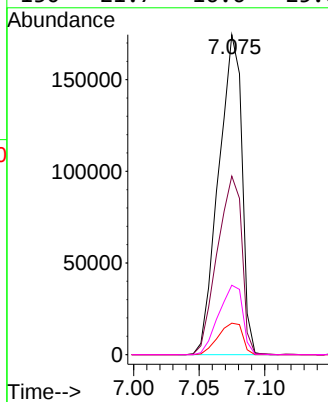
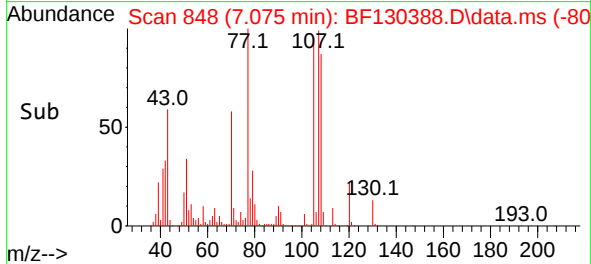
130 21.7 16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#20

3+4-Methylphenols

Concen: 40.899 ng

RT: 7.075 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Tgt Ion:107 Resp: 322204

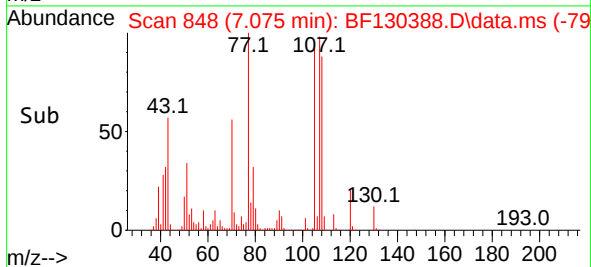
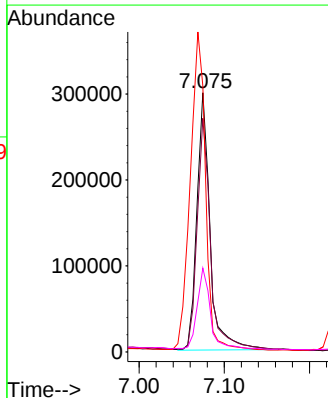
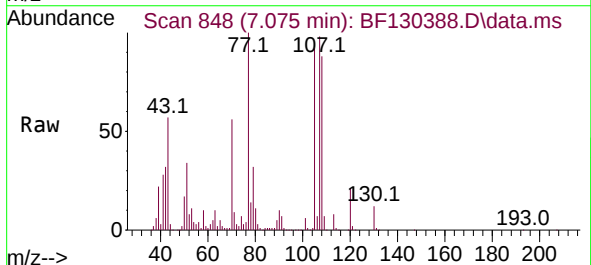
Ion Ratio Lower Upper

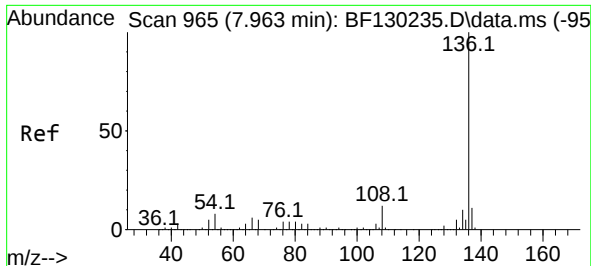
107 100

108 90.1 74.8 114.8

77 102.5 125.8 165.8#

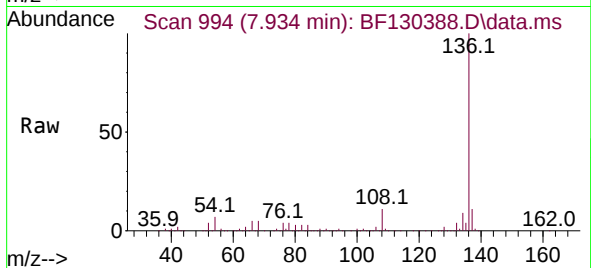
79 32.3 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

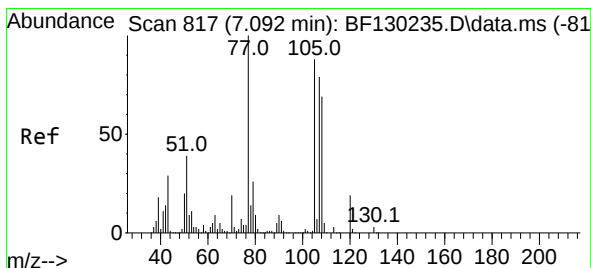
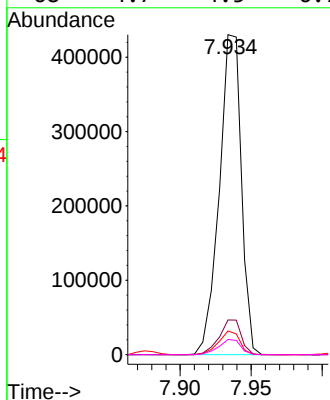
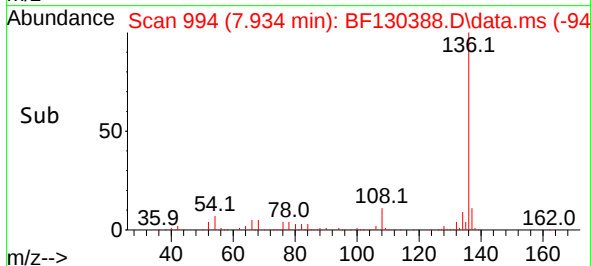
Instrument :
BNA_F
ClientSampleId :
PB147862BS



Tgt Ion:136 Resp: 466500
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.4 7.1 10.7
68 4.7 4.5 6.7

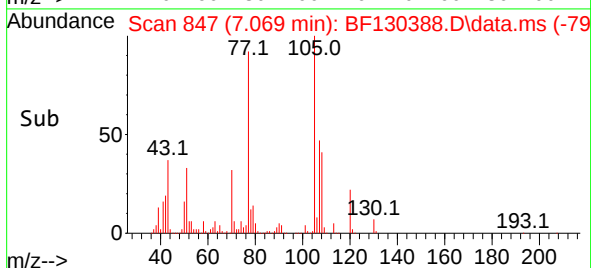
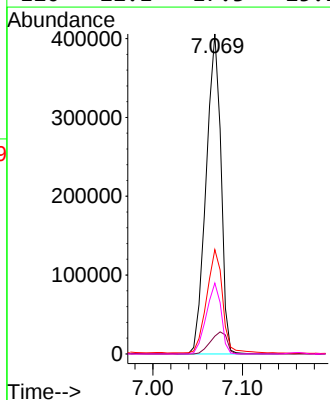
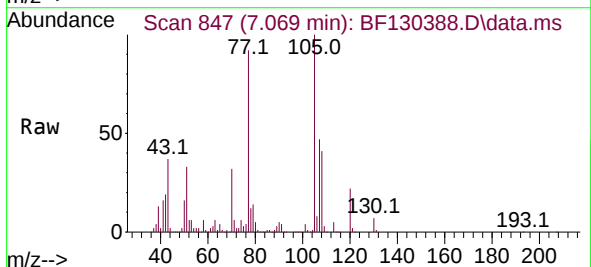
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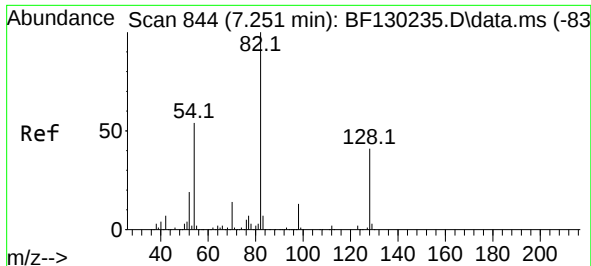
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#22
Acetophenone
Concen: 40.835 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:105 Resp: 465731
Ion Ratio Lower Upper
105 100
71 5.5 3.9 5.9
51 32.6 32.2 48.2
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.054 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

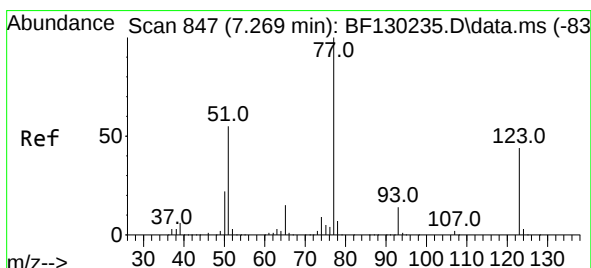
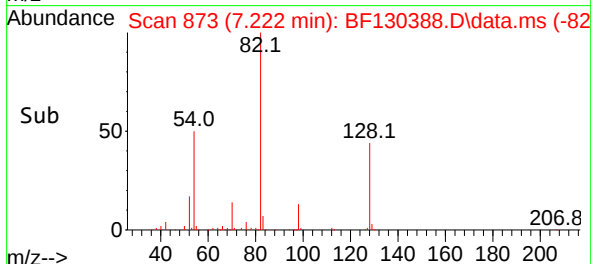
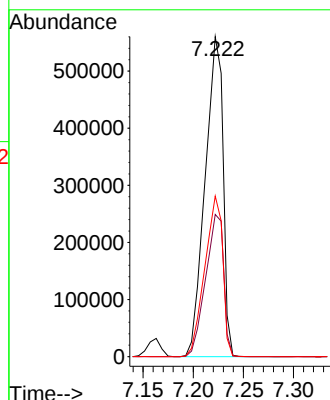
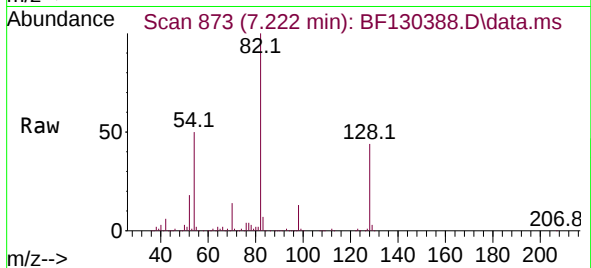
PB147862BS

Tgt Ion: 82 Resp: 694465
 Ion Ratio Lower Upper
 82 100
 128 44.4 32.6 49.0
 54 50.2 43.8 65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#24

Nitrobenzene

Concen: 37.130 ng

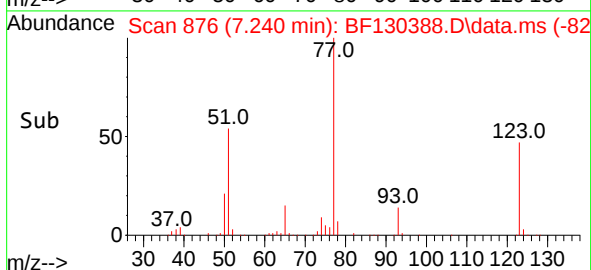
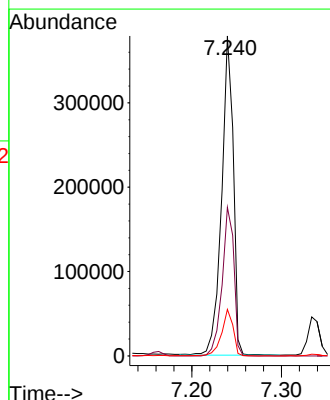
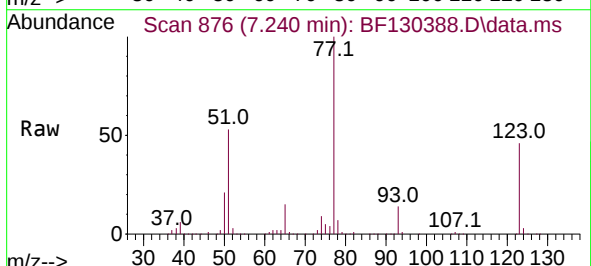
RT: 7.240 min Scan# 876

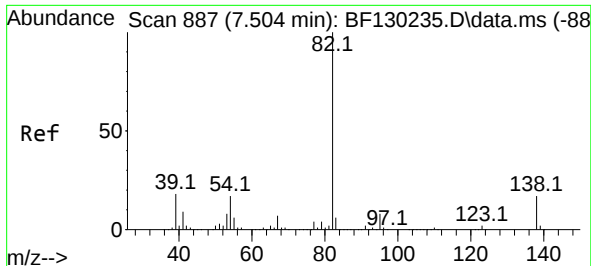
Delta R.T. -0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Tgt Ion: 77 Resp: 344257
 Ion Ratio Lower Upper
 77 100
 123 46.4 34.3 51.5
 65 14.5 12.0 18.0





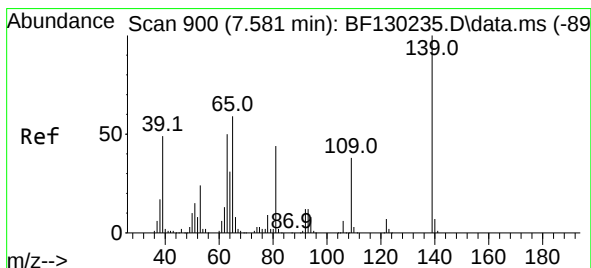
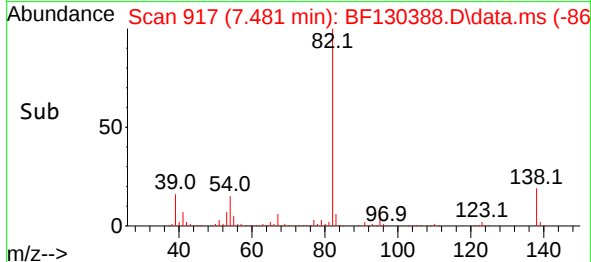
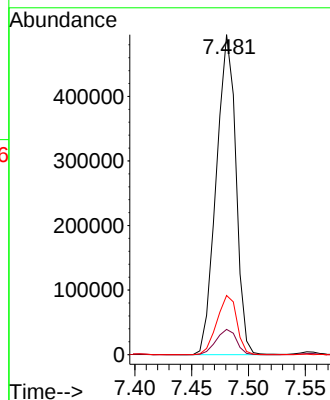
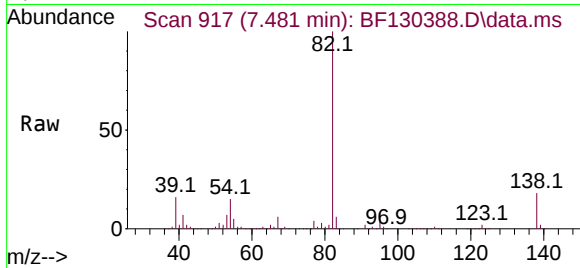
#25
Isophorone
Concen: 40.523 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion: 82 Resp: 59639
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.5 13.8 20.6

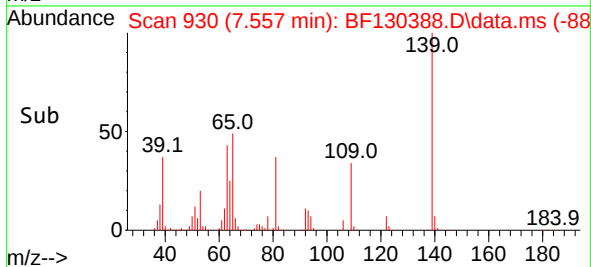
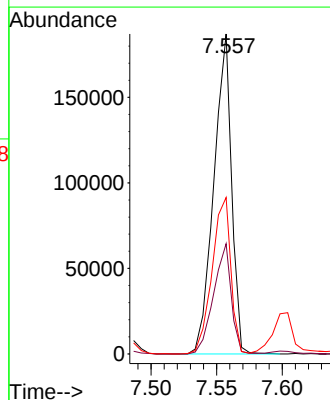
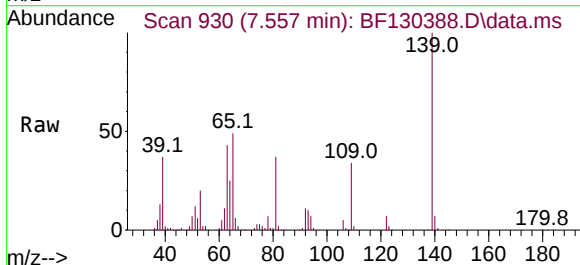
Manual Integrations
APPROVED

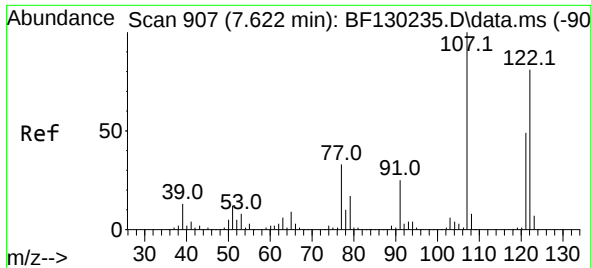
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#26
2-Nitrophenol
Concen: 46.407 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:139 Resp: 176386
Ion Ratio Lower Upper
139 100
109 34.4 30.2 45.4
65 48.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 45.135 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

Tgt Ion:122 Resp: 26414

Ion Ratio Lower Upper

122 100

107 116.2 100.2 150.2

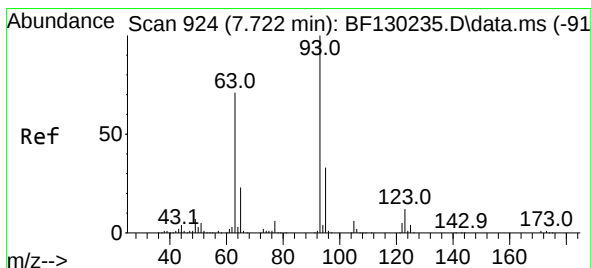
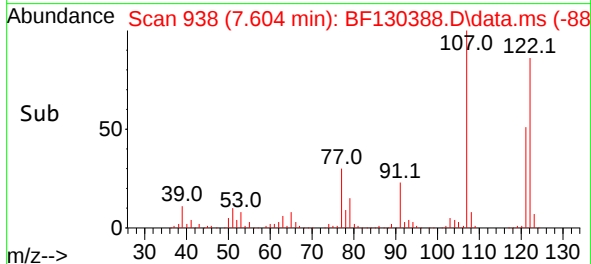
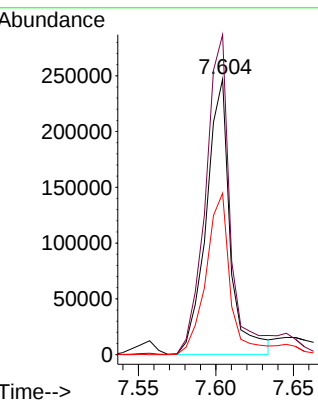
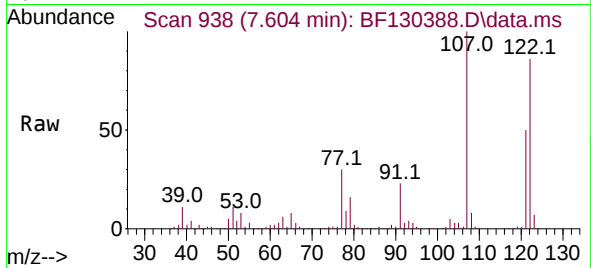
121 58.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.377 ng

RT: 7.698 min Scan# 954

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

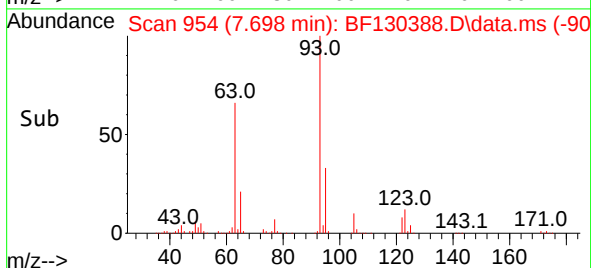
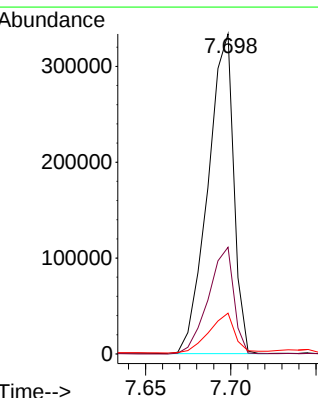
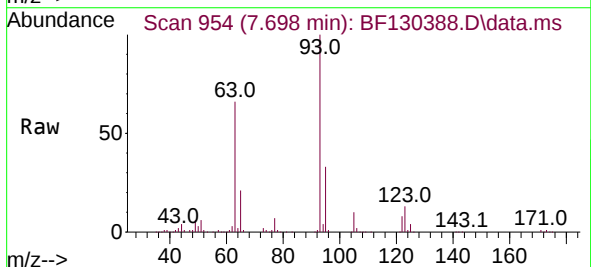
Tgt Ion: 93 Resp: 351180

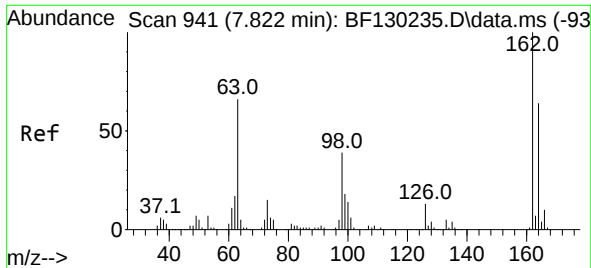
Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

123 12.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 42.343 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

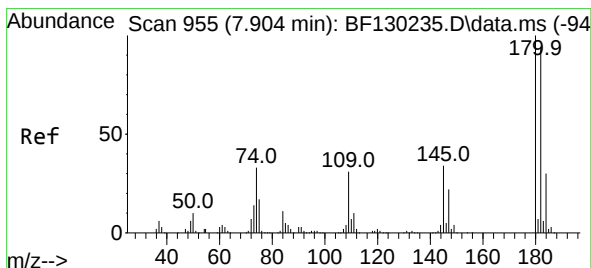
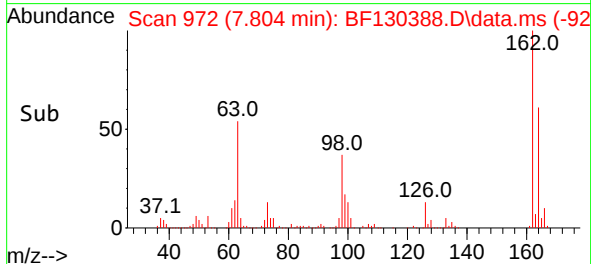
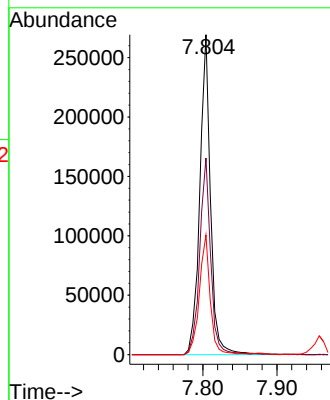
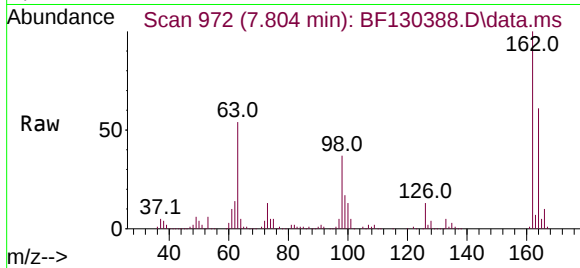
Tgt Ion:162	Resp:	271549
Ion Ratio	Lower	Upper
162	100	
164	61.4	42.2 82.2
98	37.4	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.190 ng

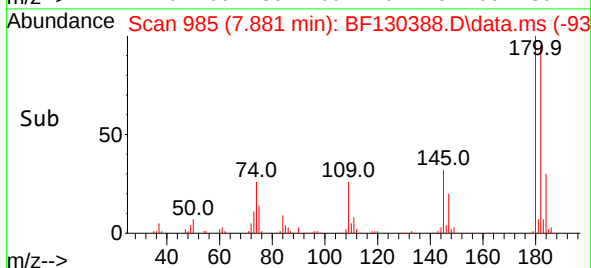
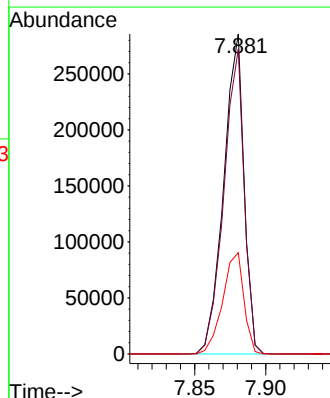
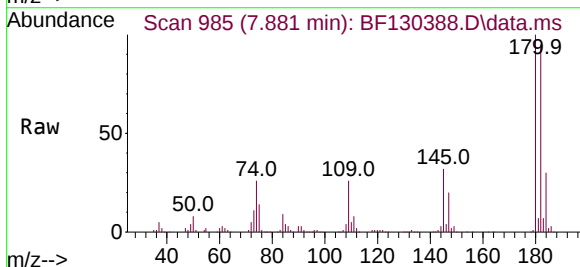
RT: 7.881 min Scan# 985

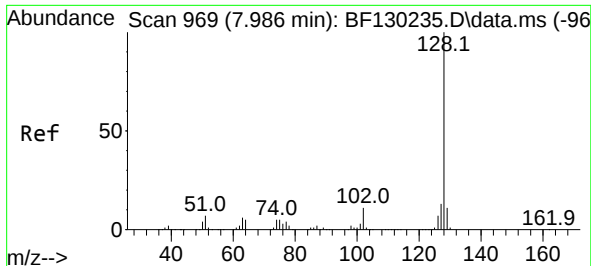
Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

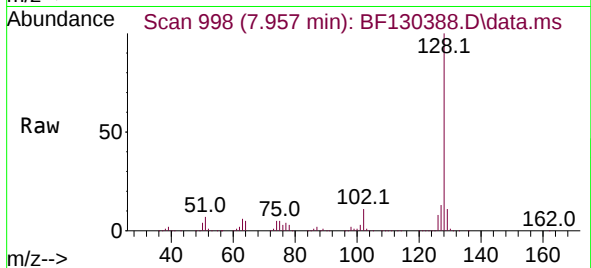
Tgt Ion:180	Resp:	285597
Ion Ratio	Lower	Upper
180	100	
182	95.2	73.3 109.9
145	31.6	28.3 42.5





#31
Naphthalene
Concen: 39.590 ng
RT: 7.957 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

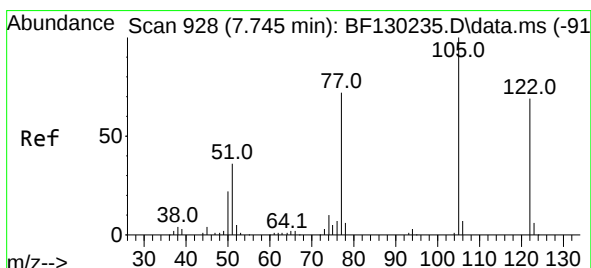
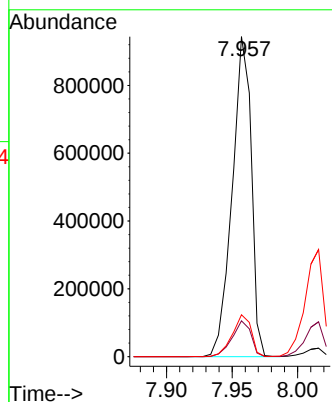
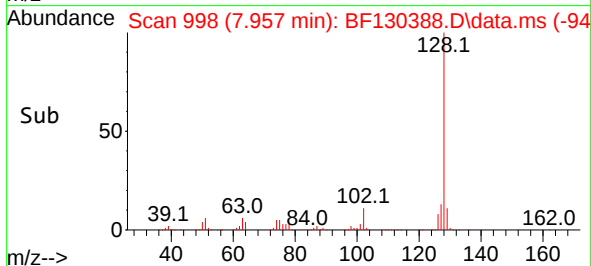
Instrument :
BNA_F
ClientSampleId :
PB147862BS



Tgt Ion:128 Resp: 951482
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.6 16.0

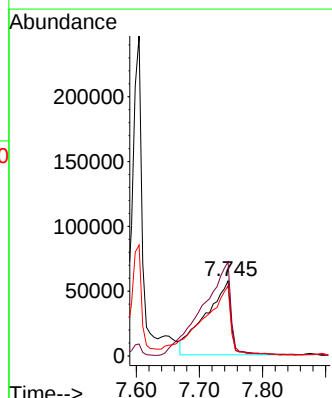
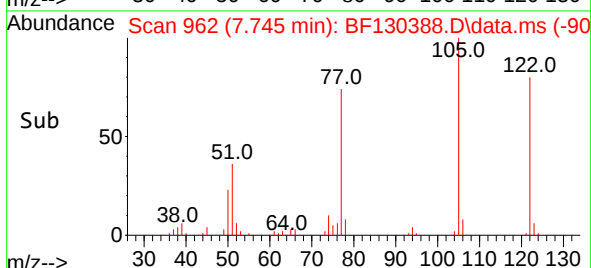
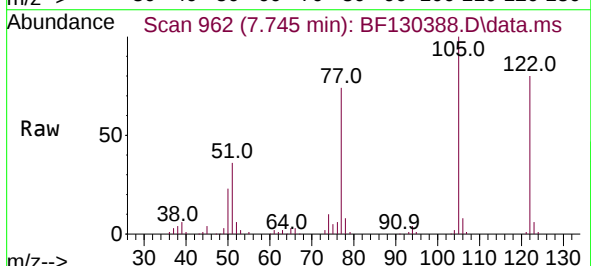
Manual Integrations
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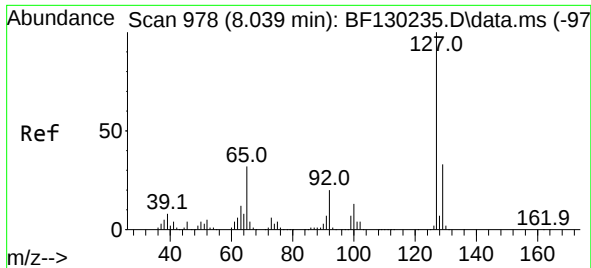
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#32
Benzoic acid
Concen: 35.895 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:122 Resp: 162449
Ion Ratio Lower Upper
122 100
105 125.3 112.9 152.9
77 93.4 82.8 122.8





#33
4-Chloroaniline
Concen: 37.195 ng
RT: 8.016 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

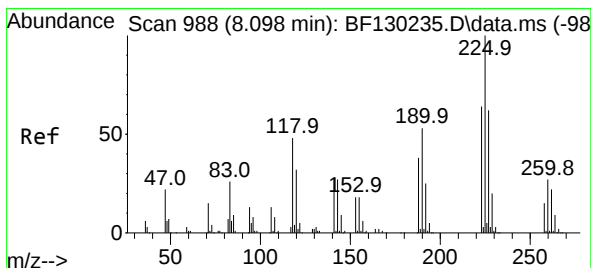
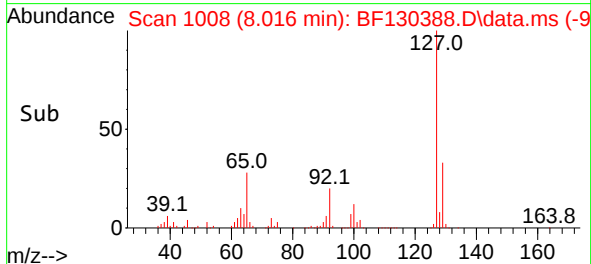
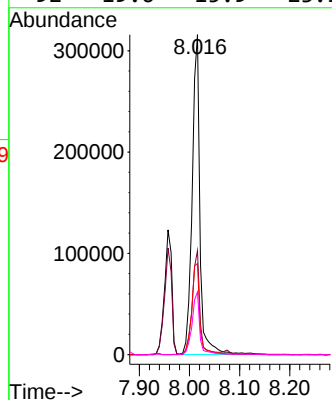
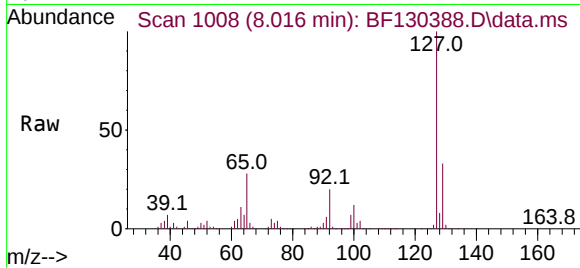
ClientSampleId :

PB147862BS

Tgt Ion:127 Resp: 33998
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 28.4 27.0 40.6
92 19.6 15.9 23.9

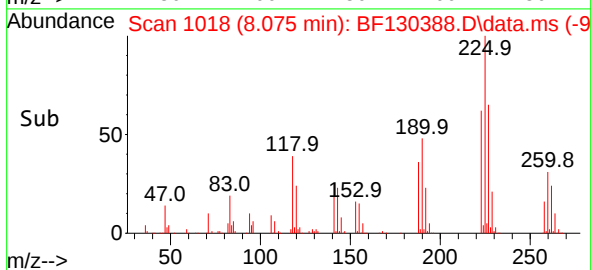
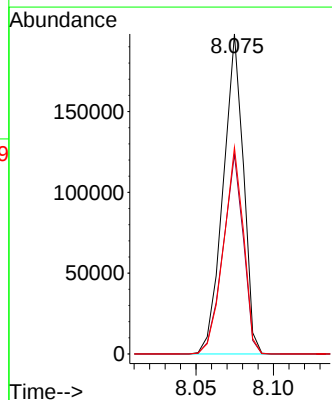
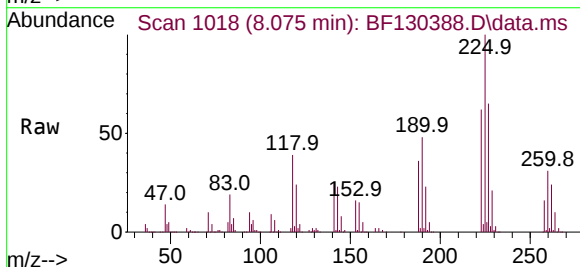
Manual Integrations
APPROVED

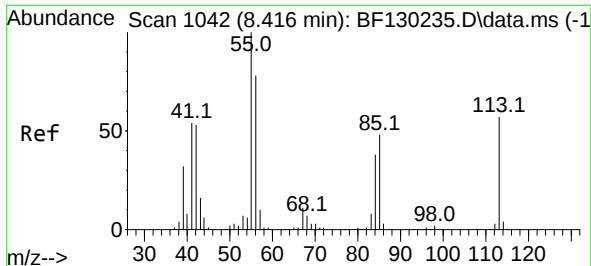
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#34
Hexachlorobutadiene
Concen: 40.597 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

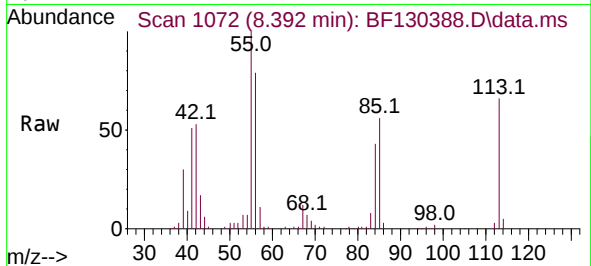
Tgt Ion:225 Resp: 179891
Ion Ratio Lower Upper
225 100
223 62.4 50.3 75.5
227 64.6 51.1 76.7





#35
 Caprolactam
 Concen: 47.946 ng m
 RT: 8.392 min Scan# 1042
 Delta R.T. -0.012 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00

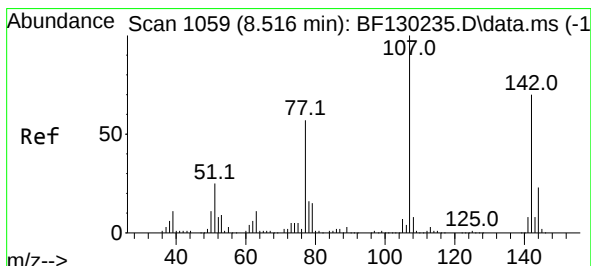
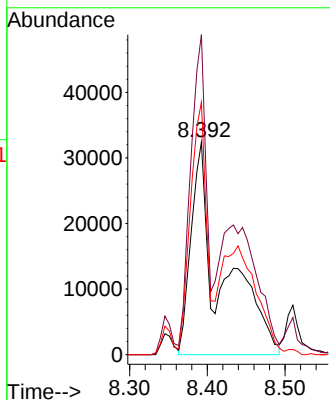
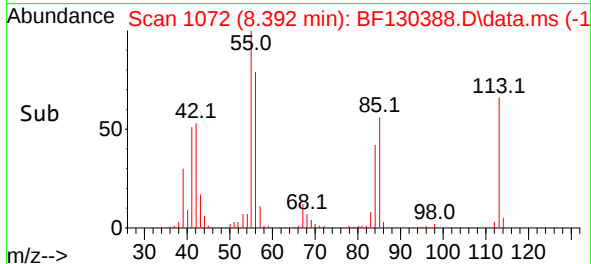
Instrument :
 BNA_F
 ClientSampleId :
 PB147862BS



Tgt Ion:113 Resp: 88149
 Ion Ratio Lower Upper
 113 100
 55 150.7 155.4 195.4
 56 118.8 120.4 160.4

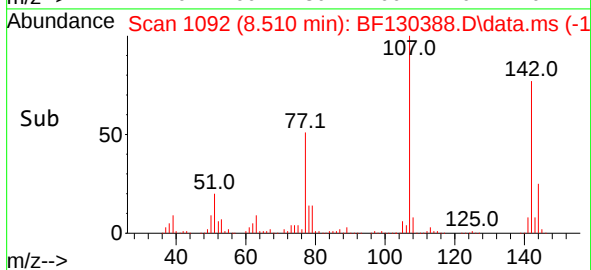
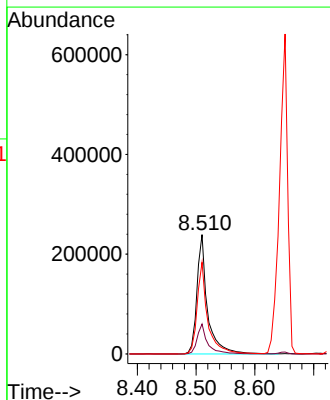
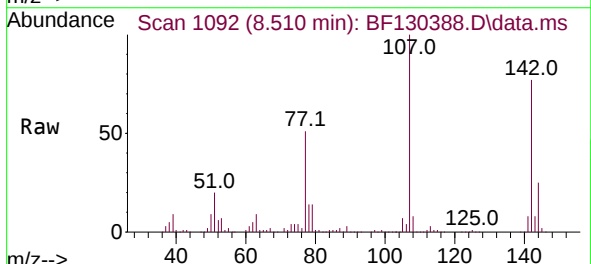
Manual Integrations
 APPROVED

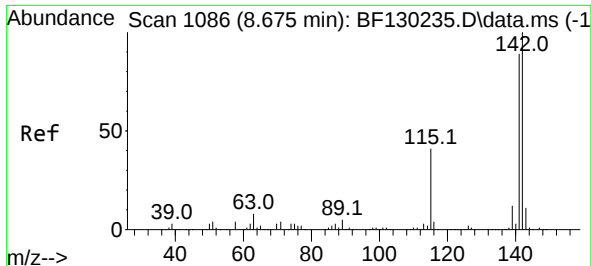
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.714 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00

Tgt Ion:107 Resp: 296523
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 76.8 61.3 91.9





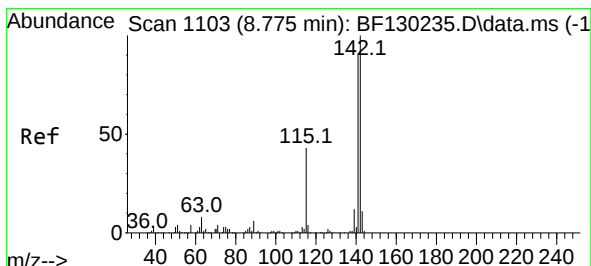
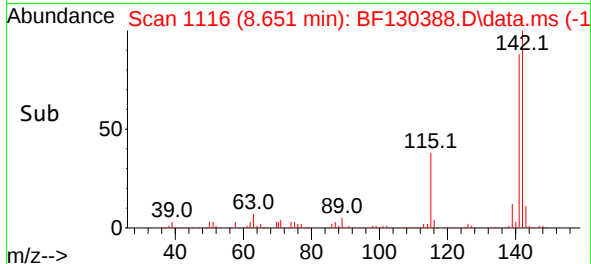
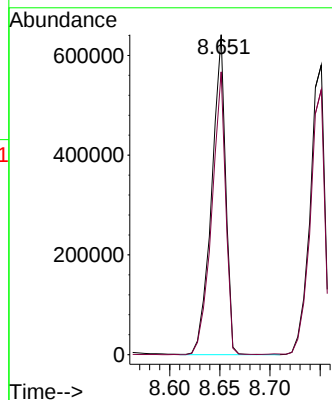
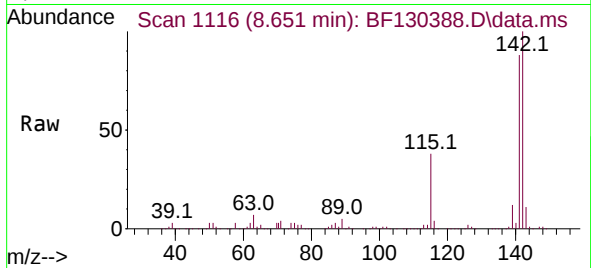
#37
2-Methylnaphthalene
Concen: 40.645 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:142 Resp: 622824
Ion Ratio Lower Upper
142 100
141 88.4 70.0 105.0

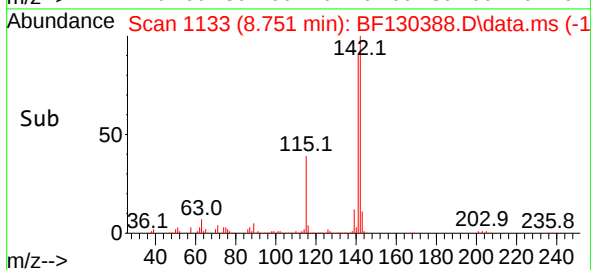
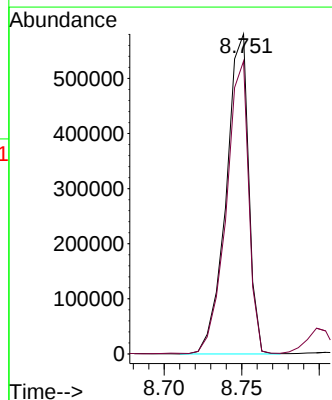
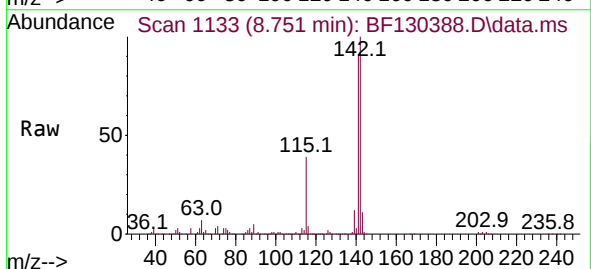
Manual Integrations
APPROVED

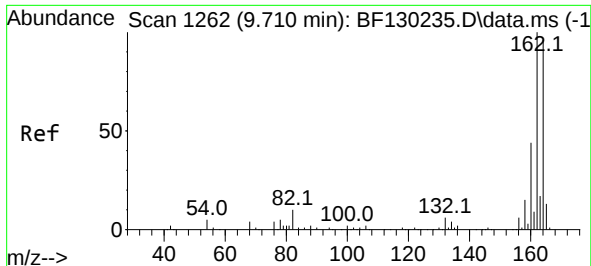
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#38
1-Methylnaphthalene
Concen: 40.087 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:142 Resp: 590096
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF130388.D

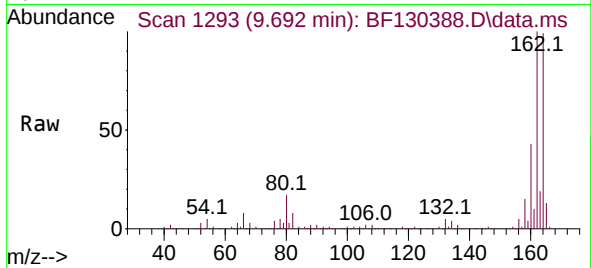
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

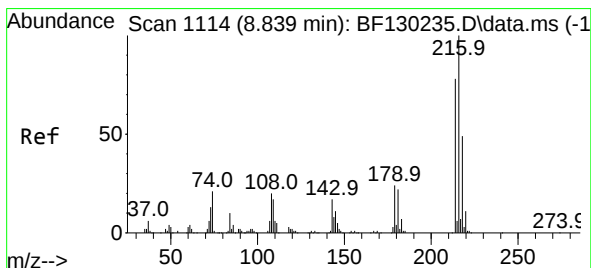
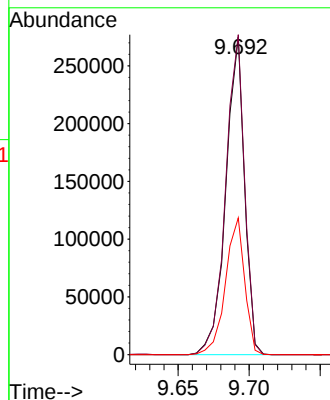


Tgt Ion:	164	Resp:	251235
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.4	122.0
160	43.1	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.986 ng

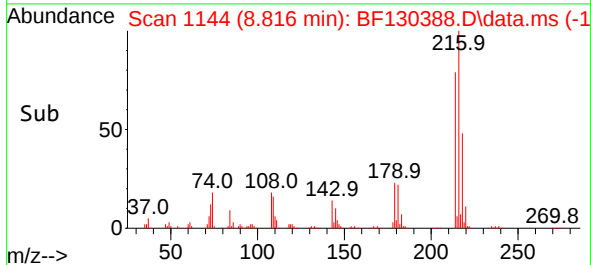
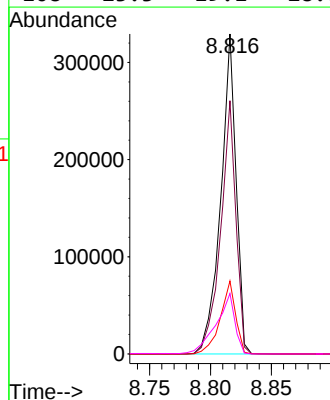
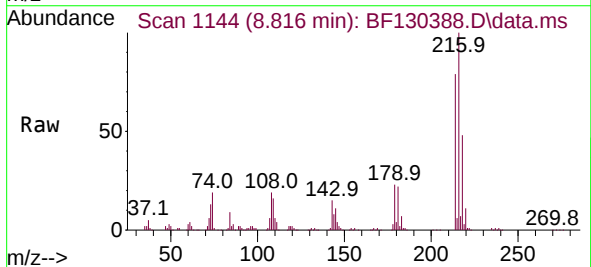
RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

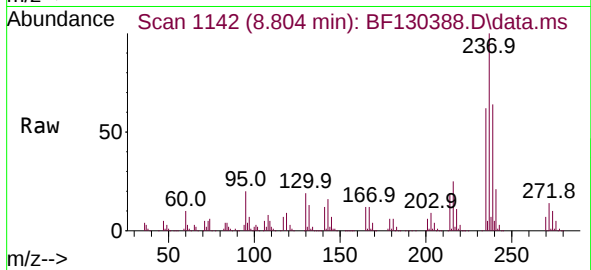
Tgt Ion:	216	Resp:	287870
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.8	94.2
179	22.8	19.5	29.3
108	23.3	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 97.384 ng
RT: 8.804 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

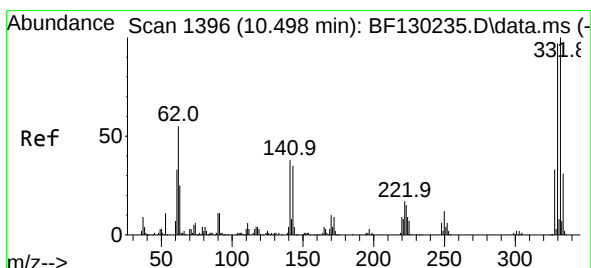
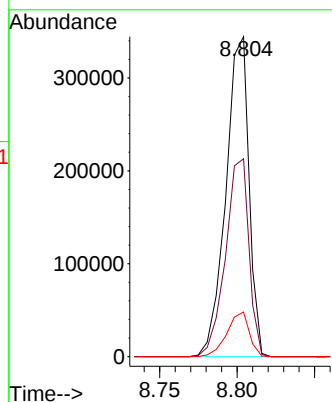
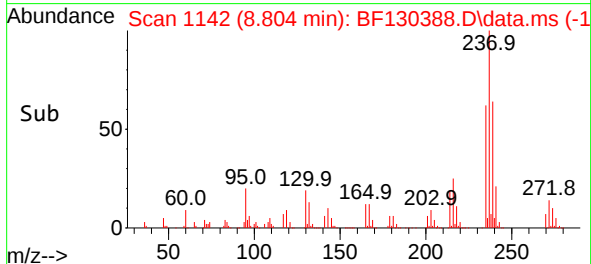
Instrument :
BNA_F
ClientSampleId :
PB147862BS



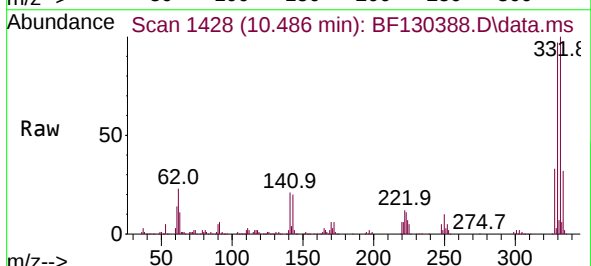
Tgt Ion:237 Resp: 357472
Ion Ratio Lower Upper
237 100
235 61.8 42.5 82.5
272 13.9 0.0 32.8

Manual Integrations
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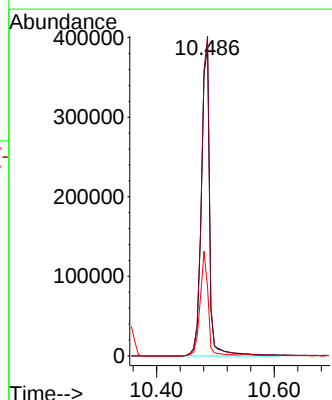
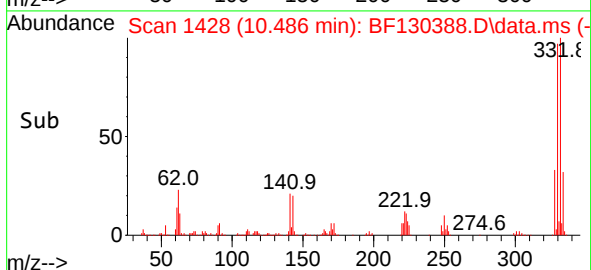
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

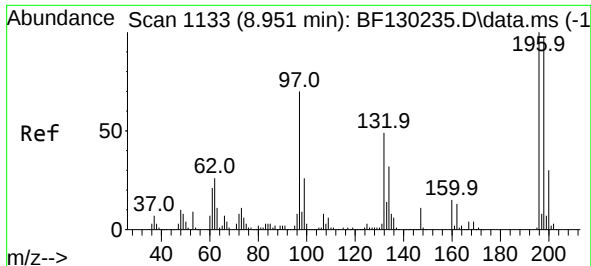


#42
2,4,6-Tribromophenol
Concen: 156.948 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:330 Resp: 377823
Ion Ratio Lower Upper
330 100
332 103.7 83.4 125.2
141 32.7 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 39.623 ng

RT: 8.934 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

Tgt Ion:196 Resp: 189602

Ion Ratio Lower Upper

196 100

198 95.6 72.4 108.6

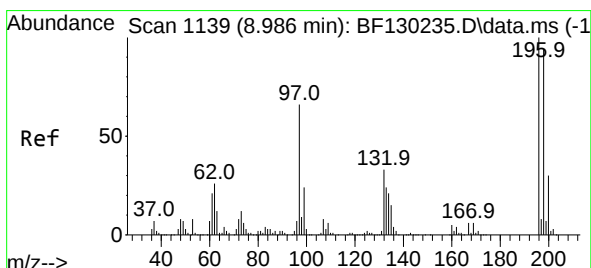
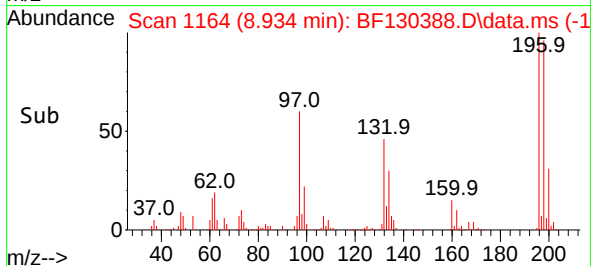
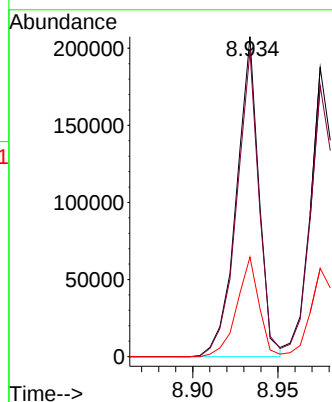
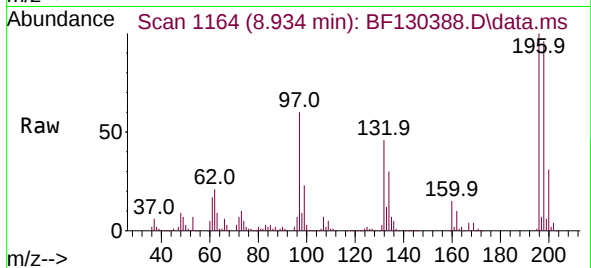
200 31.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#44

2,4,5-Trichlorophenol

Concen: 41.074 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Tgt Ion:196 Resp: 212089

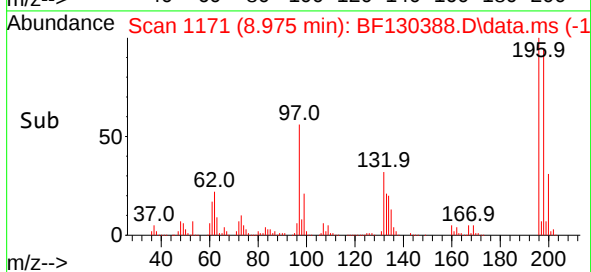
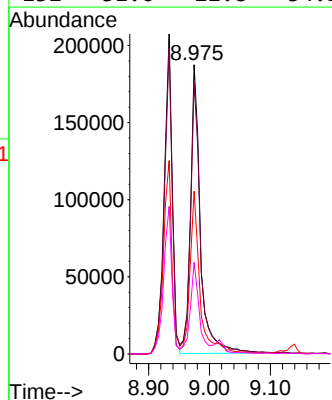
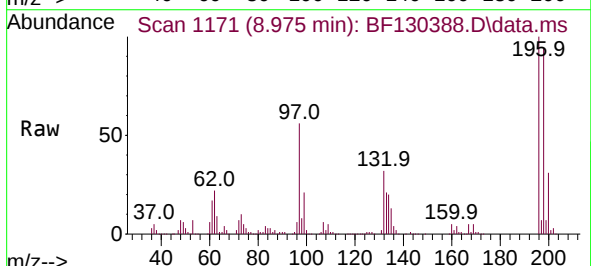
Ion Ratio Lower Upper

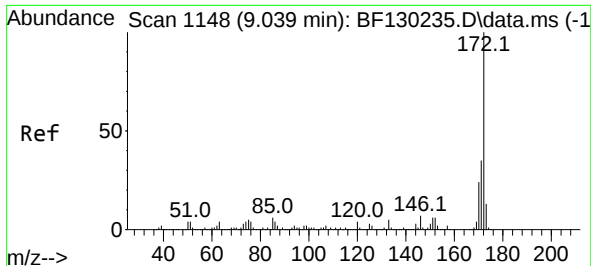
196 100

198 93.7 74.8 112.2

97 56.2 43.7 65.5

132 31.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 78.828 ng

RT: 9.016 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

Tgt Ion:172 Resp: 136000

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

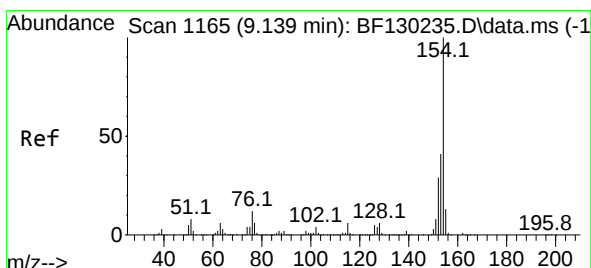
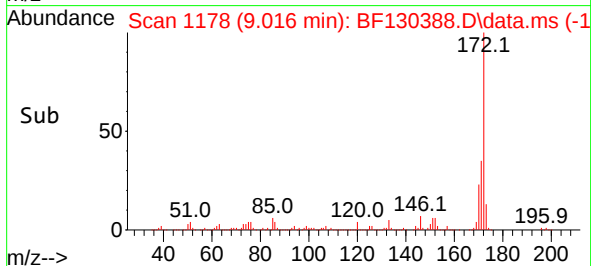
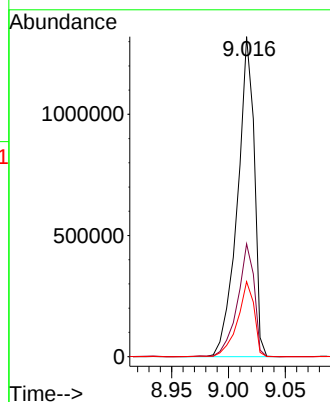
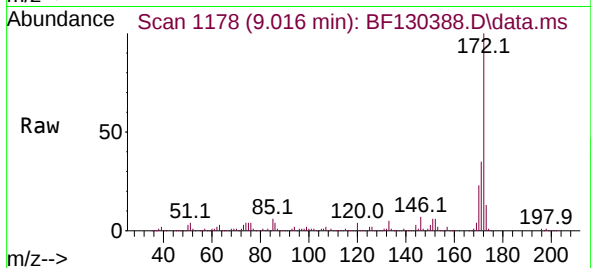
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#46

1,1'-Biphenyl

Concen: 40.498 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

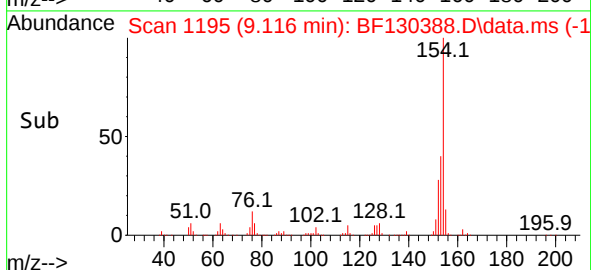
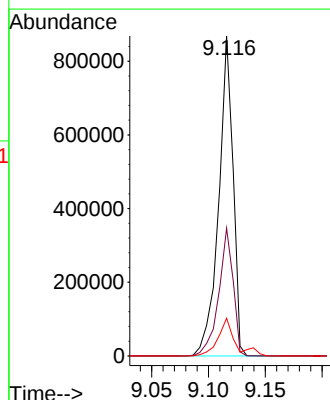
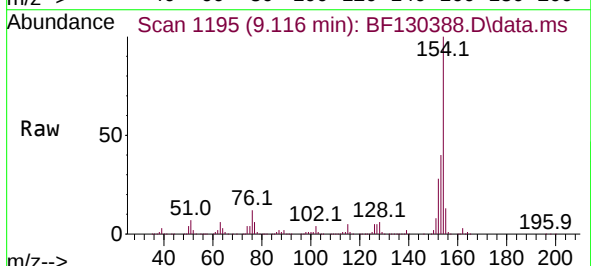
Tgt Ion:154 Resp: 759887

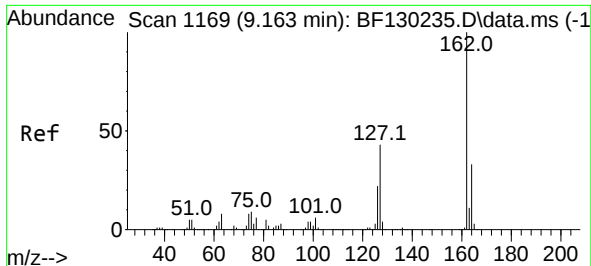
Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.100 ng

RT: 9.139 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

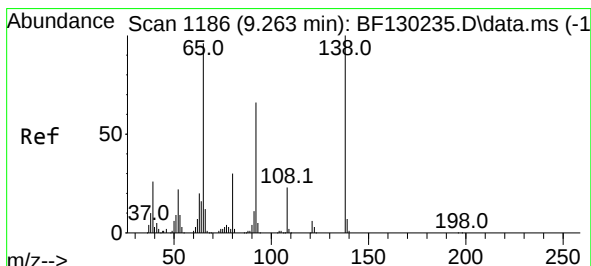
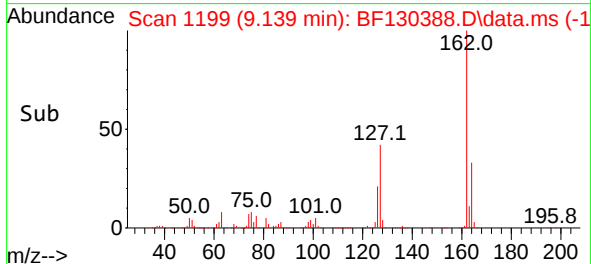
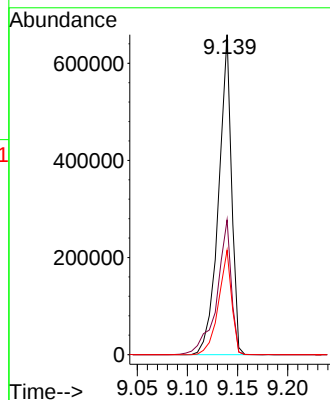
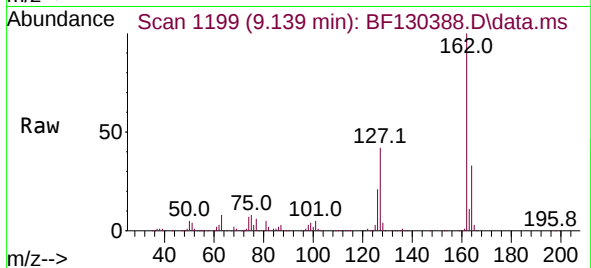
PB147862BS

Tgt Ion:162 Resp: 593476
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.9 53.9
 164 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#48

2-Nitroaniline

Concen: 37.139 ng

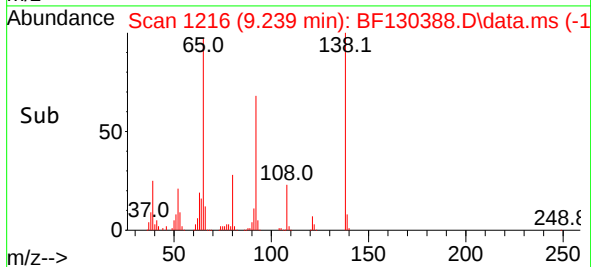
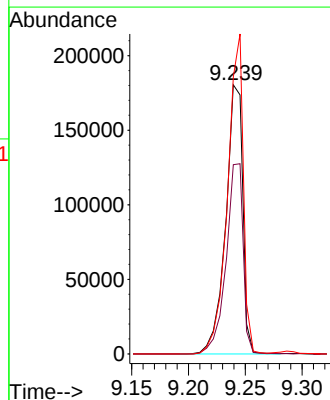
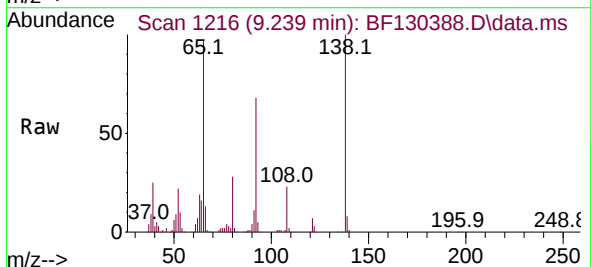
RT: 9.239 min Scan# 1216

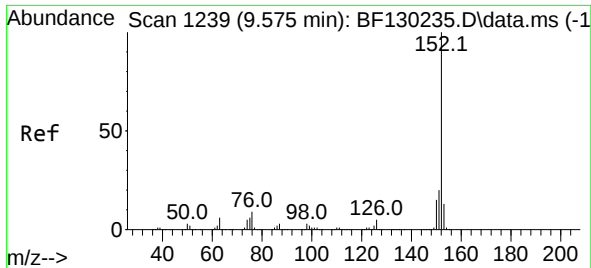
Delta R.T. -0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

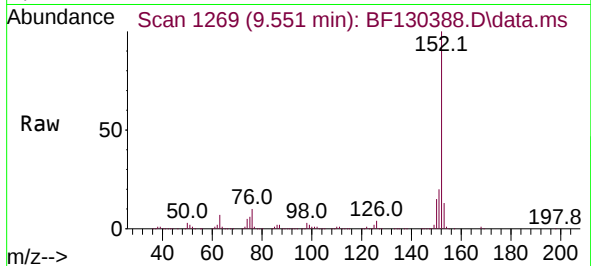
Tgt Ion: 65 Resp: 188015
 Ion Ratio Lower Upper
 65 100
 92 70.4 52.2 78.4
 138 102.9 77.0 115.4





#49
Acenaphthylene
Concen: 40.065 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

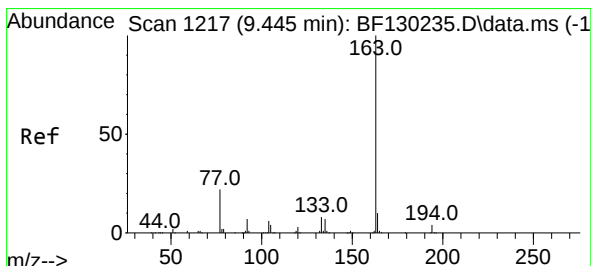
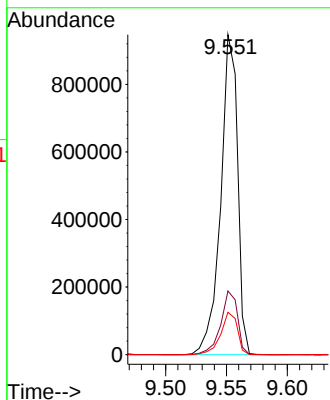
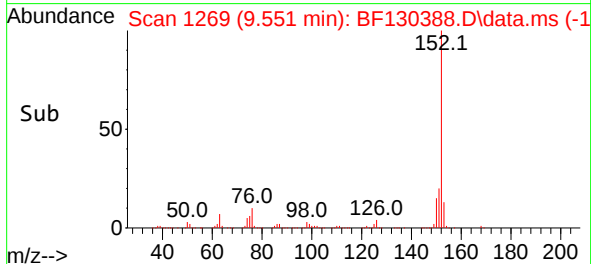
Instrument :
BNA_F
ClientSampleId :
PB147862BS



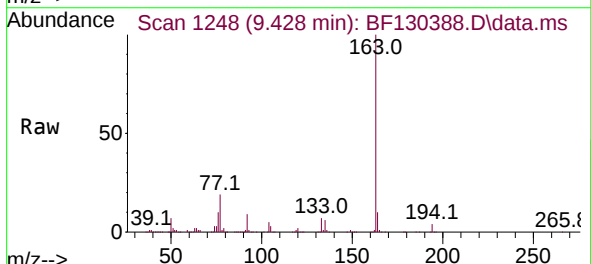
Tgt Ion:152 Resp: 911782
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations
APPROVED

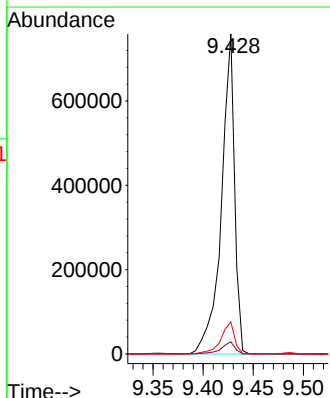
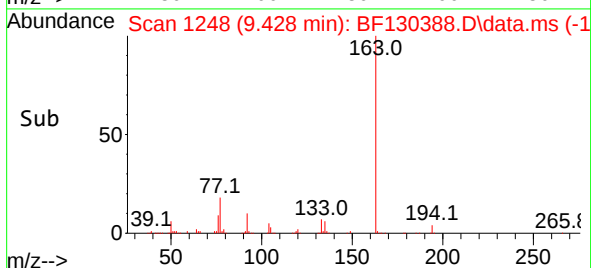
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

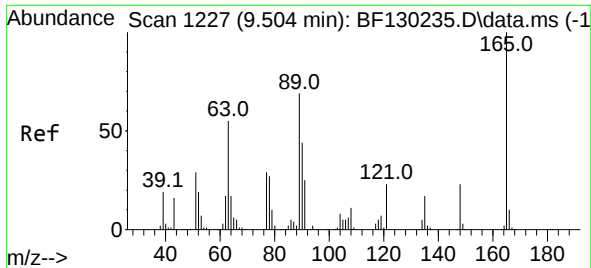


#50
Dimethylphthalate
Concen: 40.150 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:163 Resp: 696773
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.0 8.2 12.2





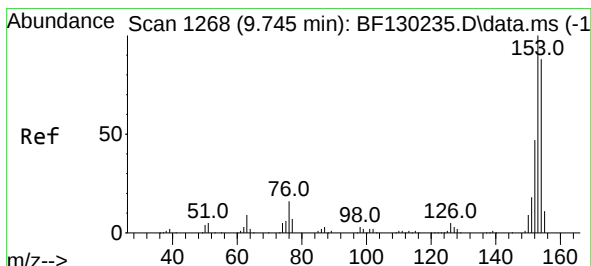
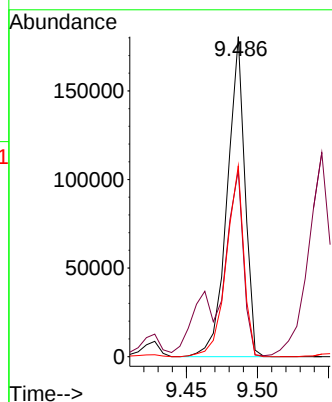
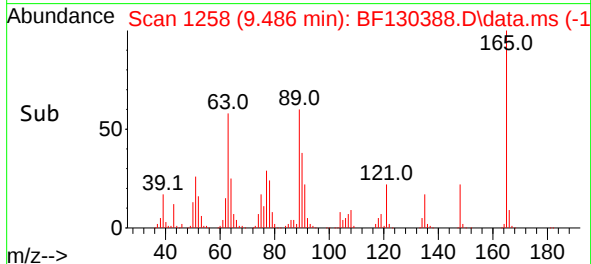
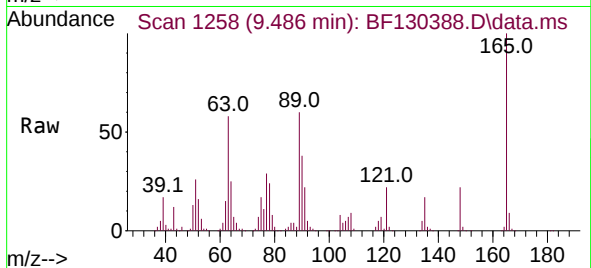
#51
2,6-Dinitrotoluene
Concen: 43.061 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:165 Resp: 15628
Ion Ratio Lower Upper
165 100
63 58.2 58.8 88.2
89 59.6 54.5 81.7

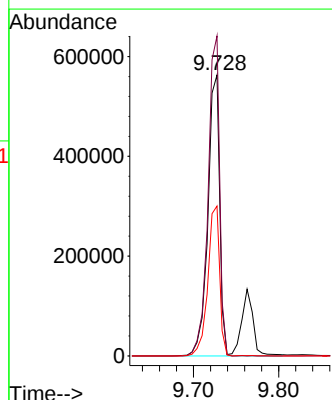
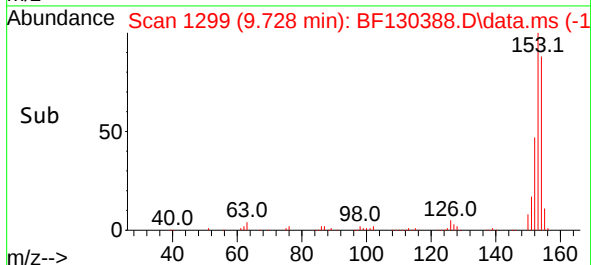
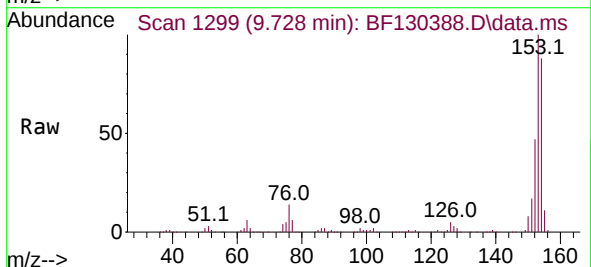
Manual Integrations
APPROVED

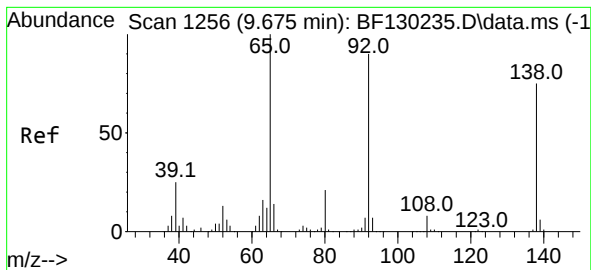
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#52
Acenaphthene
Concen: 44.369 ng m
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:154 Resp: 663429
Ion Ratio Lower Upper
154 100
153 113.9 90.6 136.0
152 53.3 43.8 65.6





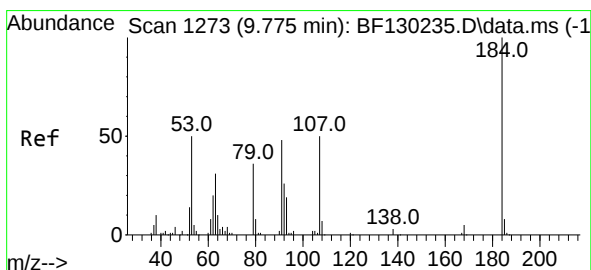
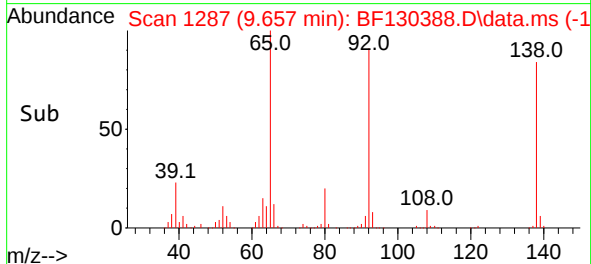
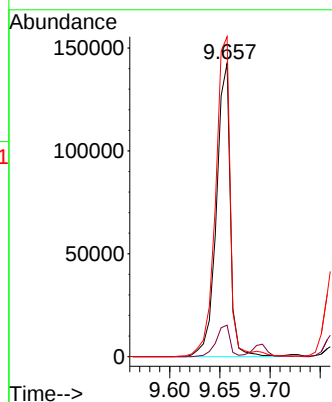
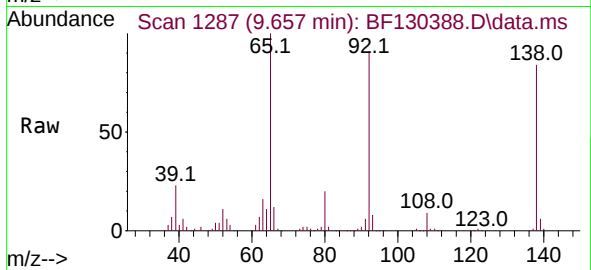
#53
3-Nitroaniline
Concen: 34.060 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:138 Resp: 137746
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 109.1 99.2 148.8

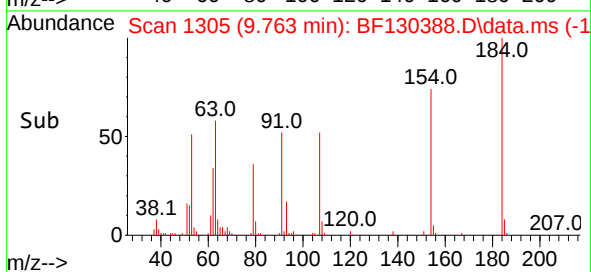
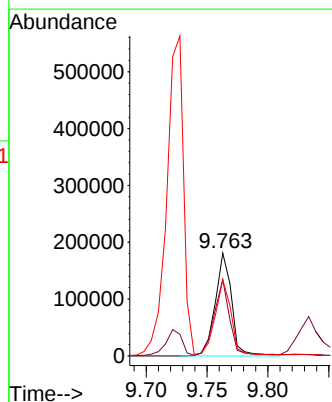
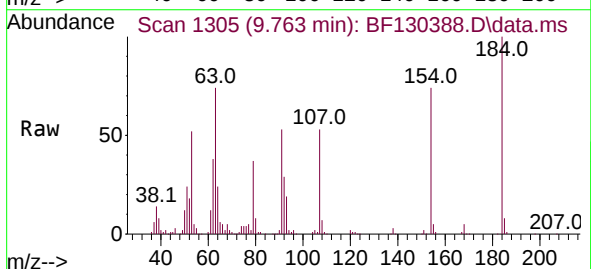
Manual Integrations
APPROVED

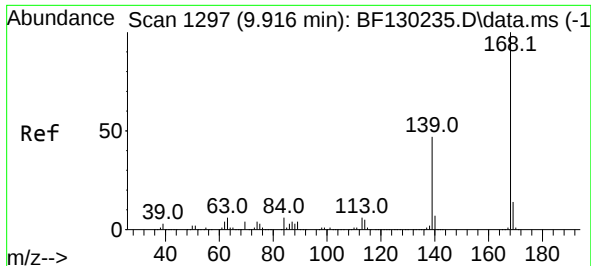
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#54
2,4-Dinitrophenol
Concen: 85.747 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

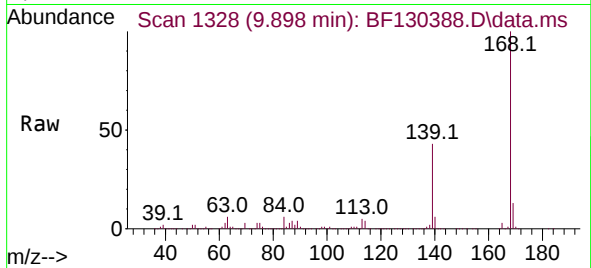
Tgt Ion:184 Resp: 169781
Ion Ratio Lower Upper
184 100
63 74.3 70.0 105.0
154 73.9 63.0 94.6





#55
Dibenzofuran
Concen: 39.939 ng
RT: 9.898 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

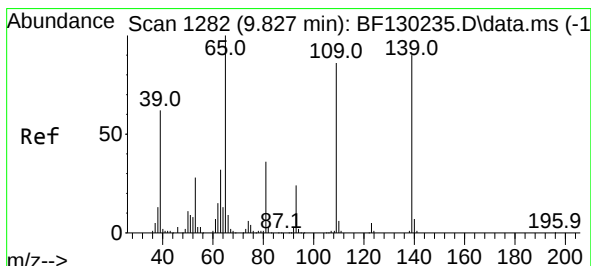
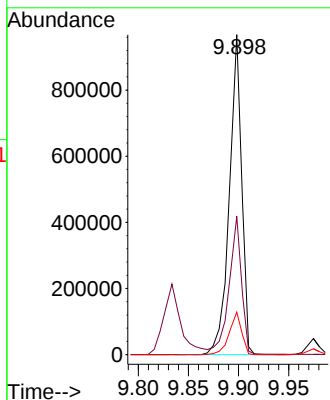
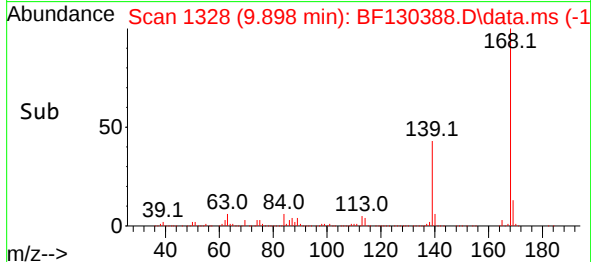
Instrument :
BNA_F
ClientSampleId :
PB147862BS



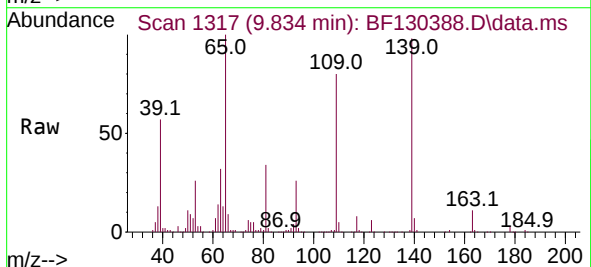
Tgt Ion:168 Resp: 83063
Ion Ratio Lower Upper
168 100
139 43.2 35.0 52.4
169 13.3 10.9 16.3

Manual Integrations
APPROVED

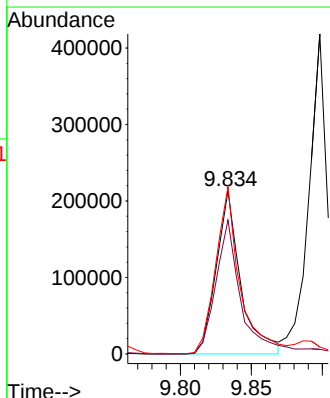
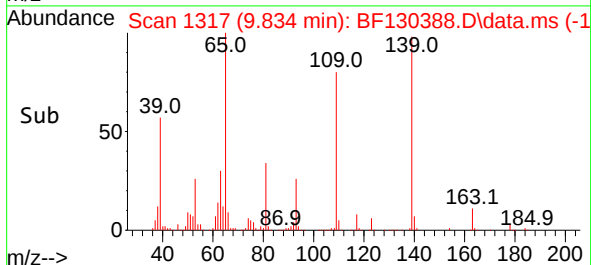
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

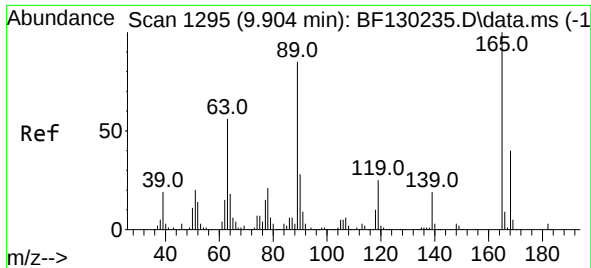


#56
4-Nitrophenol
Concen: 86.490 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:139 Resp: 254766
Ion Ratio Lower Upper
139 100
109 82.0 72.2 112.2
65 102.5 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 46.938 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

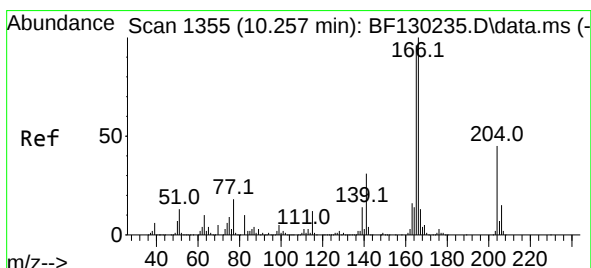
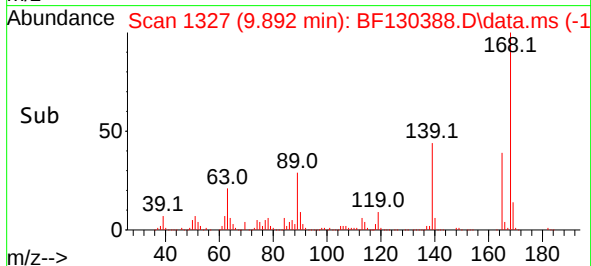
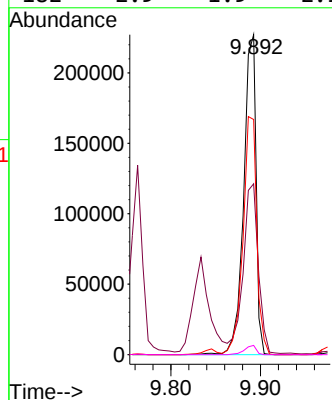
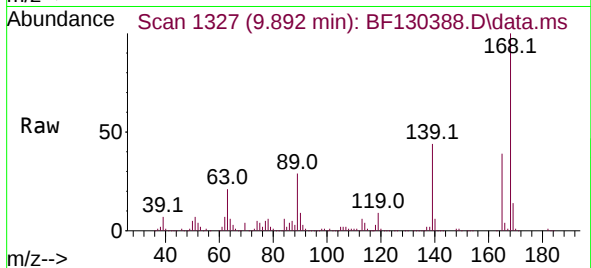
PB147862BS

Tgt Ion:165 Resp: 217719
Ion Ratio Lower Upper
165 100
63 53.4 44.7 67.1
89 73.5 69.0 103.4
182 2.9 1.9 2.9

Manual Integrations

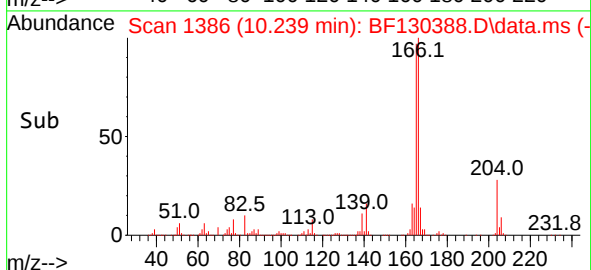
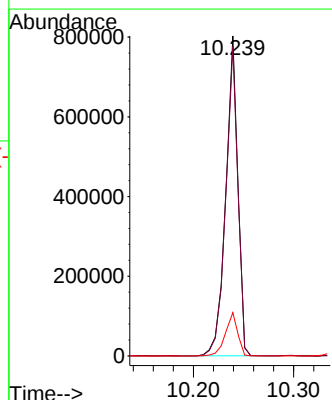
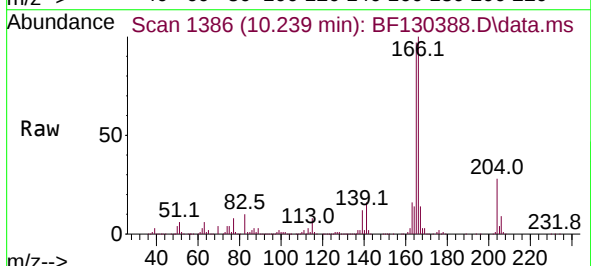
APPROVED

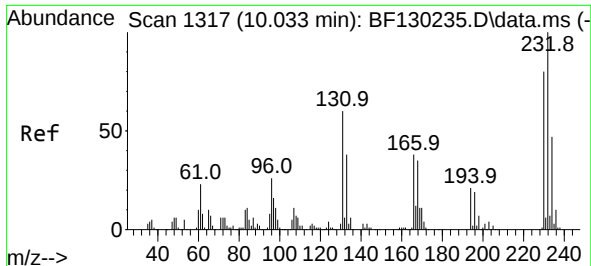
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#58
Fluorene
Concen: 39.708 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:166 Resp: 675384
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 13.5 10.6 15.8





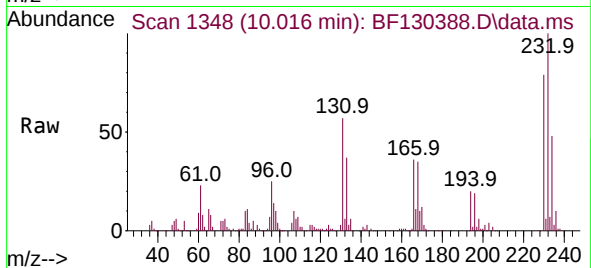
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.499 ng
RT: 10.016 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

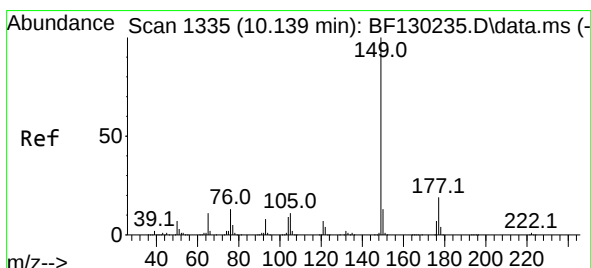
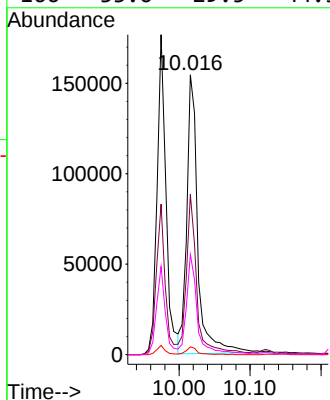
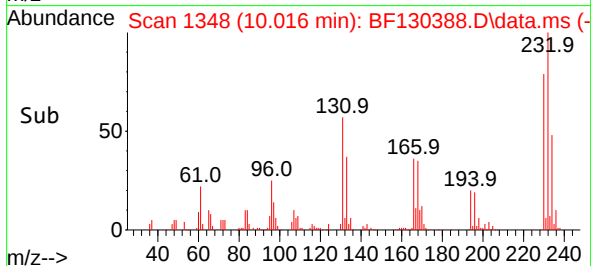


Tgt Ion:232 Resp: 167723
Ion Ratio Lower Upper
232 100
131 54.9 46.4 69.6
130 2.8 2.3 3.5
166 33.6 29.5 44.3

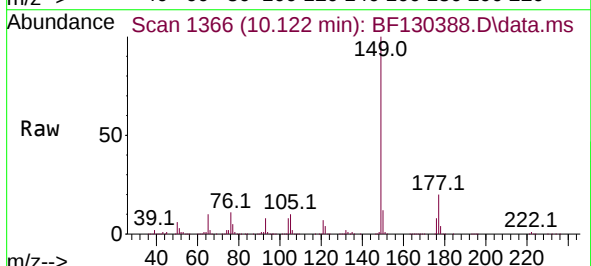
Manual Integrations

APPROVED

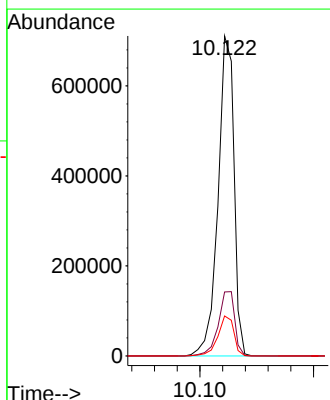
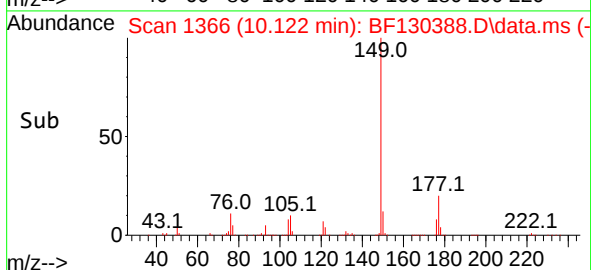
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

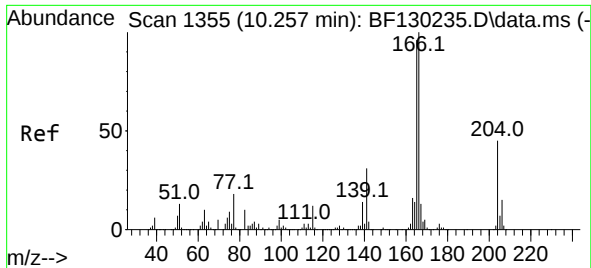


#60
Diethylphthalate
Concen: 39.755 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



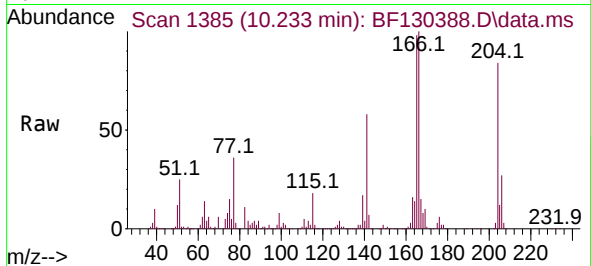
Tgt Ion:149 Resp: 691846
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.622 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

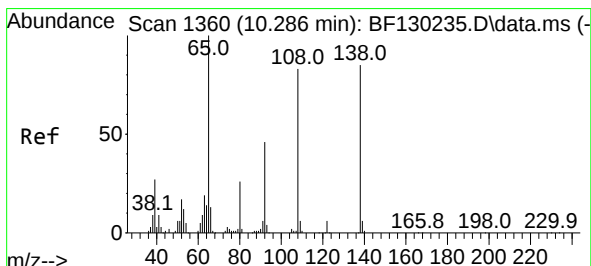
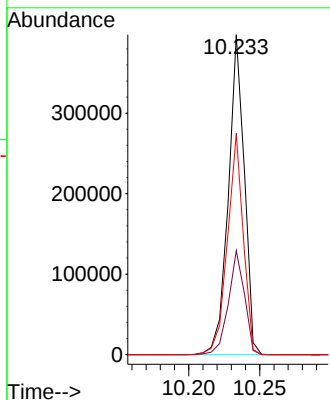
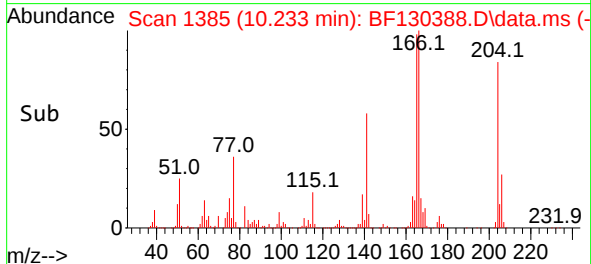
Instrument :
BNA_F
ClientSampleId :
PB147862BS



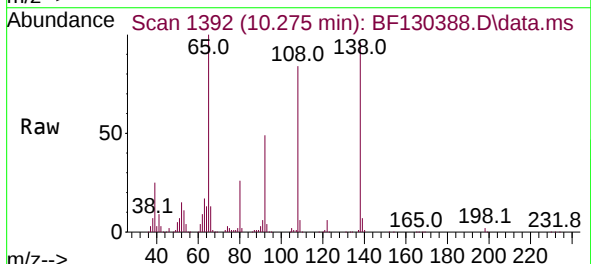
Tgt Ion:204 Resp: 310558
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 69.2 57.1 85.7

Manual Integrations
APPROVED

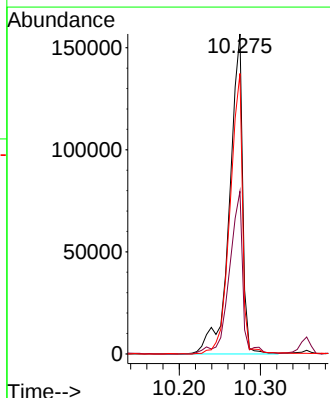
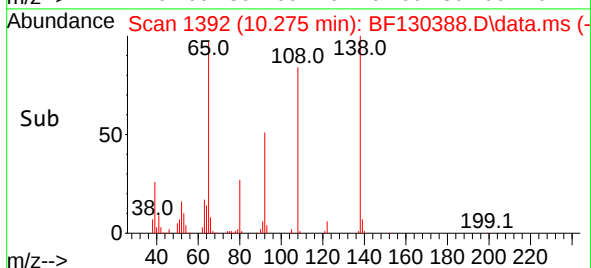
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

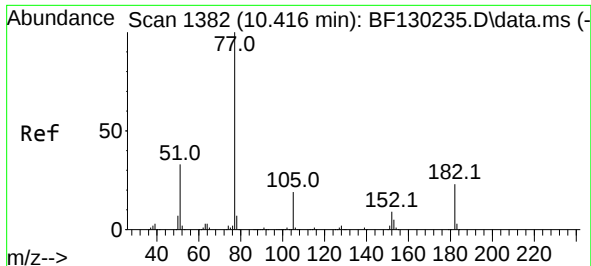


#62
4-Nitroaniline
Concen: 43.339 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



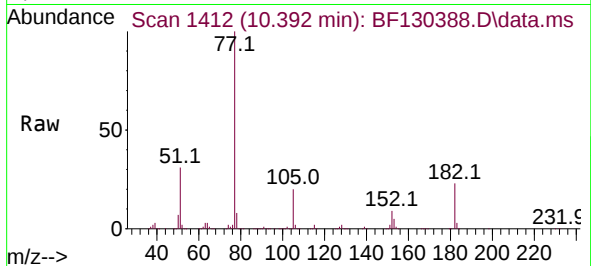
Tgt Ion:138 Resp: 176073
Ion Ratio Lower Upper
138 100
92 50.8 36.7 76.7
108 87.6 78.2 118.2





#63
Azobenzene
Concen: 35.511 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

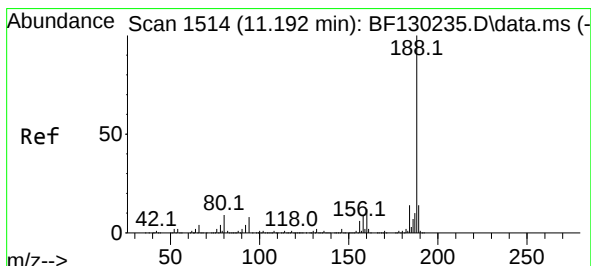
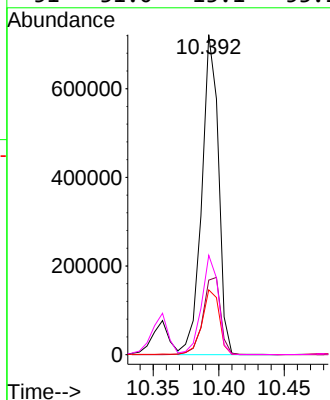
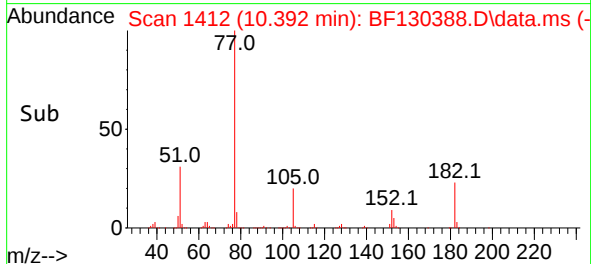
Instrument :
BNA_F
ClientSampleId :
PB147862BS



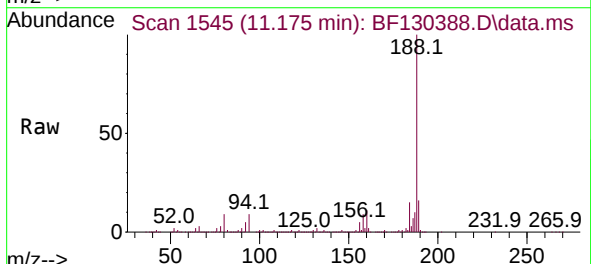
Tgt Ion: 77 Resp: 636363
Ion Ratio Lower Upper
77 100
182 23.3 2.1 42.1
105 20.2 0.0 39.4
51 31.0 13.1 53.1

Manual Integrations
APPROVED

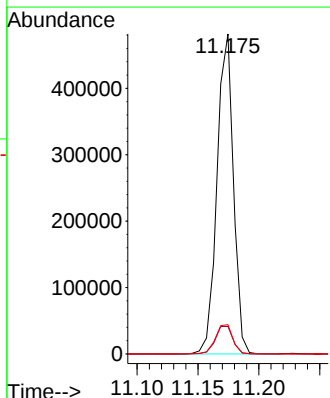
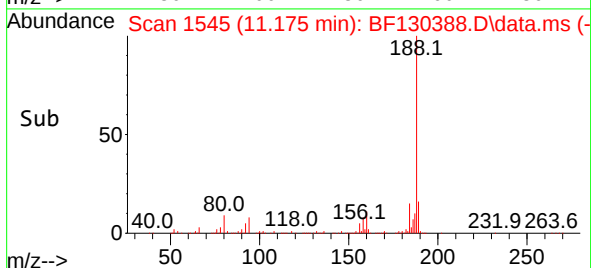
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

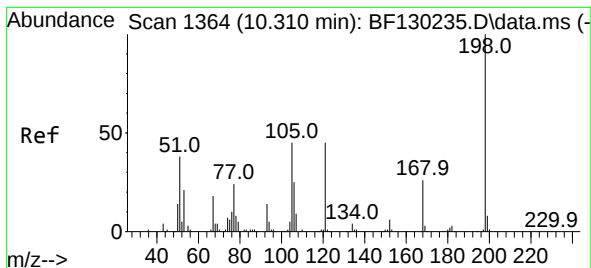


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:188 Resp: 451011
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.1 7.9 11.9





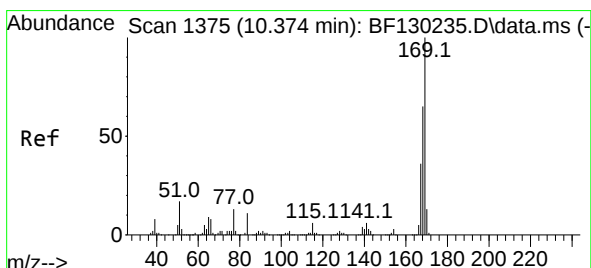
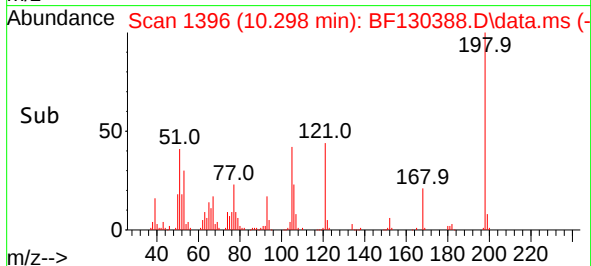
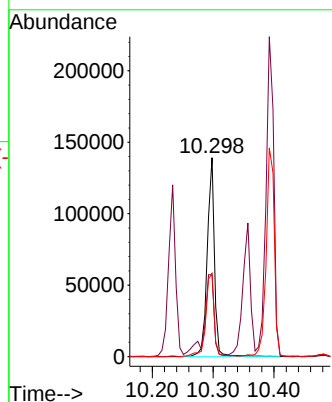
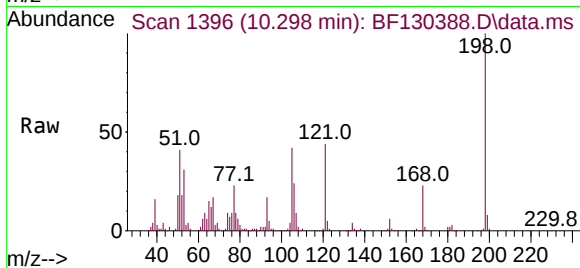
#65
4,6-Dinitro-2-methylphenol
Concen: 45.550 ng
RT: 10.298 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:198 Resp: 114359
Ion Ratio Lower Upper
198 100
51 41.0 36.9 76.9
105 41.9 33.0 73.0

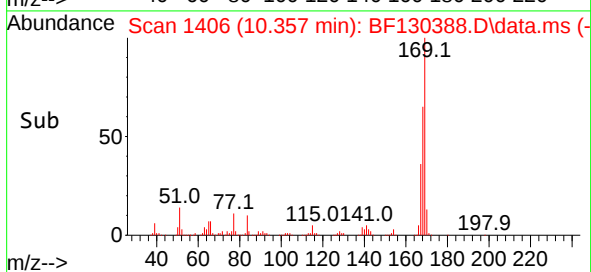
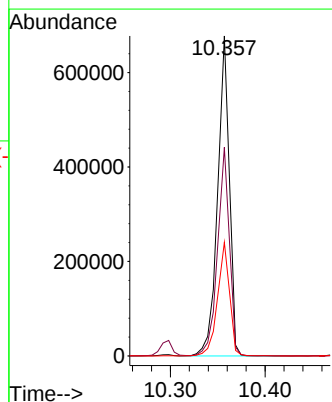
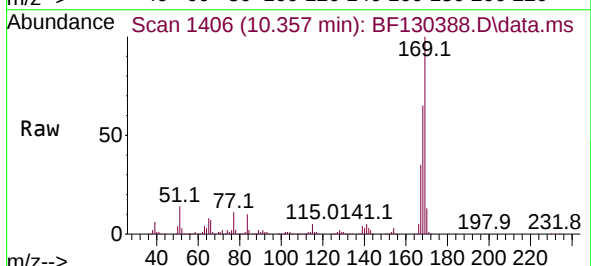
Manual Integrations
APPROVED

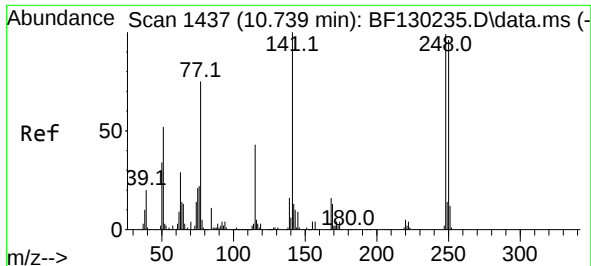
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#66
n-Nitrosodiphenylamine
Concen: 38.696 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:169 Resp: 583200
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.5 29.2 43.8





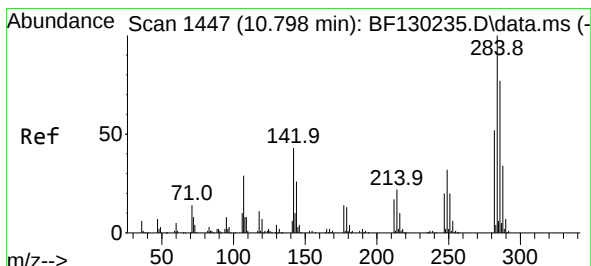
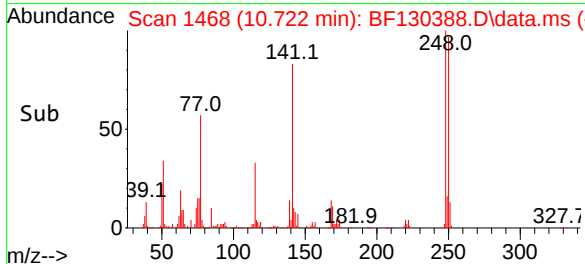
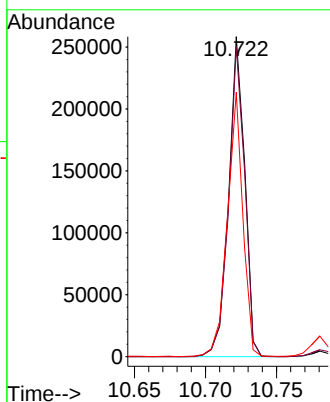
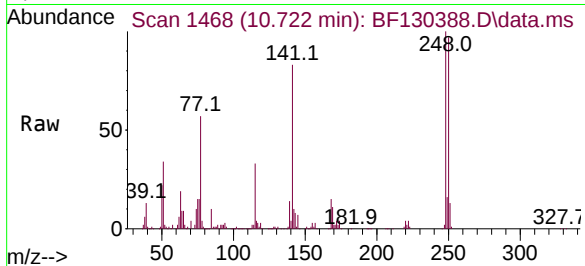
#67
4-Bromophenyl-phenylether
Concen: 40.948 ng
RT: 10.722 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:248 Resp: 203731
Ion Ratio Lower Upper
248 100
250 96.9 80.0 120.0
141 82.6 68.5 102.7

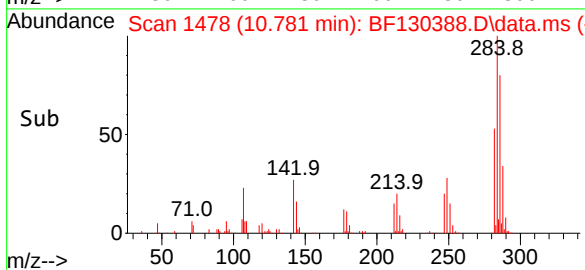
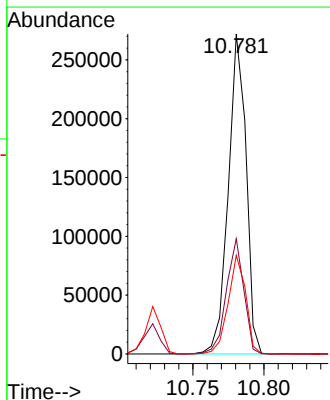
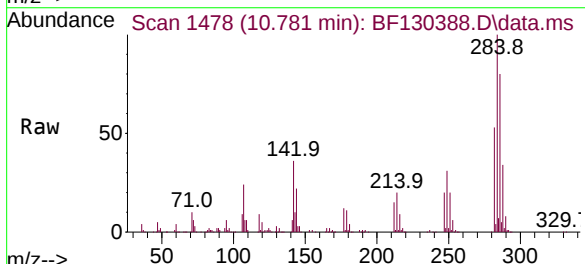
Manual Integrations
APPROVED

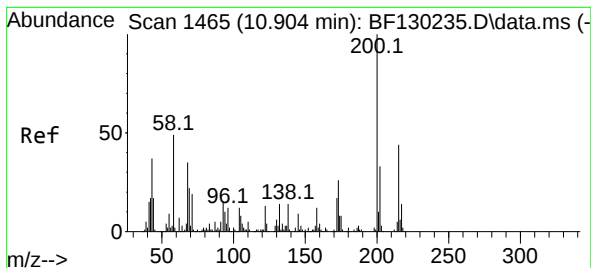
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#68
Hexachlorobenzene
Concen: 41.835 ng
RT: 10.781 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:284 Resp: 235949
Ion Ratio Lower Upper
284 100
142 36.0 27.2 40.8
249 30.8 23.8 35.8





#69

Atrazine

Concen: 45.045 ng

RT: 10.892 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF130388.D

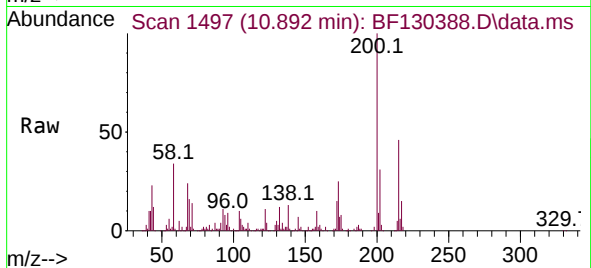
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

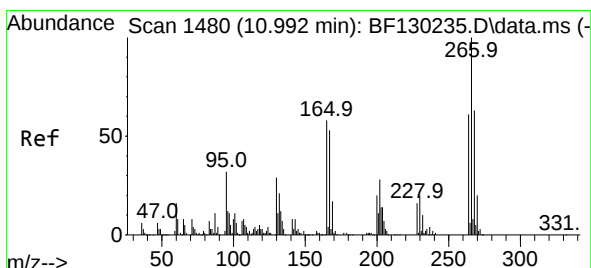
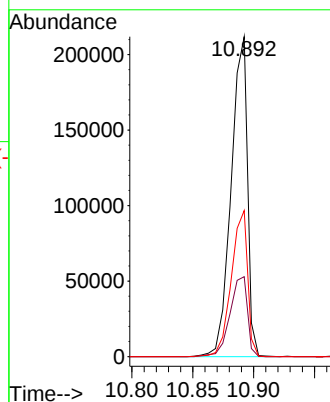
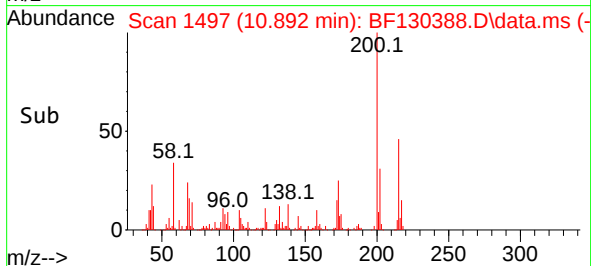


Tgt Ion:	200	Resp:	19839
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.2	46.2
215	45.6	22.5	62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#70

Pentachlorophenol

Concen: 82.987 ng

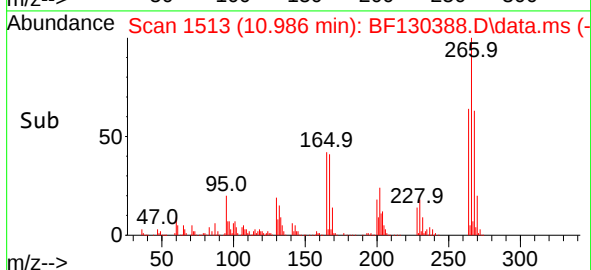
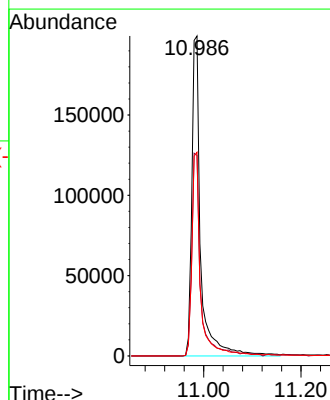
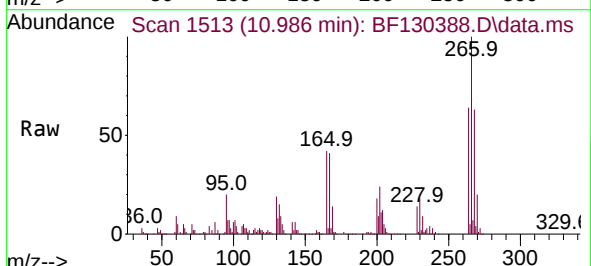
RT: 10.986 min Scan# 1513

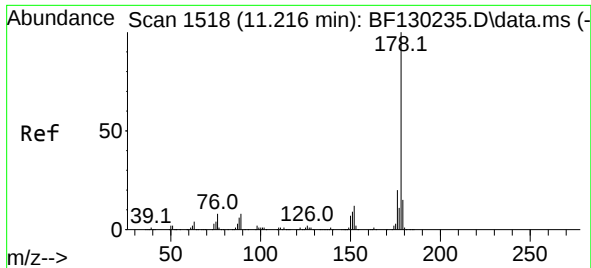
Delta R.T. 0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Tgt Ion:	266	Resp:	251193
Ion Ratio	Lower	Upper	
266	100		
268	62.7	50.5	75.7
264	63.6	50.5	75.7





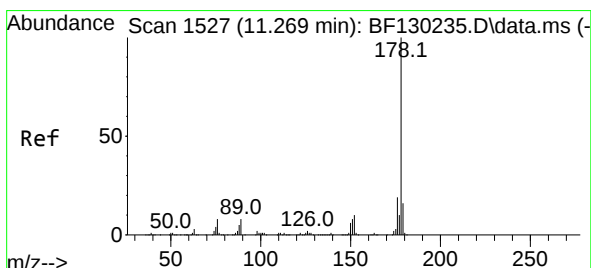
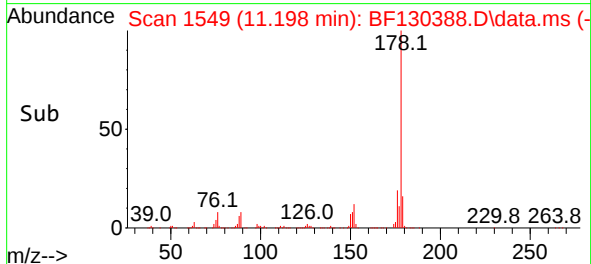
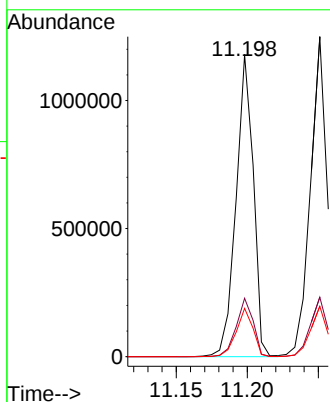
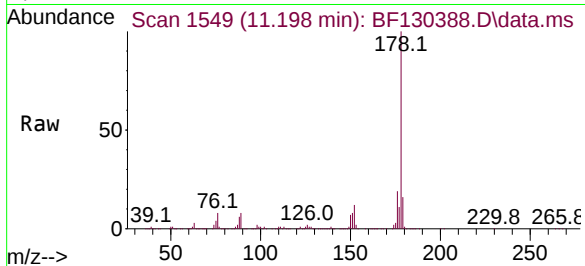
#71
Phenanthrene
Concen: 39.248 ng
RT: 11.198 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Instrument :
BNA_F
ClientSampleId :
PB147862BS

Tgt Ion:178 Resp: 993832
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.4 18.6

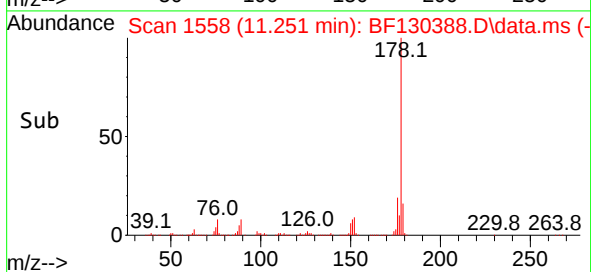
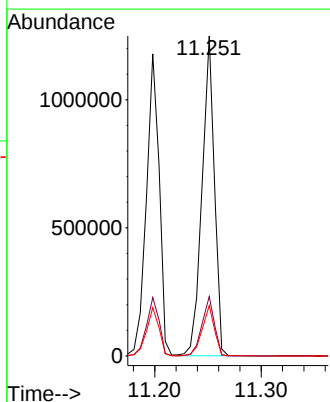
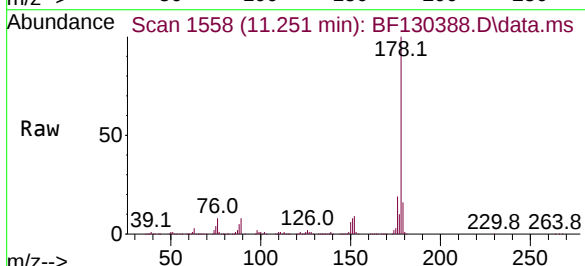
Manual Integrations
APPROVED

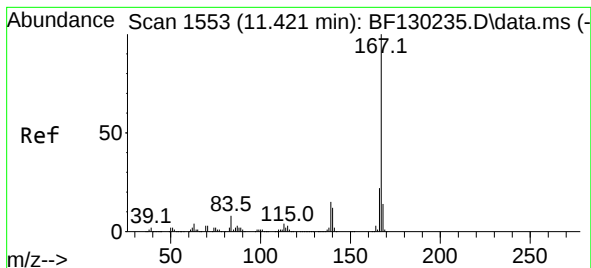
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#72
Anthracene
Concen: 41.213 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:178 Resp: 1007088
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 12.7 19.1





#73

Carbazole

Concen: 42.819 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

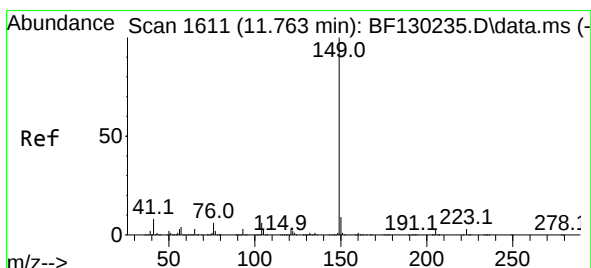
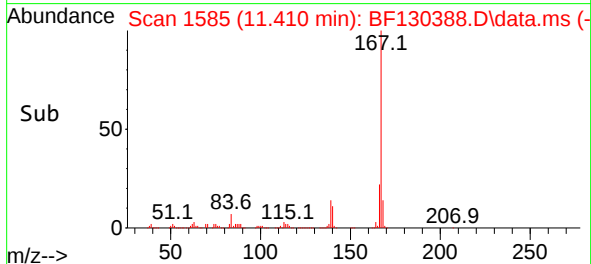
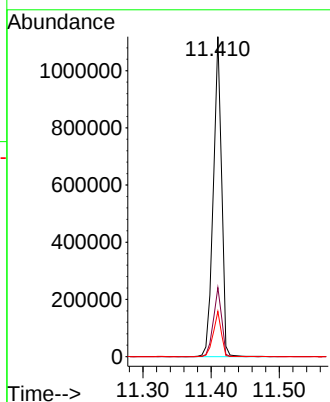
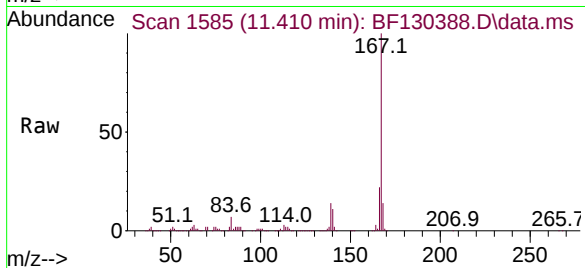
PB147862BS

Tgt Ion:167	Resp: 944283
Ion Ratio	Lower Upper
167 100	
166 21.6	17.4 26.2
139 14.1	11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#74

Di-n-butylphthalate

Concen: 41.405 ng

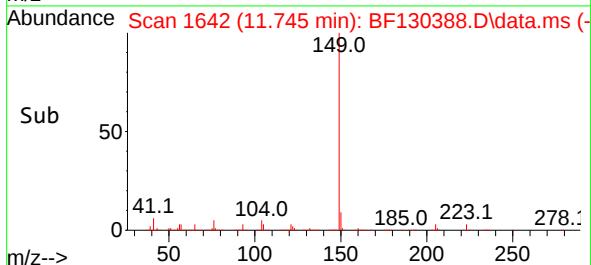
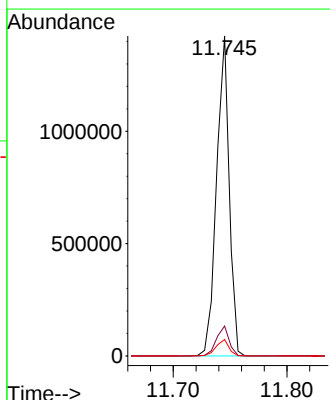
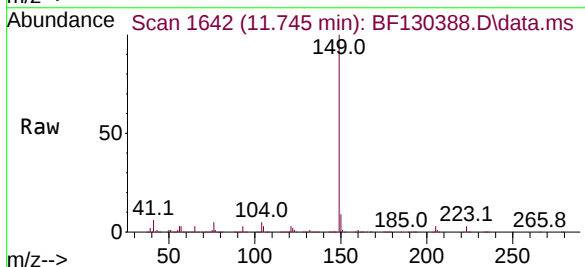
RT: 11.745 min Scan# 1642

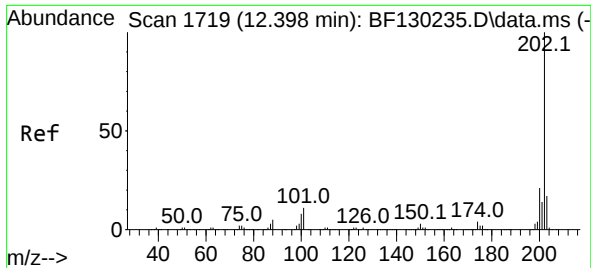
Delta R.T. 0.000 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

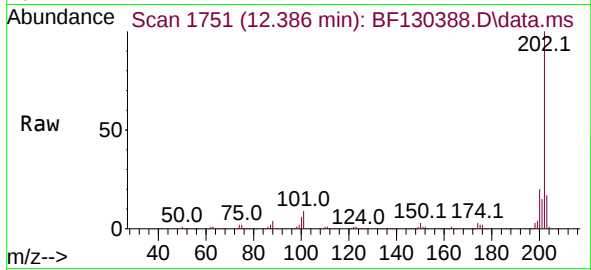
Tgt Ion:149	Resp: 1101093
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.2
104 5.1	4.8 7.2





#75
Fluoranthene
Concen: 43.549 ng
RT: 12.386 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

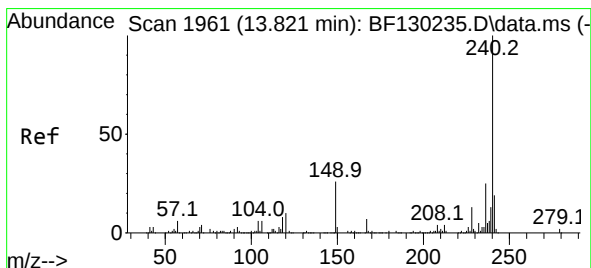
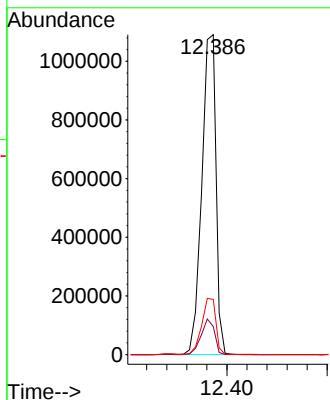
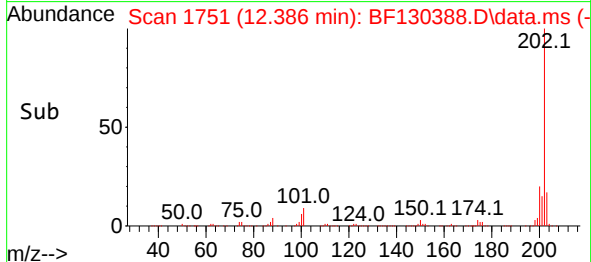
Instrument :
BNA_F
ClientSampleId :
PB147862BS



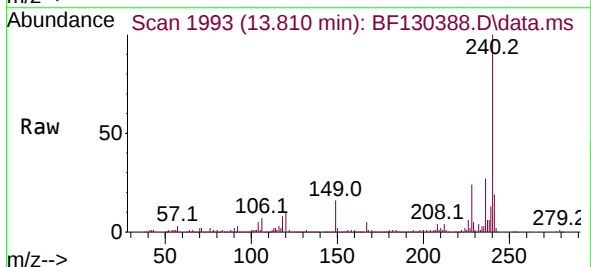
Tgt Ion:202 Resp: 106555
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.8
203 17.3 0.0 37.8

Manual Integrations
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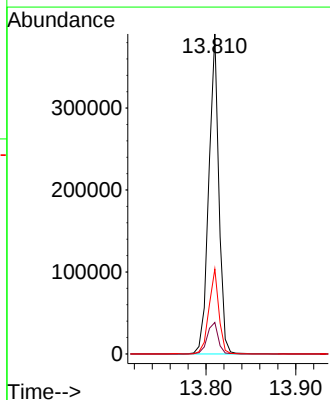
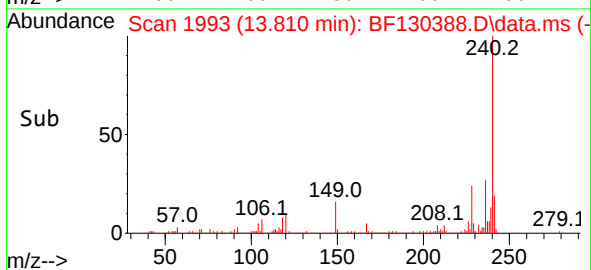
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

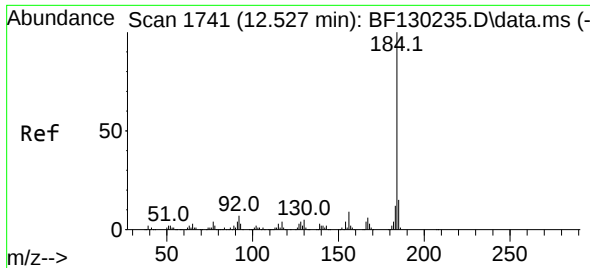


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



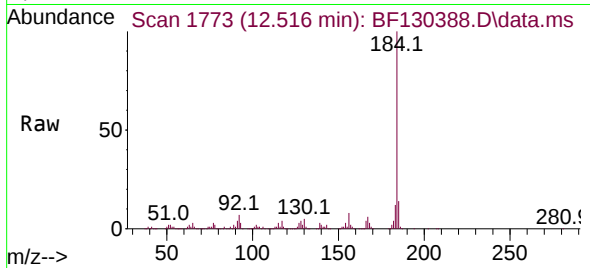
Tgt Ion:240 Resp: 304571
Ion Ratio Lower Upper
240 100
120 9.8 8.7 13.1
236 26.5 20.9 31.3





#77
Benzidine
Concen: 78.831 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

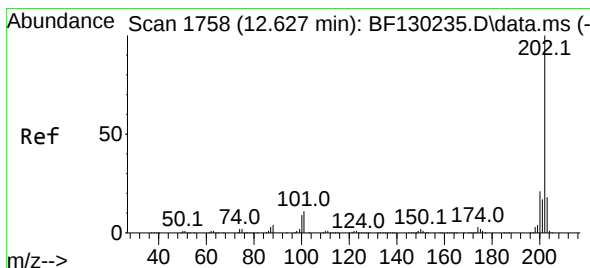
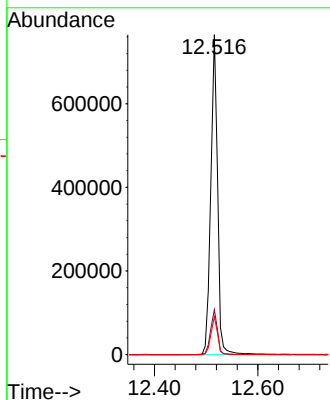
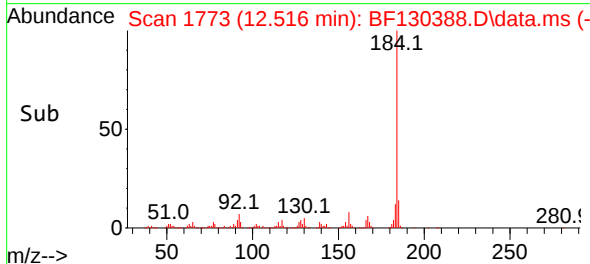
Instrument :
BNA_F
ClientSampleId :
PB147862BS



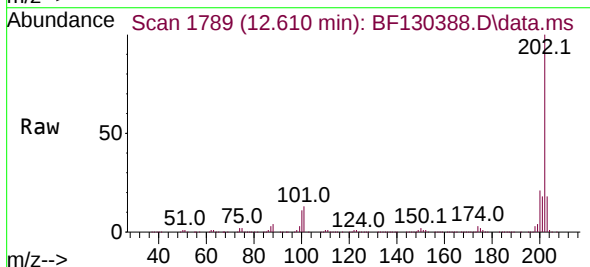
Tgt Ion:184 Resp: 696974
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.9 9.1 13.7

Manual Integrations
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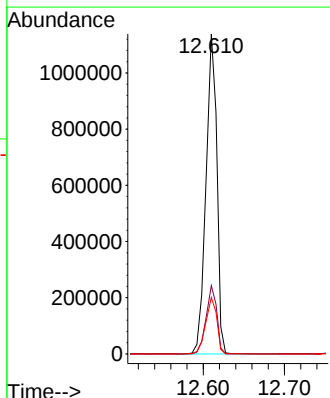
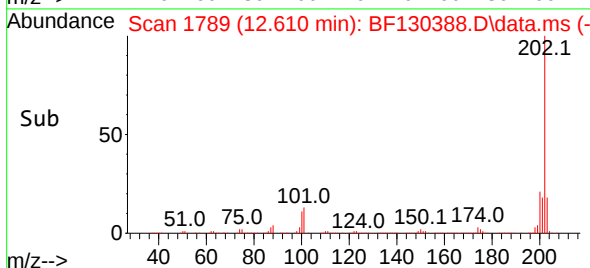
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

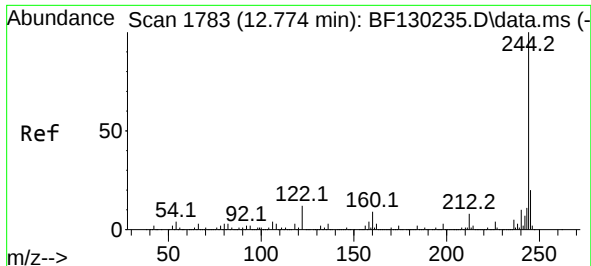


#78
Pyrene
Concen: 40.005 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:202 Resp: 1065905
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.3 21.5





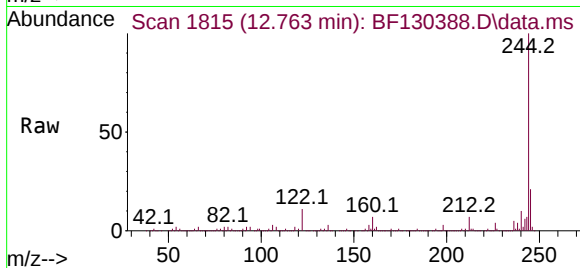
#79
 Terphenyl-d14
 Concen: 87.985 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

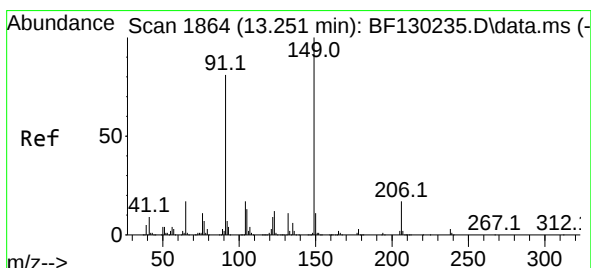
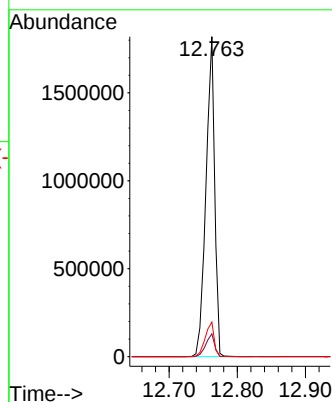
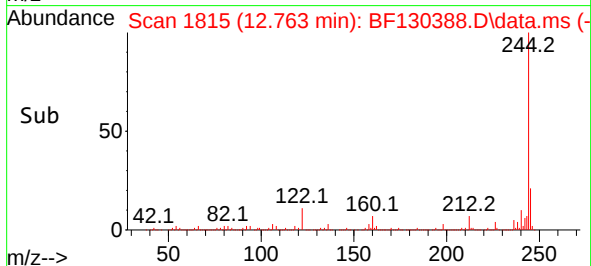


Tgt Ion:244 Resp: 1617736
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.8 8.5 12.7

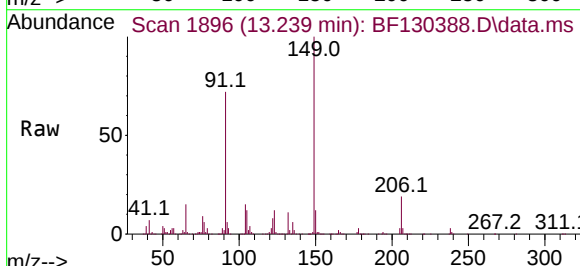
Manual Integrations

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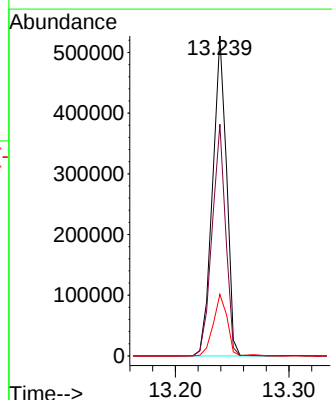
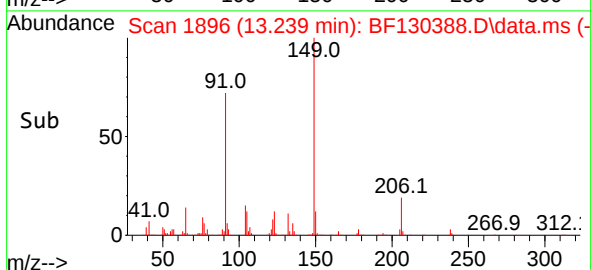
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

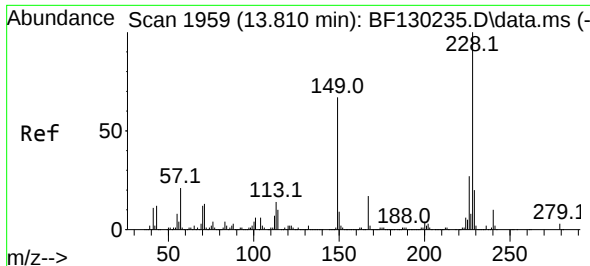


#80
 Butylbenzylphthalate
 Concen: 45.366 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00



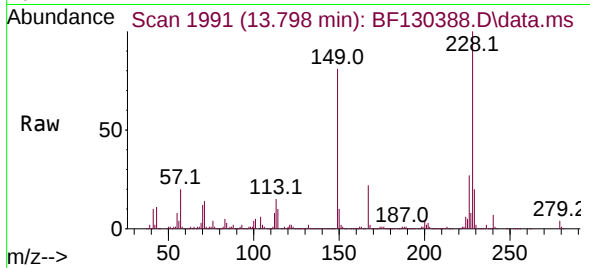
Tgt Ion:149 Resp: 447787
 Ion Ratio Lower Upper
 149 100
 91 72.4 59.8 89.8
 206 19.2 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.863 ng
RT: 13.798 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

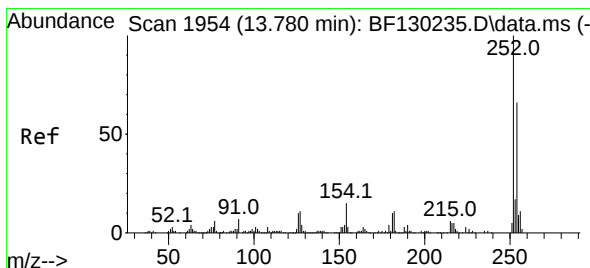
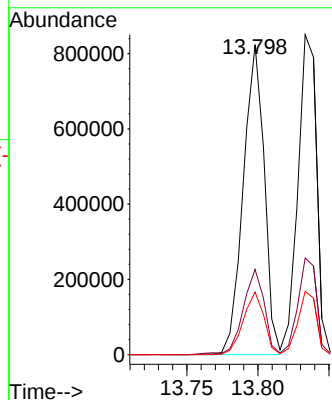
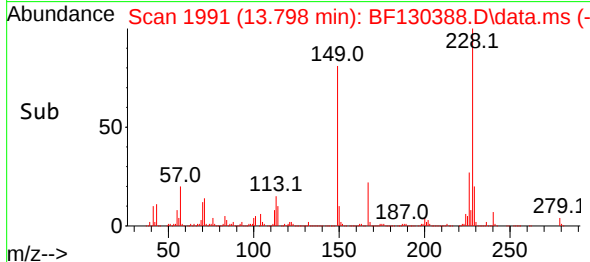
Instrument :
BNA_F
ClientSampleId :
PB147862BS



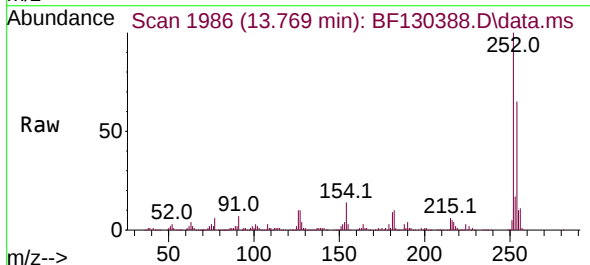
Tgt Ion:228 Resp: 848216
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 20.2 16.1 24.1

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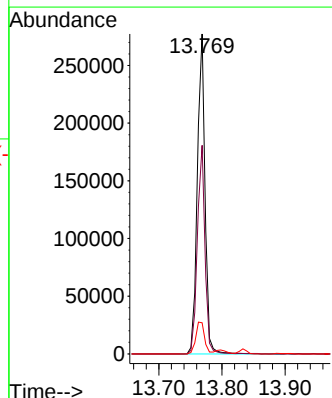
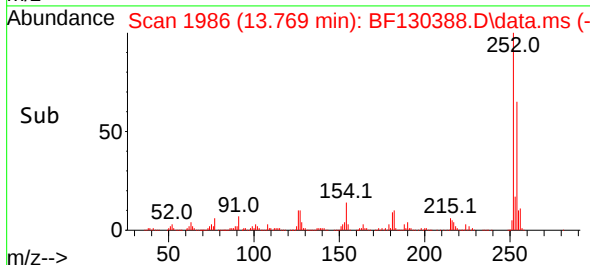
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

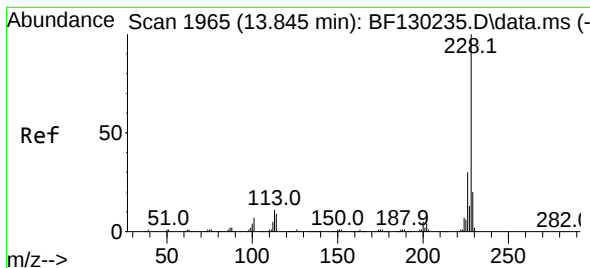


#82
3,3'-Dichlorobenzidine
Concen: 42.778 ng
RT: 13.769 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion:252 Resp: 235937
Ion Ratio Lower Upper
252 100
254 65.2 51.1 76.7
126 9.7 10.4 15.6#





#83

Chrysene

Concen: 40.608 ng

RT: 13.833 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BF130388.D

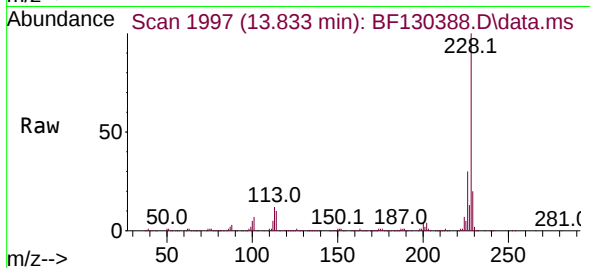
Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS



Tgt Ion:228 Resp: 781240

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

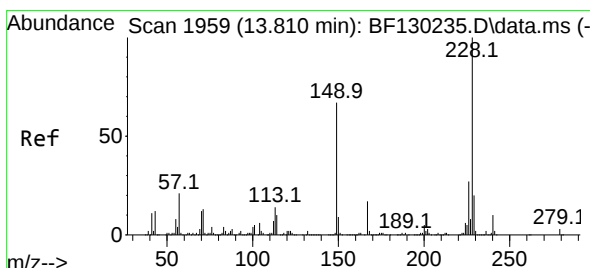
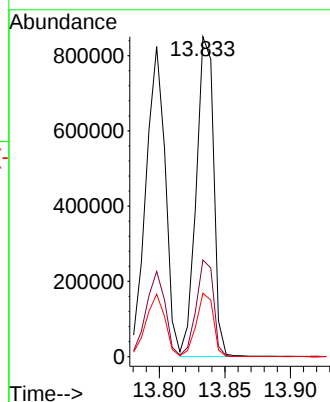
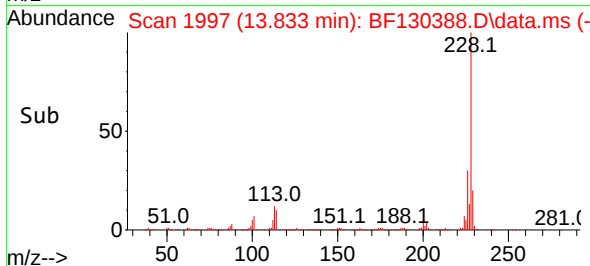
229 19.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.153 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

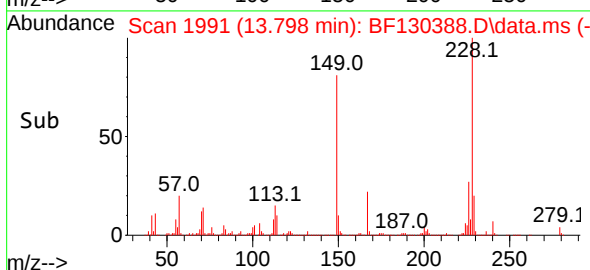
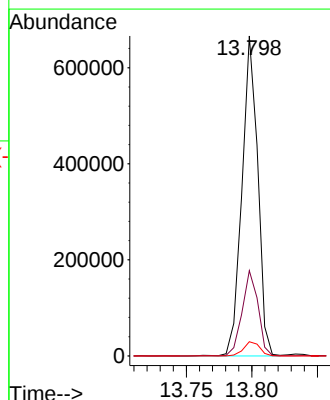
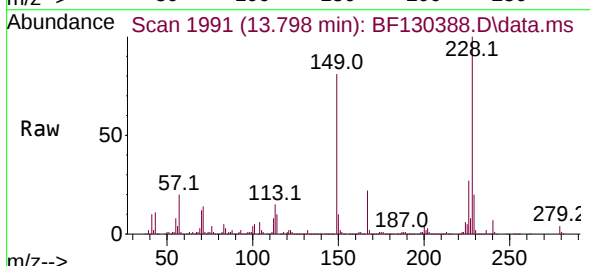
Tgt Ion:149 Resp: 555729

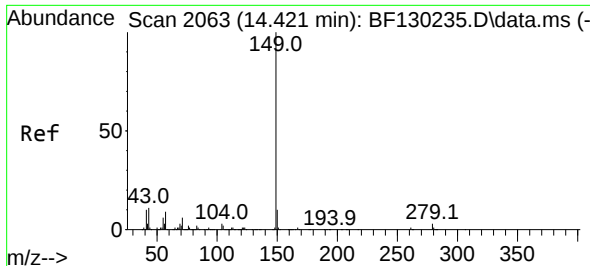
Ion Ratio Lower Upper

149 100

167 26.6 20.5 30.7

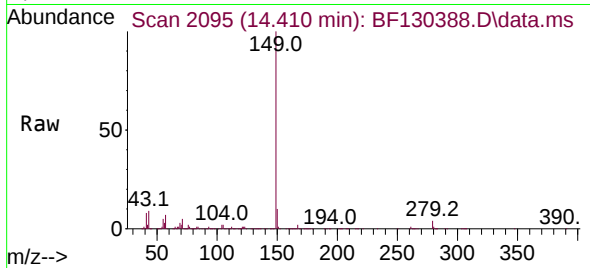
279 4.4 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 44.920 ng
RT: 14.410 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

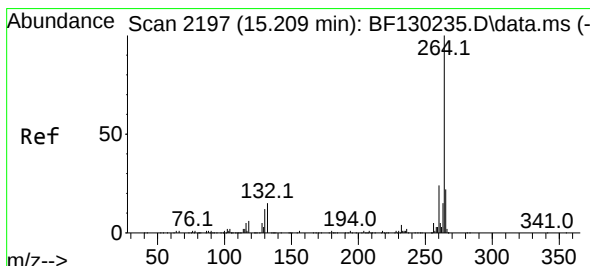
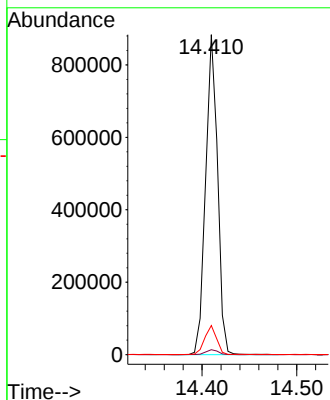
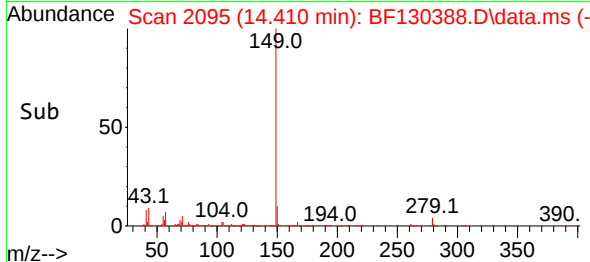
Instrument :
BNA_F
ClientSampleId :
PB147862BS



Tgt Ion:149 Resp: 776796
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 8.7 13.1

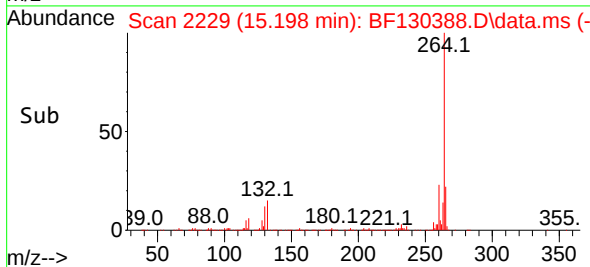
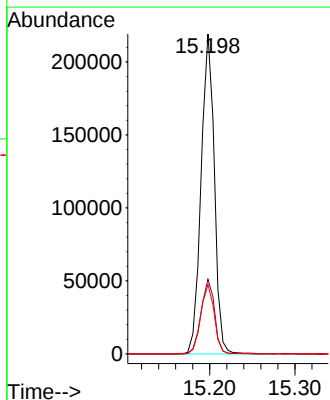
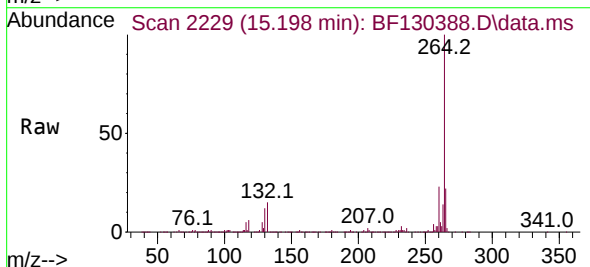
Manual Integrations
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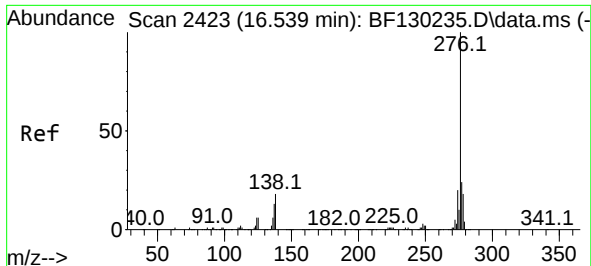
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.012 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

Tgt Ion:264 Resp: 236923
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.7 17.0 25.4





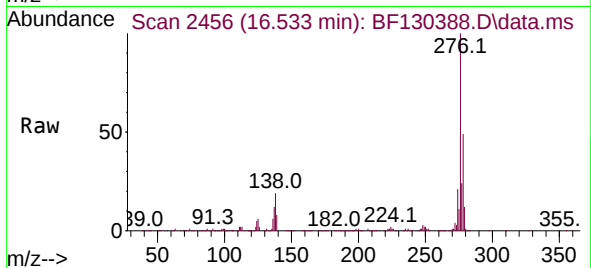
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.446 ng
 RT: 16.533 min Scan# 2423
 Delta R.T. 0.024 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

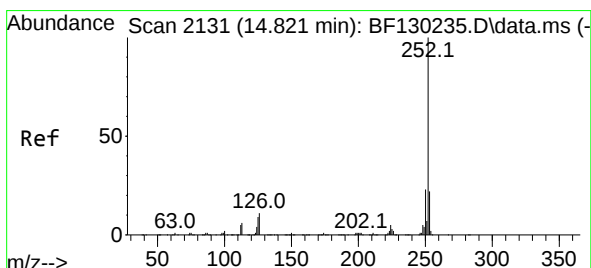
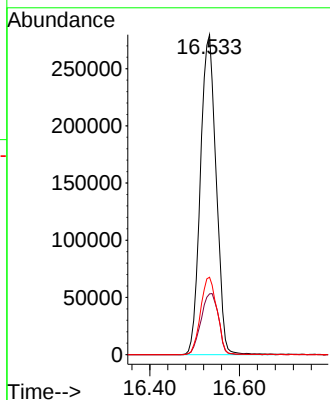
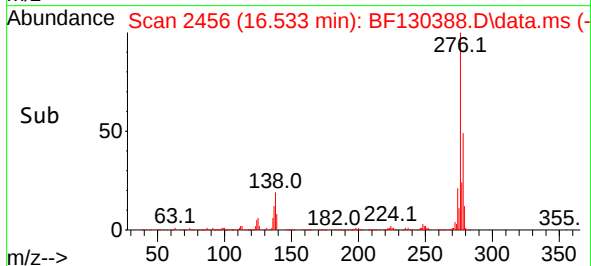


Tgt Ion: 276 Resp: 679533
 Ion Ratio Lower Upper
 276 100
 138 21.1 18.5 27.7
 277 25.1 20.2 30.4

Manual Integrations

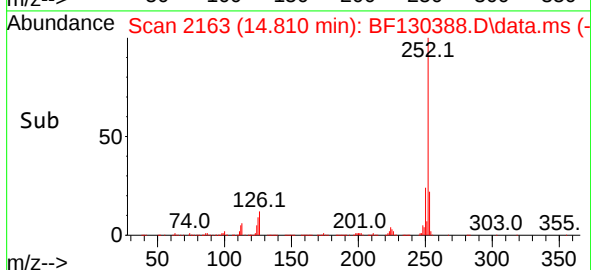
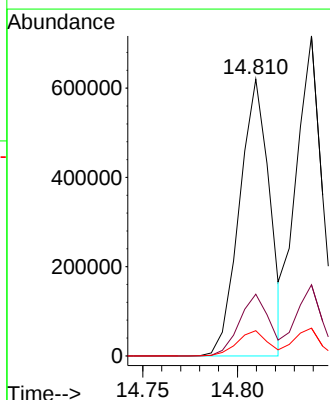
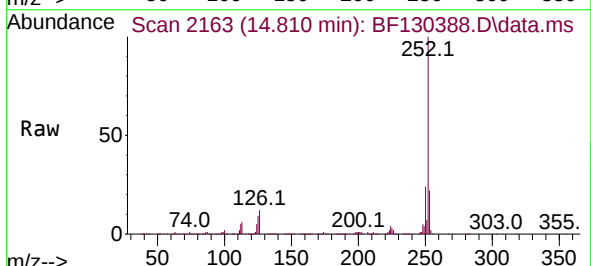
APPROVED

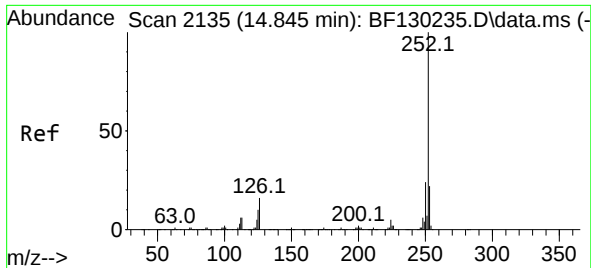
Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022



#88
 Benzo(b)fluoranthene
 Concen: 44.495 ng
 RT: 14.810 min Scan# 2163
 Delta R.T. 0.012 min
 Lab File: BF130388.D
 Acq: 23 Sep 2022 13:00

Tgt Ion: 252 Resp: 688071
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 9.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.052 ng

RT: 14.839 min Scan# 2135

Delta R.T. 0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

Instrument :

BNA_F

ClientSampleId :

PB147862BS

Tgt Ion:252 Resp: 670108

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

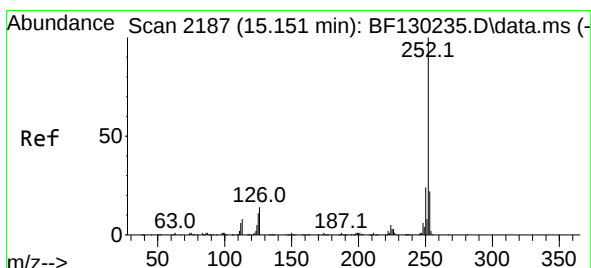
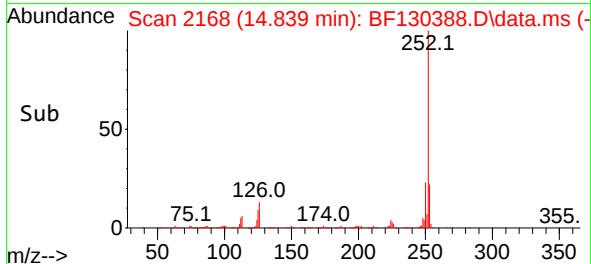
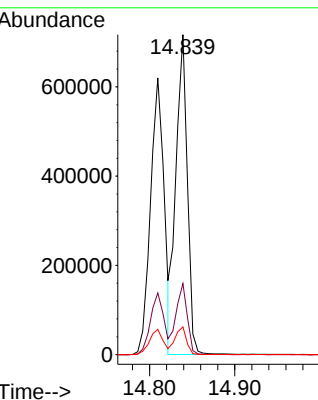
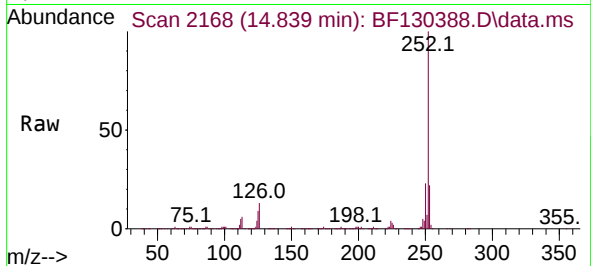
125 8.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#90

Benzo(a)pyrene

Concen: 47.083 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.012 min

Lab File: BF130388.D

Acq: 23 Sep 2022 13:00

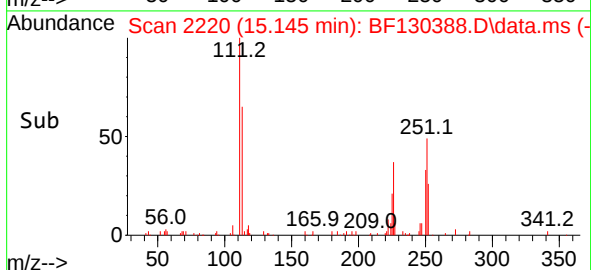
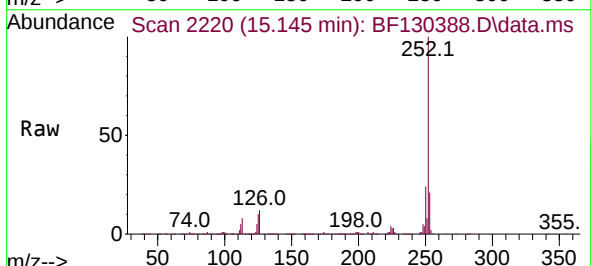
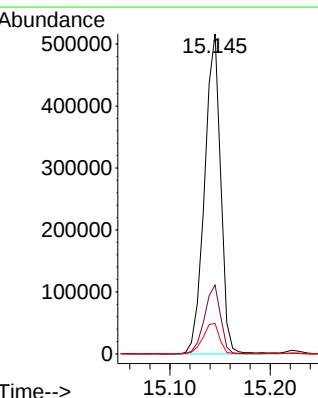
Tgt Ion:252 Resp: 576816

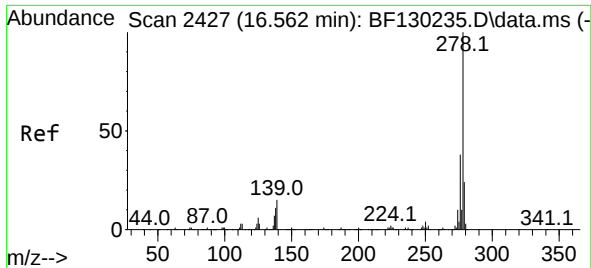
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

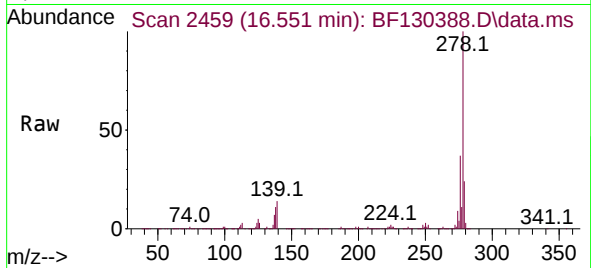
125 9.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 42.055 ng
RT: 16.551 min Scan# 2427
Delta R.T. 0.024 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00

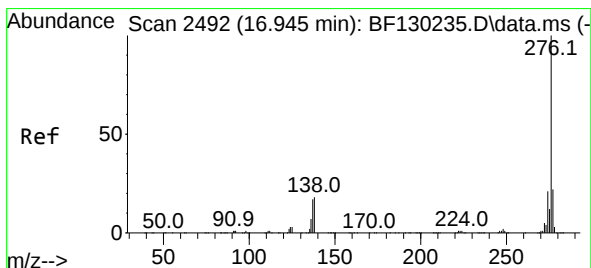
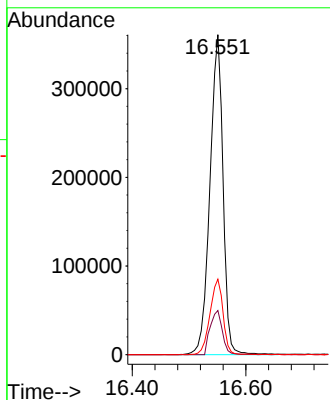
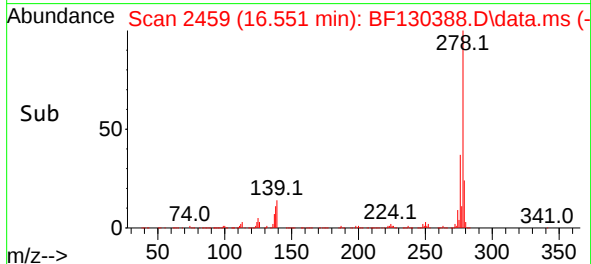
Instrument :
BNA_F
ClientSampleId :
PB147862BS



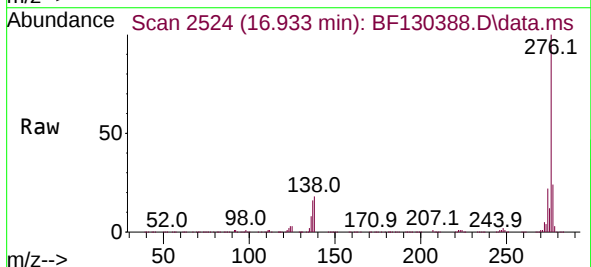
Tgt Ion: 278 Resp: 579638
Ion Ratio Lower Upper
278 100
139 13.8 11.8 17.8
279 23.6 19.4 29.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022



#92
Benzo(g,h,i)perylene
Concen: 41.557 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.024 min
Lab File: BF130388.D
Acq: 23 Sep 2022 13:00



Tgt Ion: 276 Resp: 576987
Ion Ratio Lower Upper
276 100
277 24.2 18.6 27.8
138 18.3 14.6 21.8

