

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130657.D
 Acq On : 13 Oct 2022 20:39
 Operator : CG\JU
 Sample : N5111-01MSD 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/14/2022
 Supervised By : Jagrut Upadhyay 10/14/2022

Quant Time: Oct 14 06:03:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	66668	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	218333	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	95530	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	163425	20.000	ng	0.00
76) Chrysene-d12	13.727	240	172136	20.000	ng	0.00
86) Perylene-d12	15.104	264	120534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	167453	45.275	ng	0.00
7) Phenol-d6	6.234	99	190112	40.883	ng	0.00
23) Nitrobenzene-d5	7.157	82	113207	28.306	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	42991	45.992	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	187441	29.721	ng	0.00
79) Terphenyl-d14	12.674	244	221941	21.399	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.169	88	30473	13.619	ng	Qvalue # 94
3) Pyridine	2.840	79	69632	17.397	ng	94
4) n-Nitrosodimethylamine	2.787	42	41937	22.238	ng	86
6) Aniline	6.251	93	87976	15.802	ng	# 80
8) 2-Chlorophenol	6.375	128	87689	20.161	ng	97
9) Benzaldehyde	6.139	77	42593	14.579	ng	98
10) Phenol	6.245	94	105452	19.599	ng	92
11) bis(2-Chloroethyl)ether	6.328	93	81247	20.788	ng	98
12) 1,3-Dichlorobenzene	6.528	146	100370	21.076	ng	98
13) 1,4-Dichlorobenzene	6.604	146	101062	20.918	ng	98
14) 1,2-Dichlorobenzene	6.757	146	93492	20.778	ng	97
15) Benzyl Alcohol	6.739	79	62070	18.592	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.875	45	97500	19.391	ng	96
17) 2-Methylphenol	6.857	107	66056	19.092	ng	98
18) Hexachloroethane	7.092	117	34363	18.801	ng	94
19) n-Nitroso-di-n-propyla...	7.004	70	57133	19.043	ng	96
20) 3+4-Methylphenols	7.016	107	82468	17.788	ng	# 84
22) Acetophenone	7.004	105	122137	23.320	ng	# 95
24) Nitrobenzene	7.175	77	84068	20.902	ng	99
25) Isophorone	7.416	82	145335	21.834	ng	99
26) 2-Nitrophenol	7.492	139	37858	19.194	ng	89
27) 2,4-Dimethylphenol	7.539	122	65502	23.827	ng	98
28) bis(2-Chloroethoxy)met...	7.633	93	89873	23.318	ng	98
29) 2,4-Dichlorophenol	7.739	162	57853	18.809	ng	99
30) 1,2,4-Trichlorobenzene	7.816	180	70670	21.312	ng	97
31) Naphthalene	7.892	128	228326	20.202	ng	100
32) Benzoic acid	7.651	122	22301	12.823	ng	89
33) 4-Chloroaniline	7.951	127	67586	15.437	ng	97
34) Hexachlorobutadiene	8.010	225	45600	22.157	ng	97
35) Caprolactam	8.304	113	16495	17.824	ng	93
36) 4-Chloro-3-methylphenol	8.439	107	57543	17.247	ng	96
37) 2-Methylnaphthalene	8.580	142	138705	19.502	ng	98
38) 1-Methylnaphthalene	8.680	142	130025	18.832	ng	99
40) 1,2,4,5-Tetrachloroben...	8.745	216	61563	23.753	ng	98
41) Hexachlorocyclopentadiene	8.728	237	8023	17.051	ng	94
43) 2,4,6-Trichlorophenol	8.869	196	35605	20.459	ng	99

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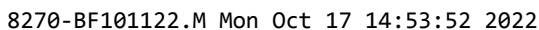
Quant Time: Oct 14 06:03:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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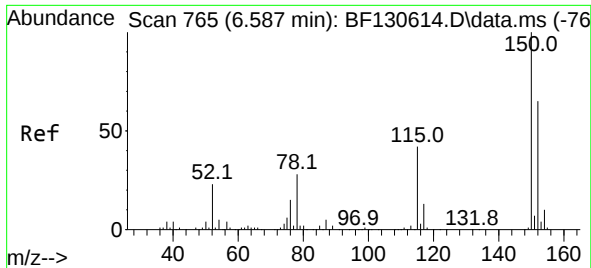
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	36191	18.910	ng	98
46) 1,1'-Biphenyl	9.045	154	163722	23.648	ng	99
47) 2-Chloronaphthalene	9.069	162	122444	21.640	ng	99
48) 2-Nitroaniline	9.175	65	35145	20.633	ng	94
49) Acenaphthylene	9.480	152	180023	21.234	ng	99
50) Dimethylphthalate	9.351	163	145334	21.977	ng	98
51) 2,6-Dinitrotoluene	9.416	165	28761	19.827	ng	91
52) Acenaphthene	9.651	154	105837	20.605	ng	99
53) 3-Nitroaniline	9.580	138	28628	18.004	ng	92
54) 2,4-Dinitrophenol	9.716	184	1263	6.576	ng	96
55) Dibenzofuran	9.822	168	163520	20.897	ng	98
56) 4-Nitrophenol	9.763	139	38265	43.645	ng	96
57) 2,4-Dinitrotoluene	9.816	165	36091	19.359	ng	# 99
58) Fluorene	10.163	166	131056	20.372	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.945	232	29002	19.008	ng	99
60) Diethylphthalate	10.045	149	133916	20.297	ng	98
61) 4-Chlorophenyl-phenylether	10.157	204	60002	20.630	ng	98
62) 4-Nitroaniline	10.192	138	28706	18.909	ng	98
63) Azobenzene	10.316	77	115454	18.578	ng	98
65) 4,6-Dinitro-2-methylphthalate	10.227	198	2059m	2.016	ng	
66) n-Nitrosodiphenylamine	10.280	169	107029	19.688	ng	99
67) 4-Bromophenyl-phenylether	10.645	248	38011	20.556	ng	98
68) Hexachlorobenzene	10.704	284	44920	21.489	ng	98
69) Atrazine	10.810	200	37134	25.086	ng	98
70) Pentachlorophenol	10.910	266	38983	47.917	ng	96
71) Phenanthrene	11.121	178	211997	23.414	ng	100
72) Anthracene	11.169	178	203462	23.009	ng	99
73) Carbazole	11.333	167	187499	23.762	ng	99
74) Di-n-butylphthalate	11.669	149	210554	22.029	ng	99
75) Fluoranthene	12.304	202	275707	31.683	ng	99
77) Benzidine	12.439	184	81944	18.834	ng	99
78) Pyrene	12.533	202	282706	19.037	ng	99
80) Butylbenzylphthalate	13.157	149	109193	19.122	ng	96
81) Benzo(a)anthracene	13.715	228	256563	22.120	ng	100
82) 3,3'-Dichlorobenzidine	13.686	252	73893	22.046	ng	99
83) Chrysene	13.751	228	234126	21.290	ng	99
84) Bis(2-ethylhexyl)phthalate	13.715	149	154209	22.276	ng	99
85) Di-n-octyl phthalate	14.327	149	257054	24.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	152174	16.868	ng	98
88) Benzo(b)fluoranthene	14.721	252	218604	28.641	ng	99
89) Benzo(k)fluoranthene	14.751	252	167178	21.512	ng	99
90) Benzo(a)pyrene	15.045	252	157240	24.753	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	128406	17.364	ng	99
92) Benzo(g,h,i)perylene	16.780	276	130445	18.939	ng	96

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

Manual Integrations

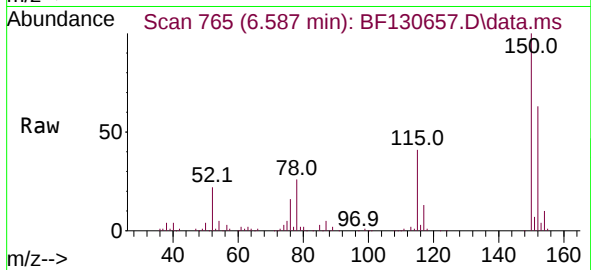
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

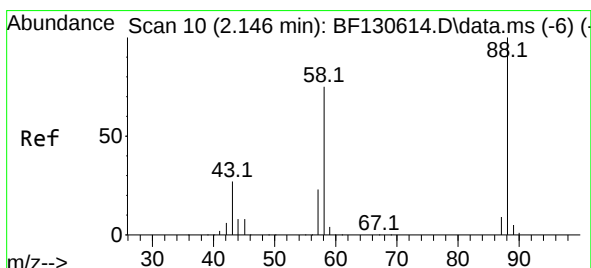
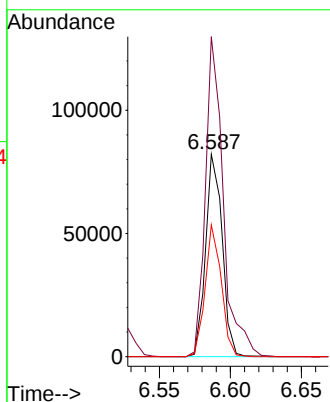
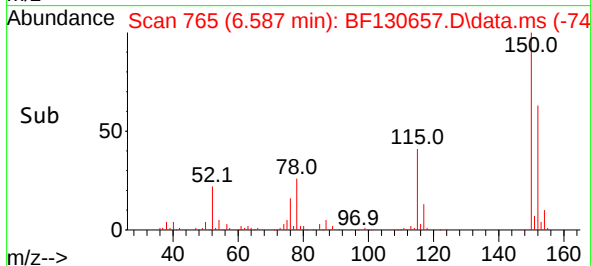
Instrument :
BNA_F
Client SampleId :
WC-3MSD



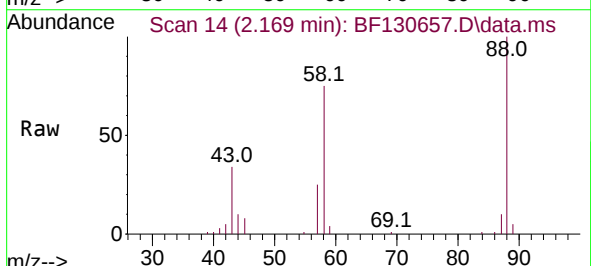
Tgt Ion: 152 Resp: 66668
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 65.1 52.2 78.4

Manual Integrations
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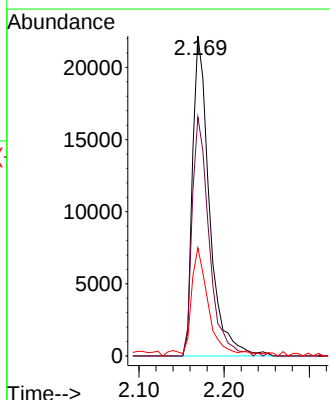
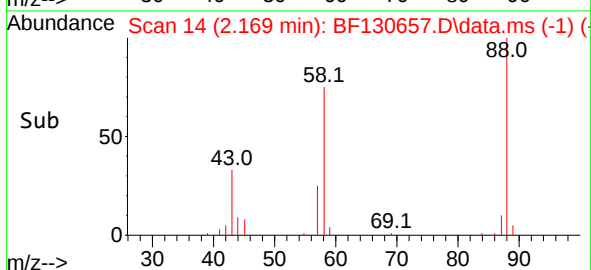
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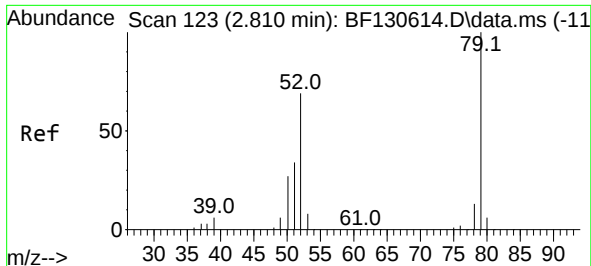


#2
1,4-Dioxane
Concen: 13.619 ng
RT: 2.169 min Scan# 14
Delta R.T. 0.023 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion: 88 Resp: 30473
Ion Ratio Lower Upper
88 100
58 75.5 58.8 88.2
43 35.3 22.2 33.4





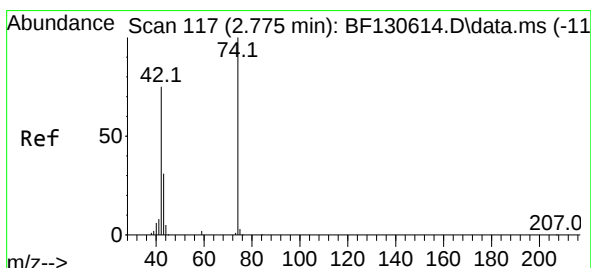
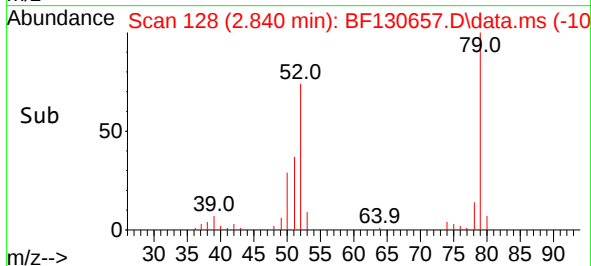
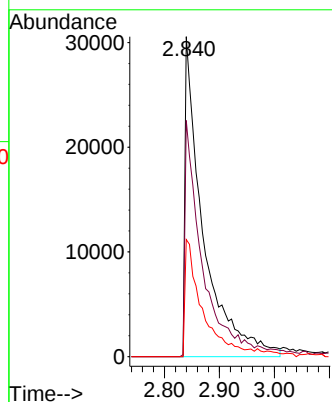
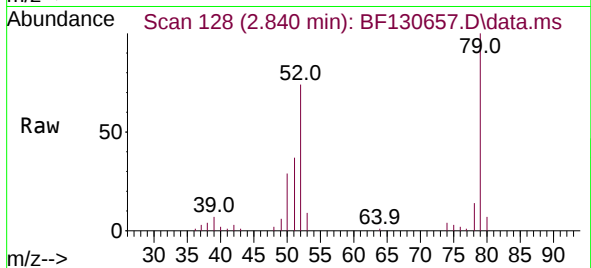
#3
Pyridine
Concen: 17.397 ng
RT: 2.840 min Scan# 119
Delta R.T. 0.029 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
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ClientSampleId :
WC-3MSD

Tgt Ion: 79 Resp: 69632
Ion Ratio Lower Upper
79 100
52 73.8 54.8 82.2
51 36.6 27.4 41.2

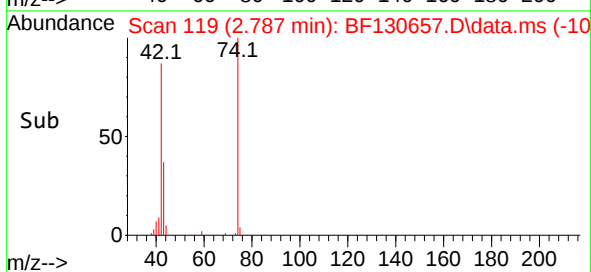
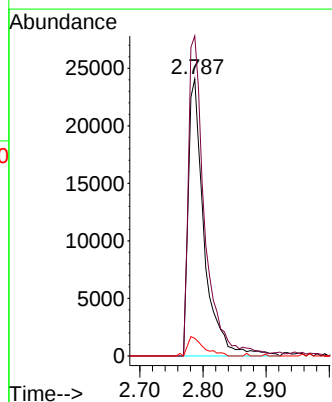
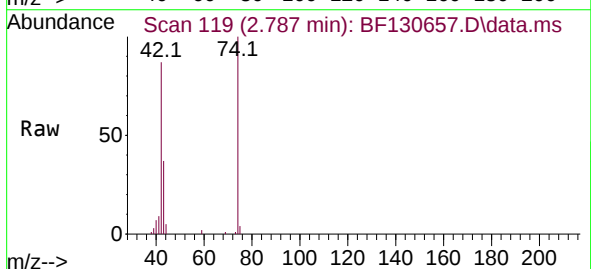
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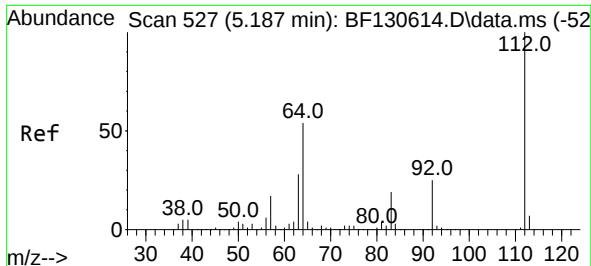
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#4
n-Nitrosodimethylamine
Concen: 22.238 ng
RT: 2.787 min Scan# 119
Delta R.T. 0.012 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion: 42 Resp: 41937
Ion Ratio Lower Upper
42 100
74 115.6 106.2 159.2
44 6.3 5.0 7.4





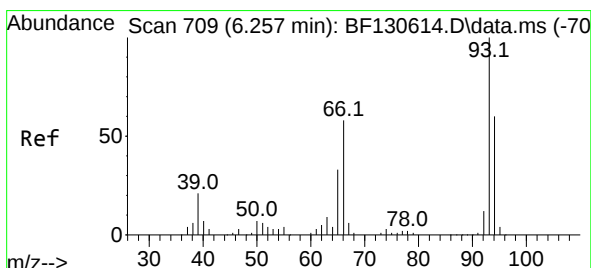
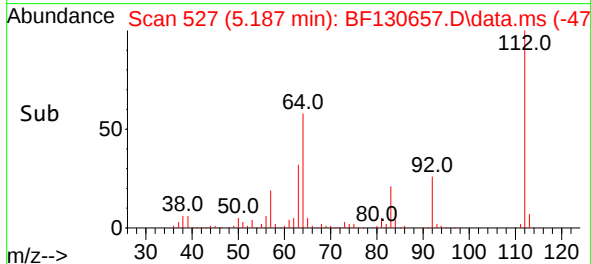
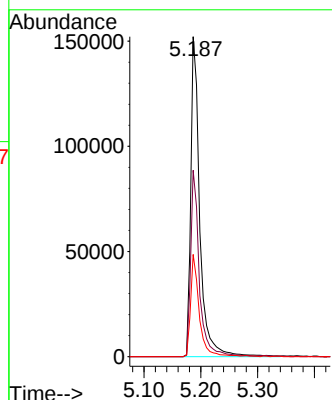
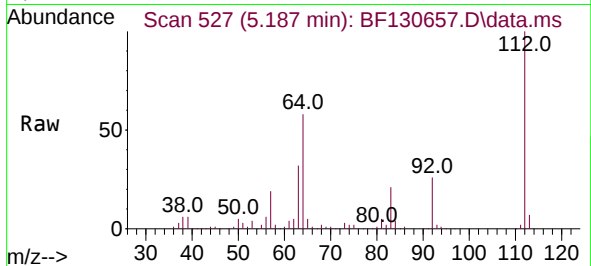
#5
2-Fluorophenol
Concen: 45.275 ng
RT: 5.187 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
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Tgt Ion:112 Resp: 167453
Ion Ratio Lower Upper
112 100
64 58.2 43.5 65.3
63 31.9 22.6 34.0

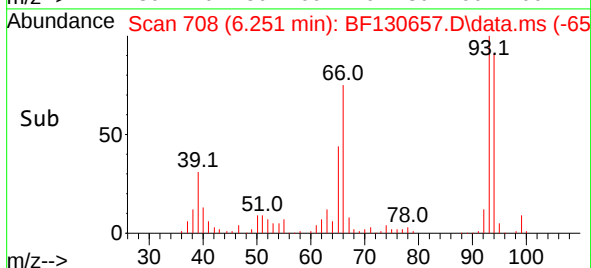
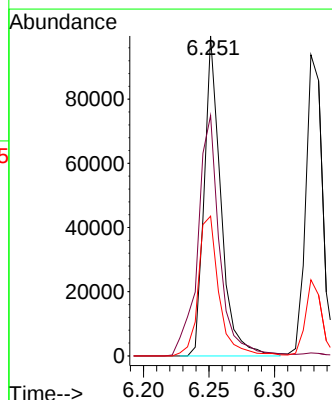
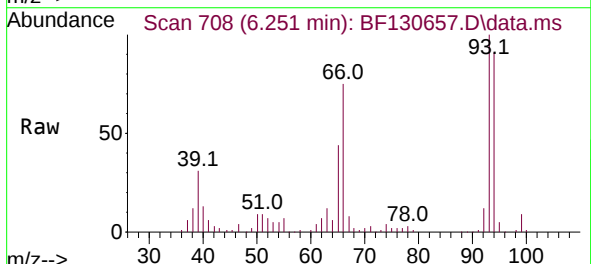
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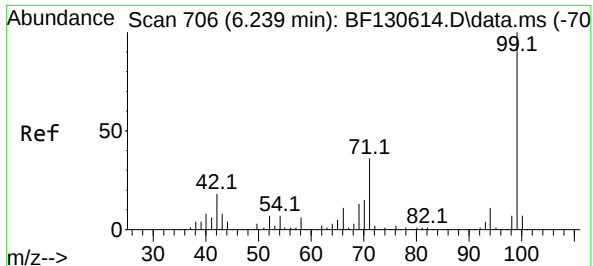
Reviewed By :Christian Giraldo 10/14/2022
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#6
Aniline
Concen: 15.802 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

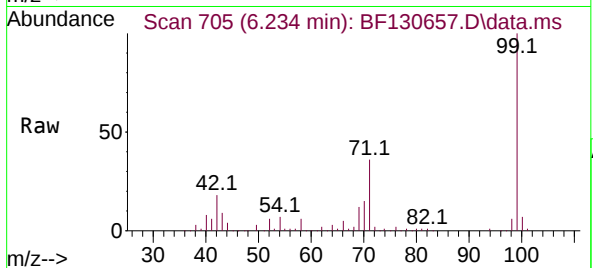
Tgt Ion: 93 Resp: 87976
Ion Ratio Lower Upper
93 100
66 75.1 47.4 71.0#
65 43.7 26.6 40.0#





#7
Phenol-d6
Concen: 40.883 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

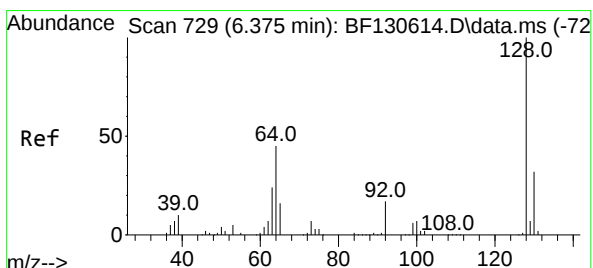
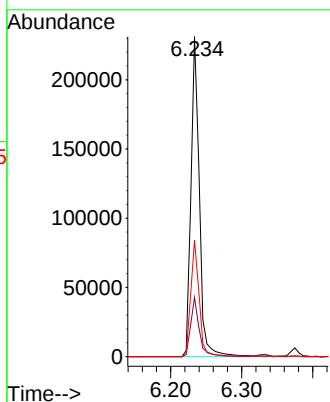
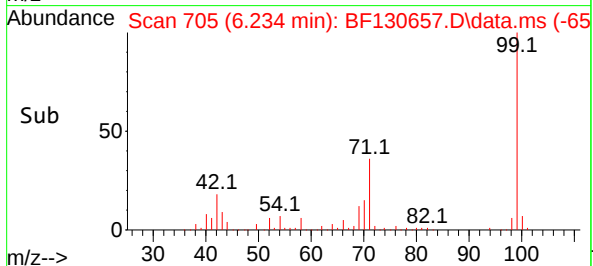
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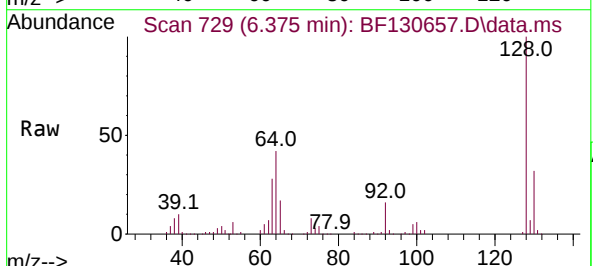
Tgt Ion: 99 Resp: 190112
Ion Ratio Lower Upper
99 100
42 18.5 14.0 21.0
71 36.4 28.8 43.2

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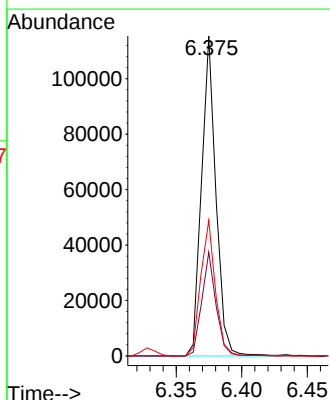
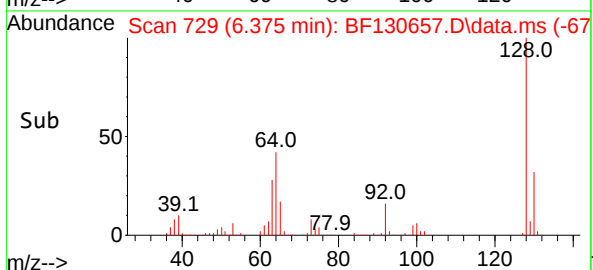
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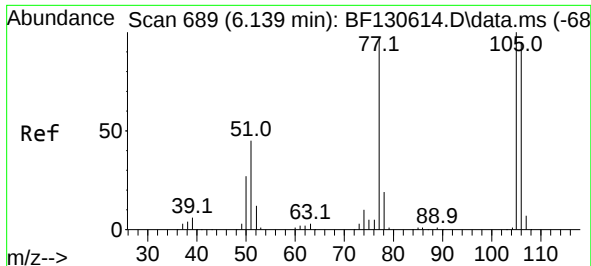


#8
2-Chlorophenol
Concen: 20.161 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



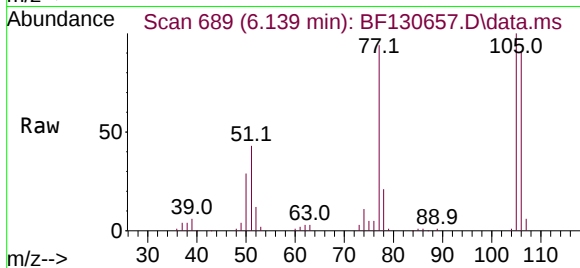
Tgt Ion:128 Resp: 87689
Ion Ratio Lower Upper
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130 32.4 12.4 52.4
64 42.3 25.9 65.9





#9
Benzaldehyde
Concen: 14.579 ng
RT: 6.139 min Scan# 689
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

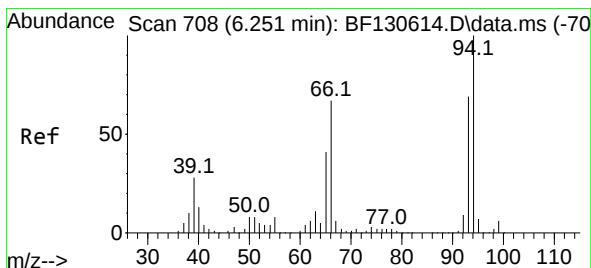
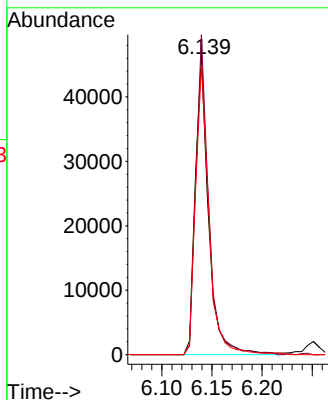
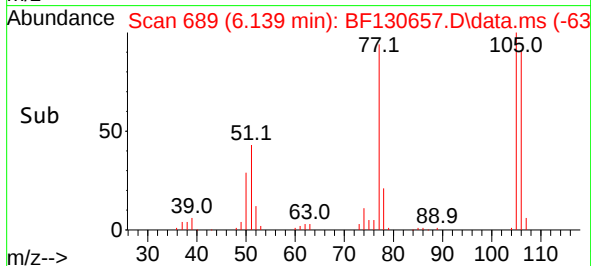
Instrument :
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ClientSampleId :
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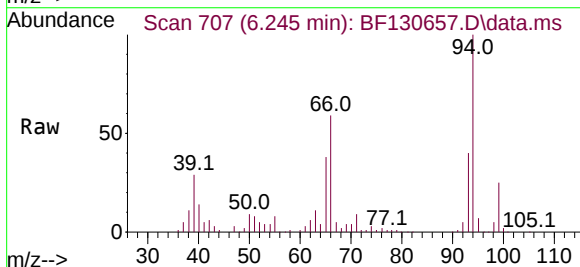
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Ion Ratio Lower Upper
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106 96.4 77.8 117.8

Manual Integrations
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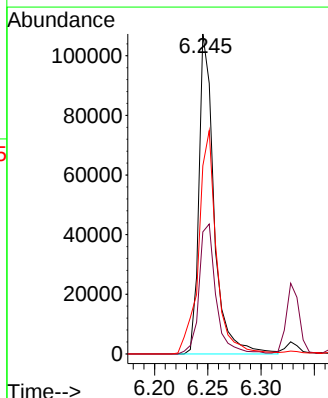
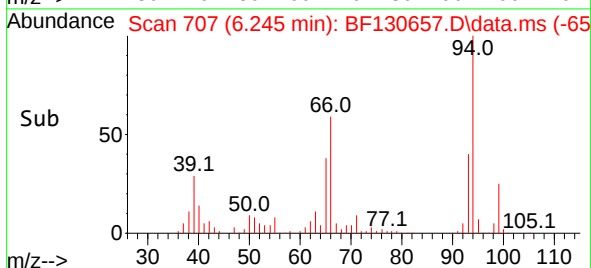
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

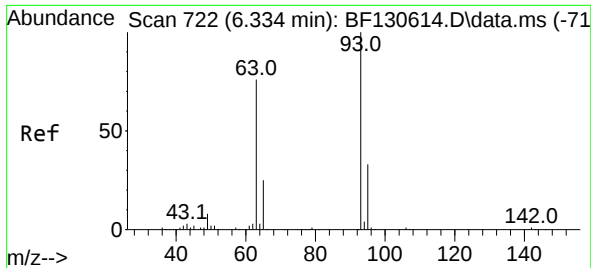


#10
Phenol
Concen: 19.599 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion: 94 Resp: 105452
Ion Ratio Lower Upper
94 100
65 38.1 21.2 61.2
66 58.8 46.9 86.9





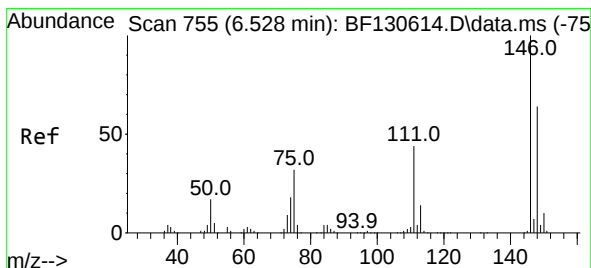
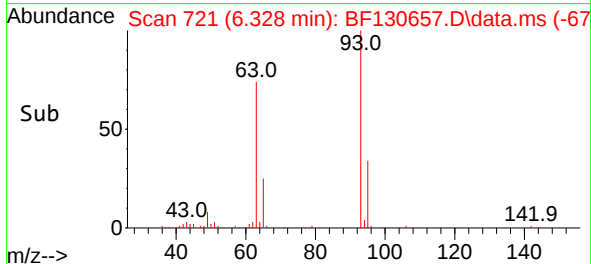
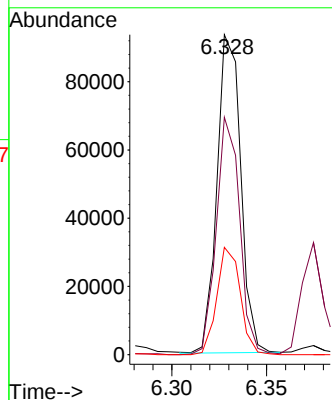
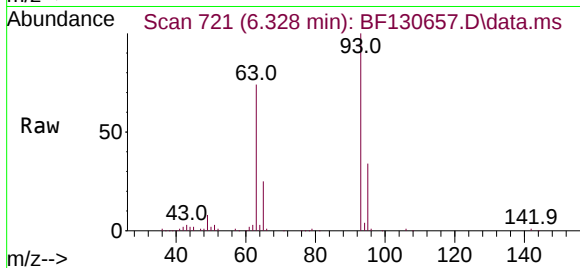
#11
bis(2-Chloroethyl)ether
Concen: 20.788 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 93 Resp: 8124
Ion Ratio Lower Upper
93 100
63 74.2 56.1 96.1
95 33.5 12.4 52.4

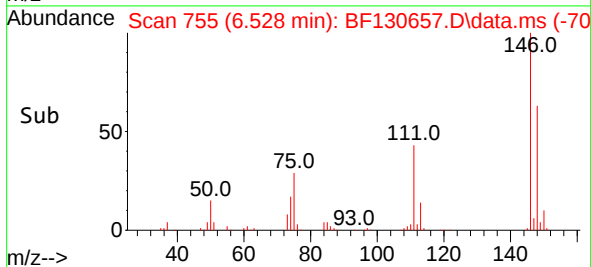
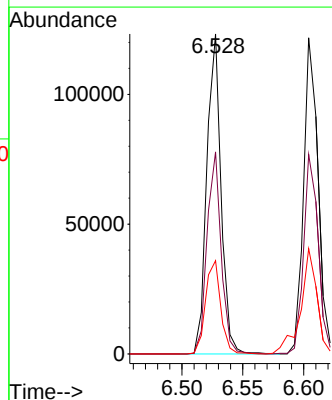
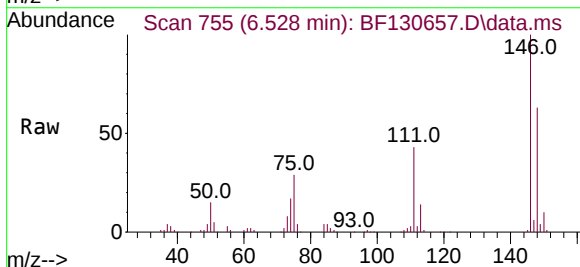
Manual Integrations
APPROVED

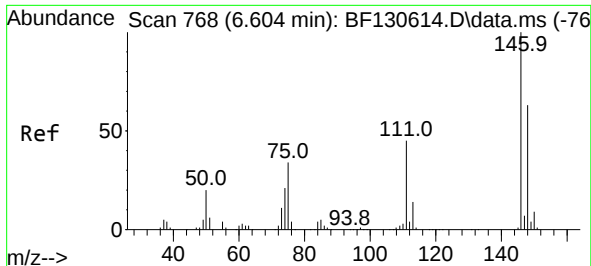
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#12
1,3-Dichlorobenzene
Concen: 21.076 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:146 Resp: 100370
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 29.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 20.918 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:146 Resp: 101062

Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

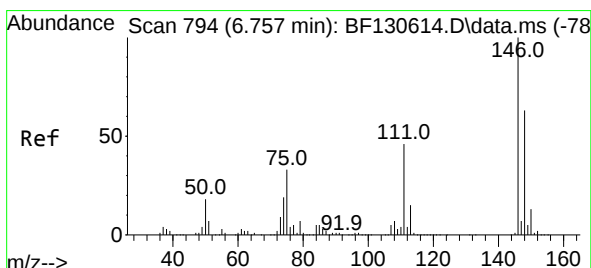
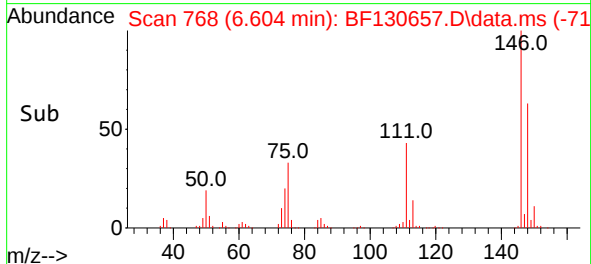
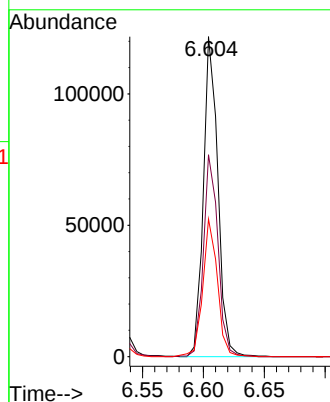
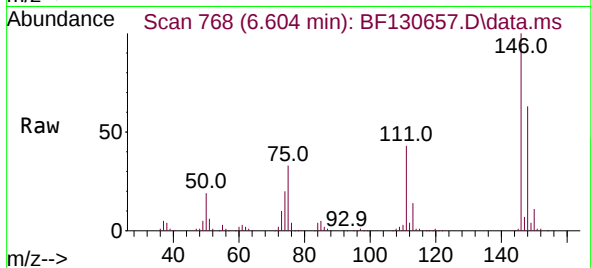
111 43.0 35.9 53.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#14

1,2-Dichlorobenzene

Concen: 20.778 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

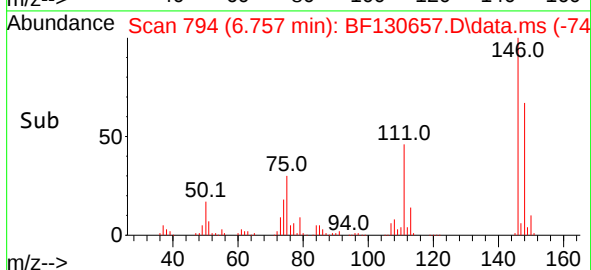
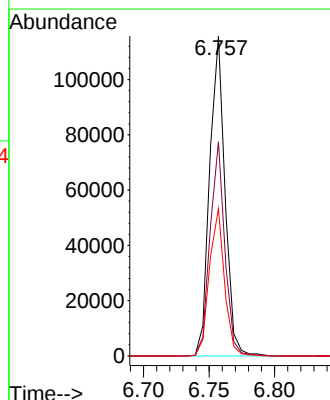
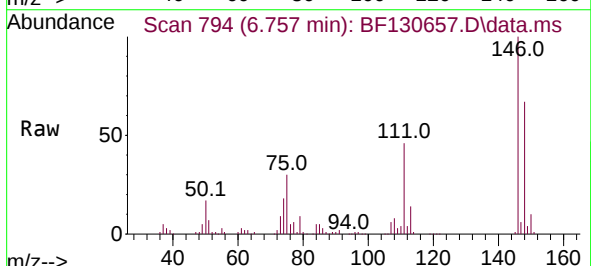
Tgt Ion:146 Resp: 93492

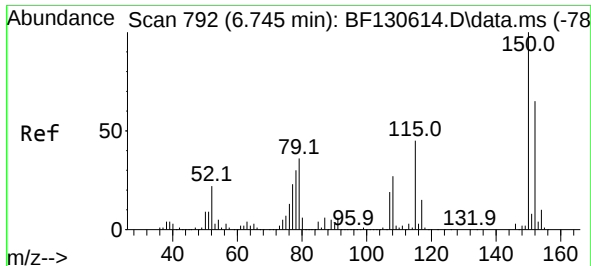
Ion Ratio Lower Upper

146 100

148 66.9 50.5 75.7

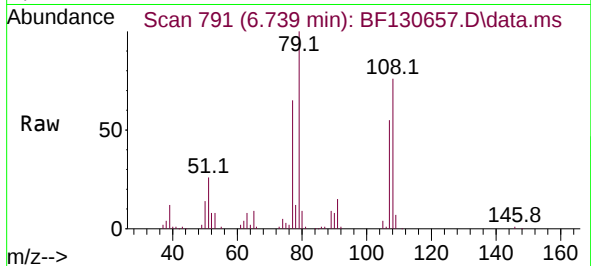
111 46.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 18.592 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

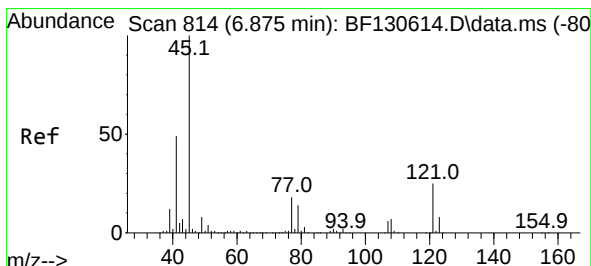
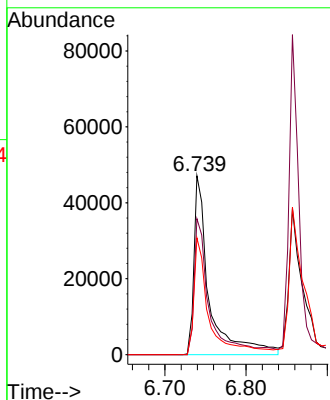
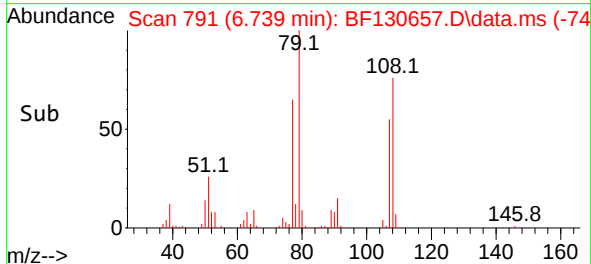
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion: 79 Resp: 62070
Ion Ratio Lower Upper
79 100
108 76.0 59.7 89.5
77 65.3 51.8 77.6

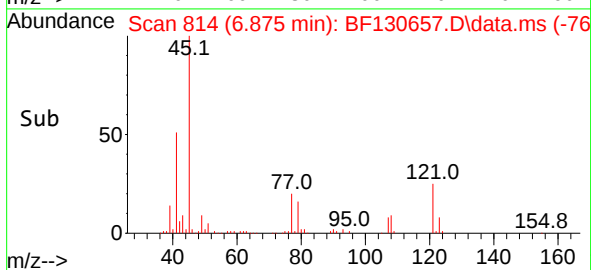
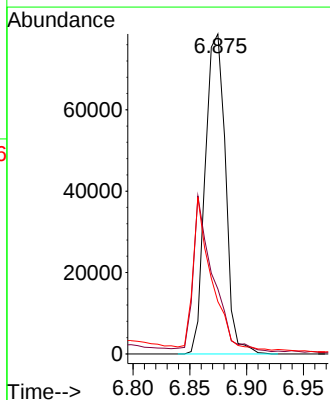
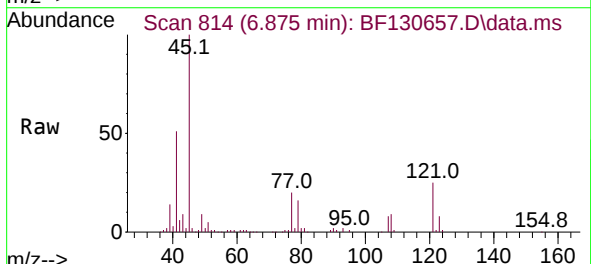
Manual Integrations
APPROVED

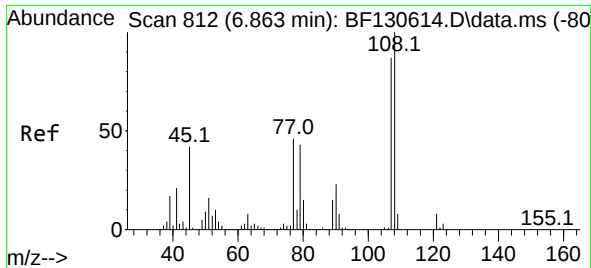
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.391 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

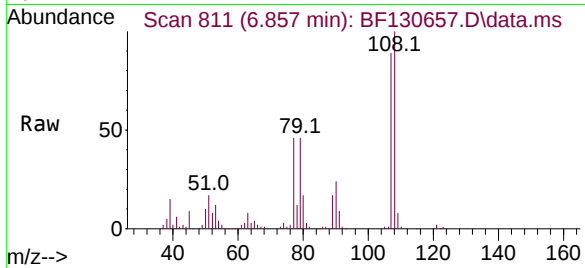
Tgt Ion: 45 Resp: 97500
Ion Ratio Lower Upper
45 100
77 20.3 0.0 38.7
79 16.4 0.0 34.6





#17
2-Methylphenol
Concen: 19.092 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

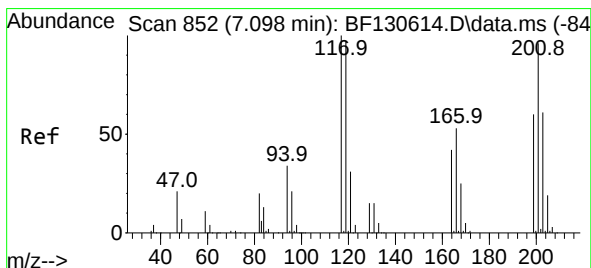
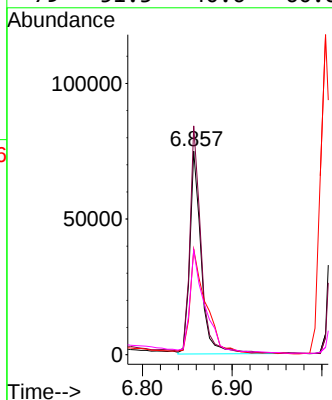
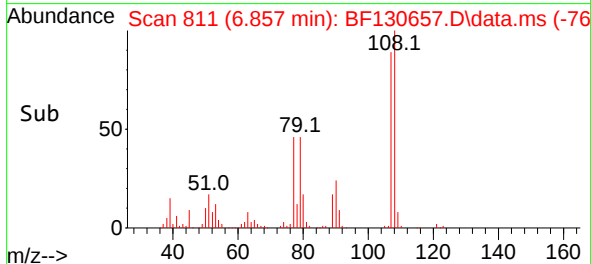
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



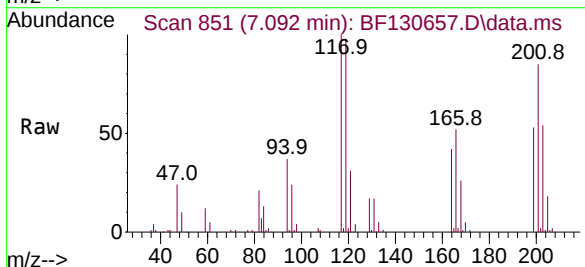
Tgt Ion:107 Resp: 66056
Ion Ratio Lower Upper
107 100
108 112.4 92.2 138.2
77 51.8 42.7 64.1
79 51.3 40.6 60.8

Manual Integrations
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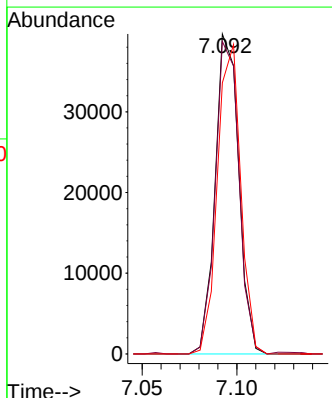
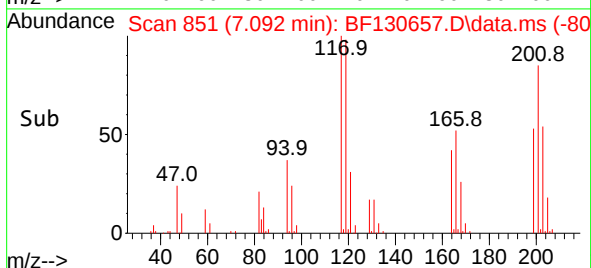
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

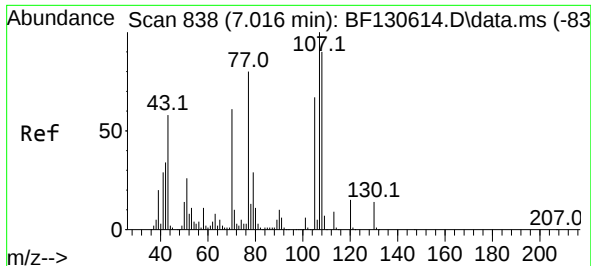


#18
Hexachloroethane
Concen: 18.801 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:117 Resp: 34363
Ion Ratio Lower Upper
117 100
119 97.6 77.6 116.4
201 84.7 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 19.043 ng

RT: 7.004 min Scan# 838

Delta R.T. -0.012 min

Lab File: BF130657.D

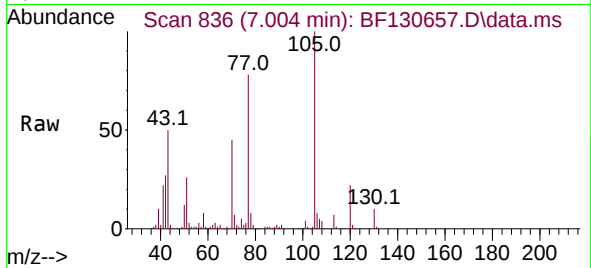
Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD



Tgt Ion: 70 Resp: 57133

Ion Ratio Lower Upper

70 100

42 59.3 44.3 66.5

101 10.0 7.9 11.9

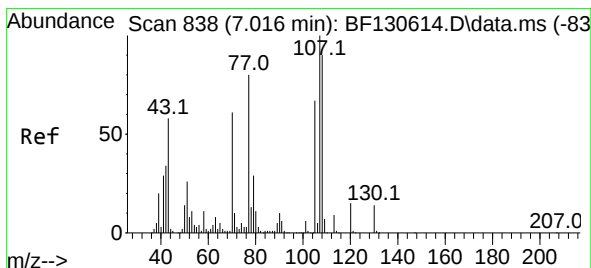
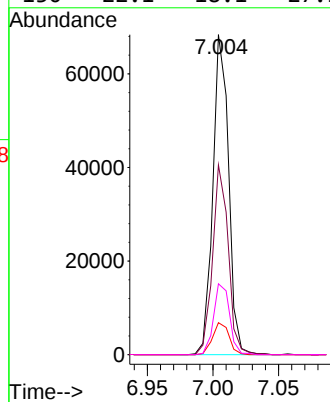
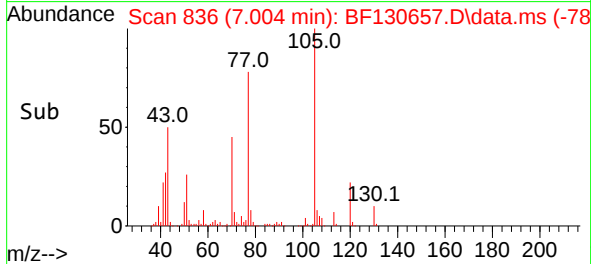
130 22.1 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#20

3+4-Methylphenols

Concen: 17.788 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:107 Resp: 82468

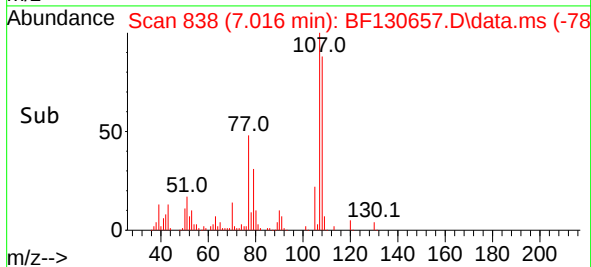
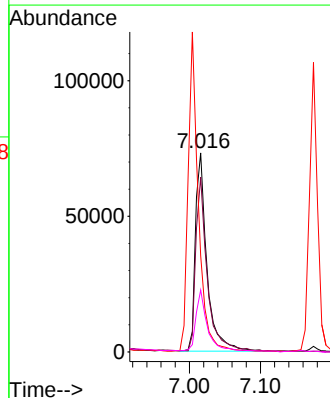
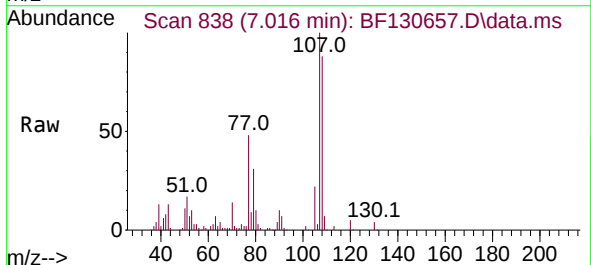
Ion Ratio Lower Upper

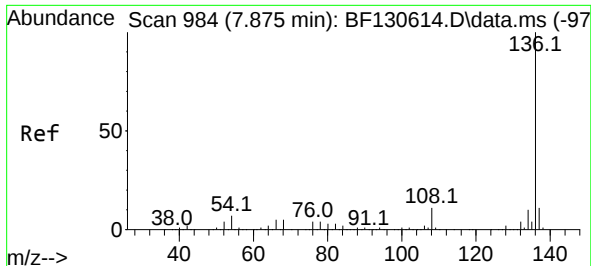
107 100

108 87.8 69.7 109.7

77 48.3 59.7 99.7#

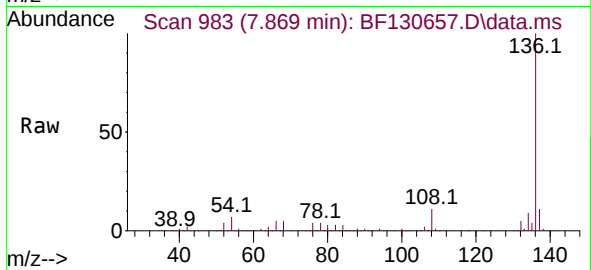
79 31.1 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

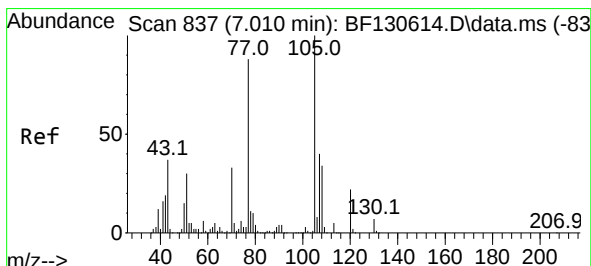
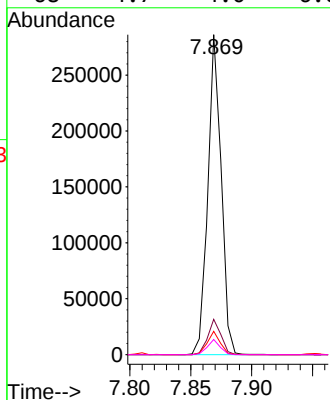
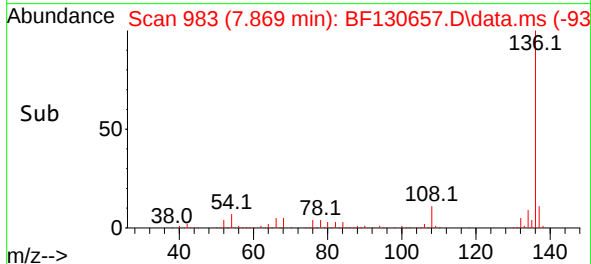
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:136 Resp: 218333
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.3 5.5 8.3
68 4.7 4.0 6.0

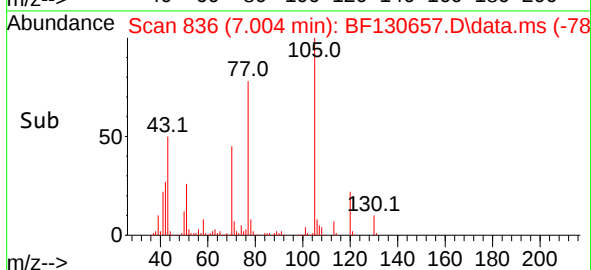
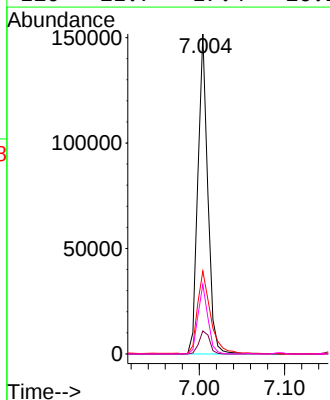
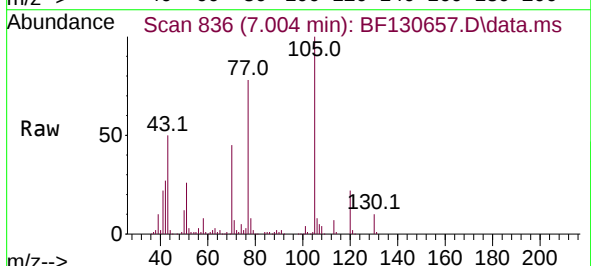
Manual Integrations
APPROVED

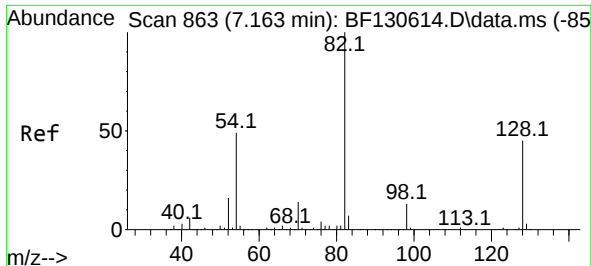
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#22
Acetophenone
Concen: 23.320 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:105 Resp: 122137
Ion Ratio Lower Upper
105 100
71 7.2 4.2 6.4#
51 25.9 24.3 36.5
120 21.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 28.306 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

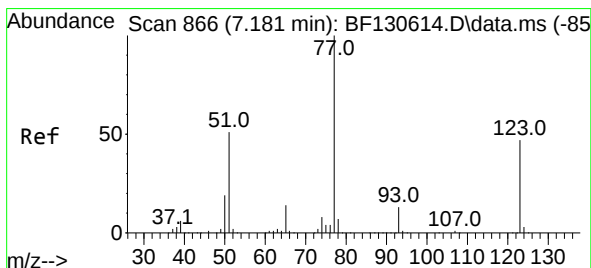
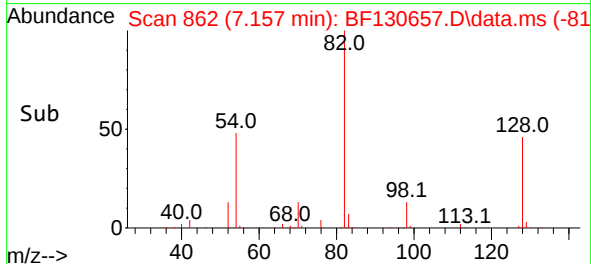
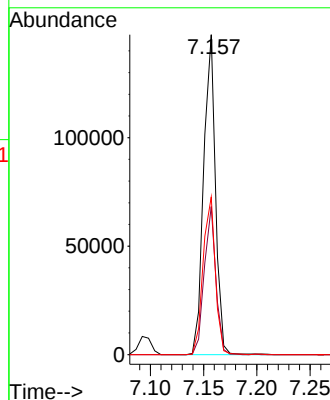
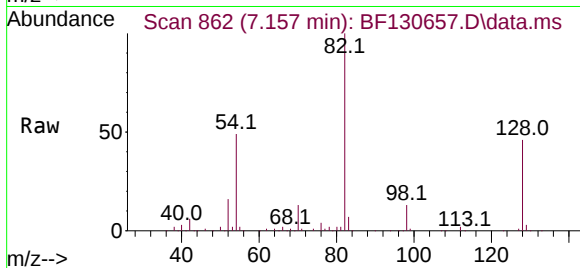
WC-3MSD

Tgt Ion:	82	Resp:	11320
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.8	53.6
54	49.2	39.3	58.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#24

Nitrobenzene

Concen: 20.902 ng

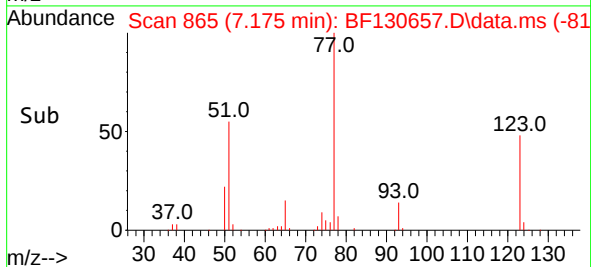
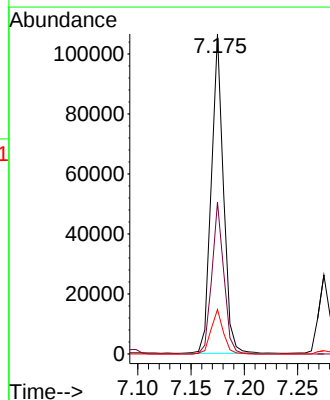
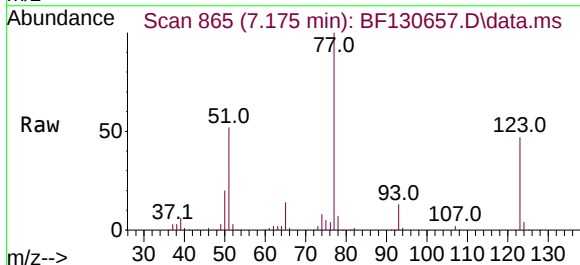
RT: 7.175 min Scan# 865

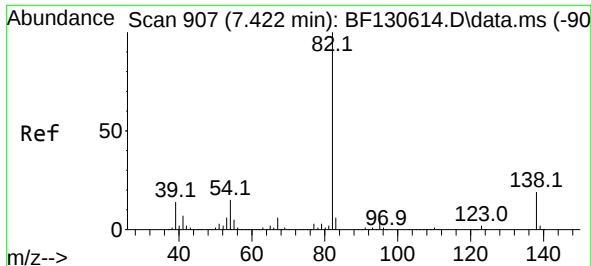
Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:	77	Resp:	84068
Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.5	56.3
65	13.9	11.0	16.4





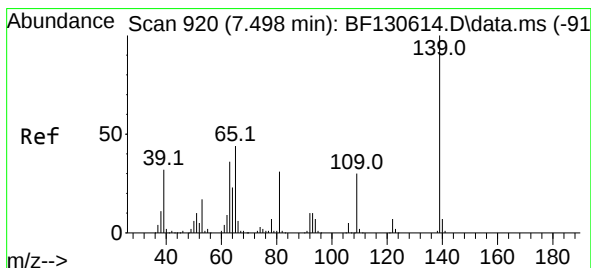
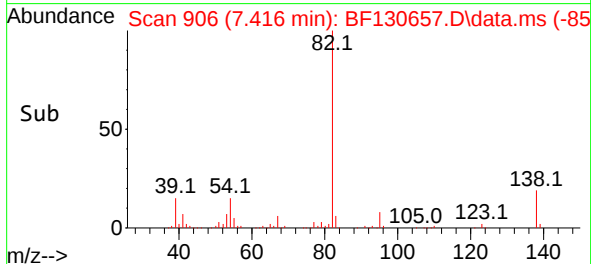
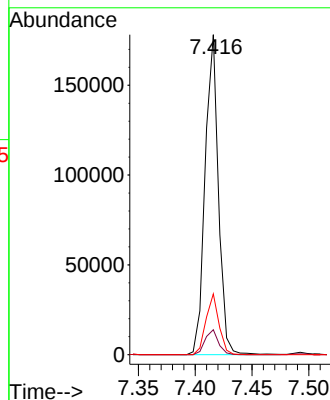
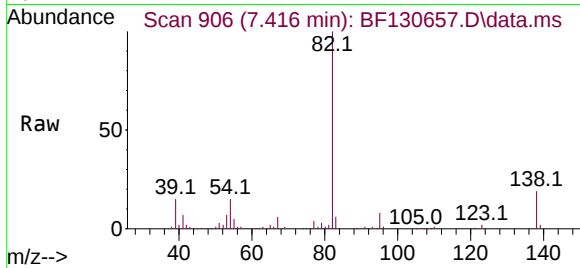
#25
Isophorone
Concen: 21.834 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
Client SampleId :
WC-3MSD

Tgt Ion: 82 Resp: 145335
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.0 14.9 22.3

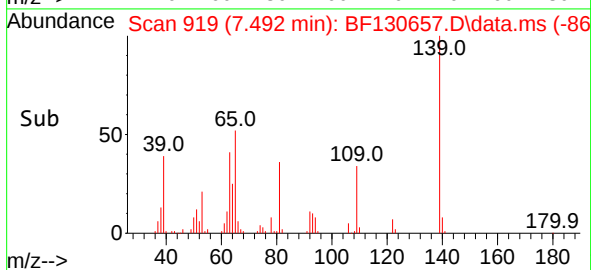
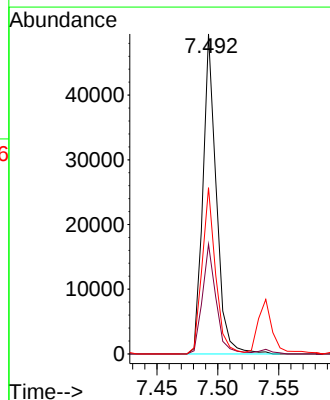
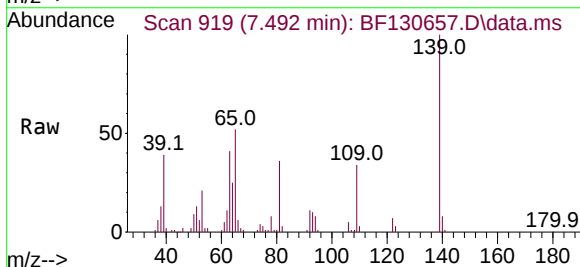
Manual Integrations
APPROVED

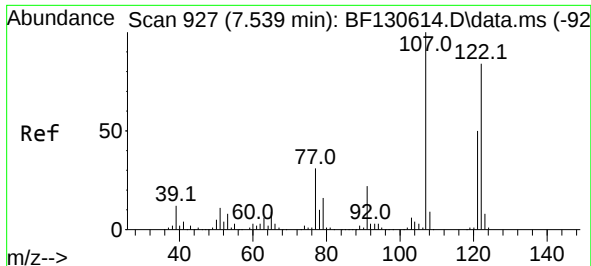
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#26
2-Nitrophenol
Concen: 19.194 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:139 Resp: 37858
Ion Ratio Lower Upper
139 100
109 34.3 23.9 35.9
65 51.9 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 23.827 ng

RT: 7.539 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

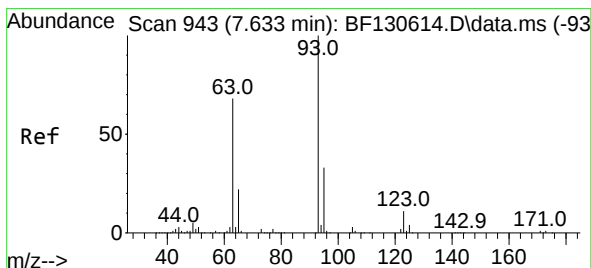
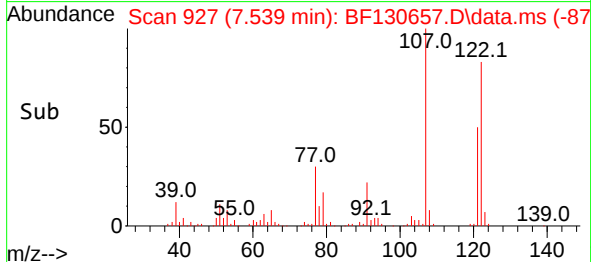
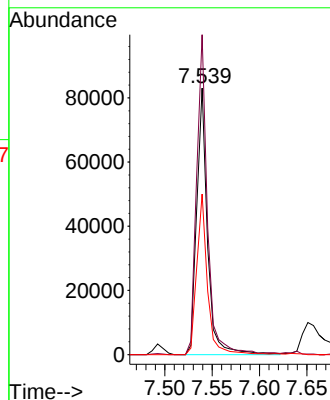
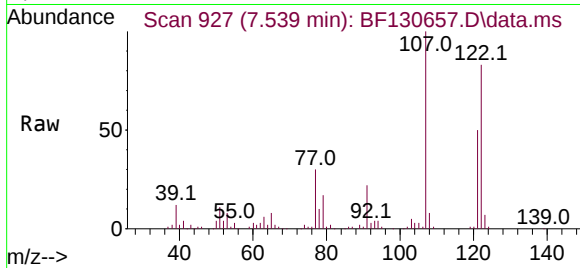
Tgt Ion:122	Resp:	65502
Ion Ratio	Lower	Upper
122	100	
107	120.1	94.9 142.3
121	60.3	47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 23.318 ng

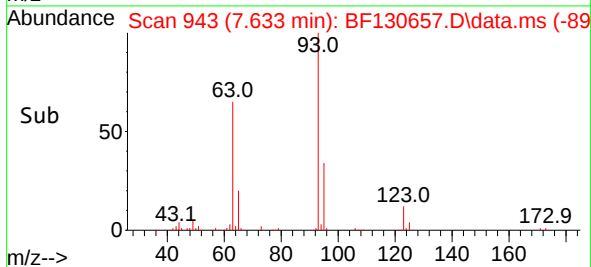
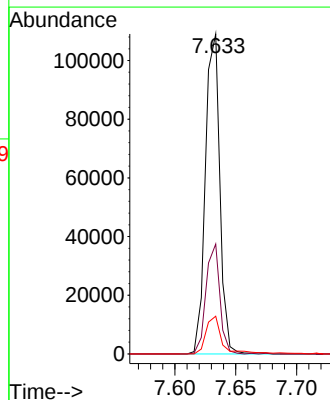
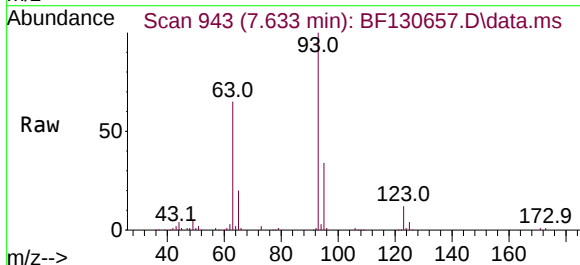
RT: 7.633 min Scan# 943

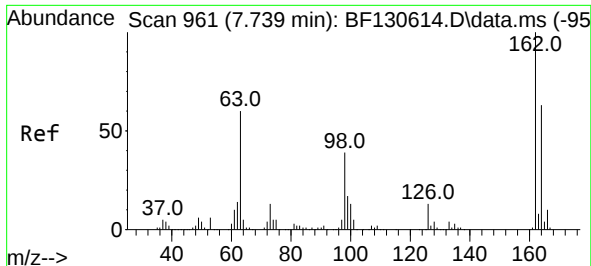
Delta R.T. 0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion: 93	Resp:	89873
Ion Ratio	Lower	Upper
93	100	
95	34.3	26.4 39.6
123	11.8	9.1 13.7





#29

2,4-Dichlorophenol

Concen: 18.809 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

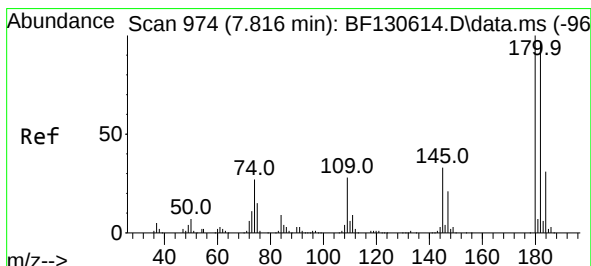
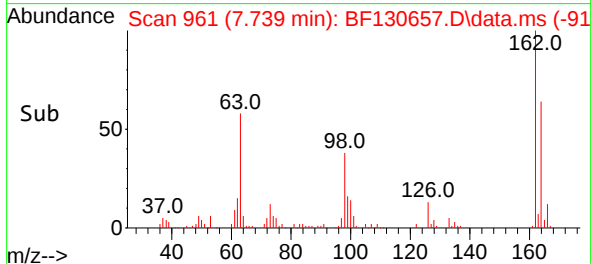
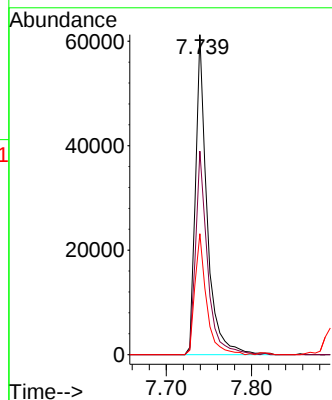
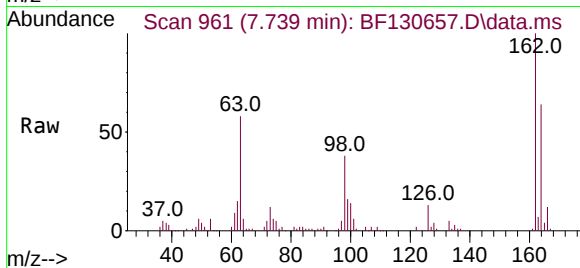
WC-3MSD

Tgt Ion:	162	Resp:	5785
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.8	82.8
98	37.8	18.6	58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 21.312 ng

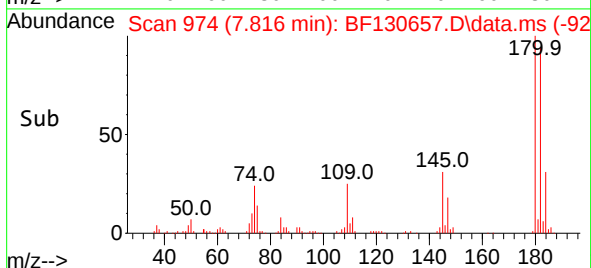
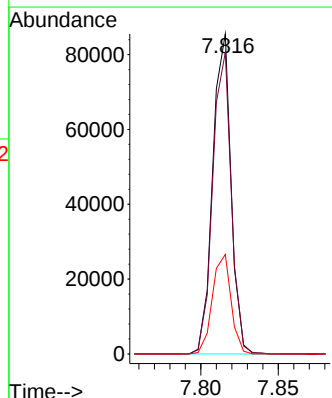
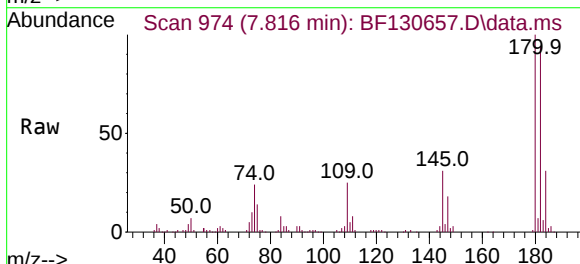
RT: 7.816 min Scan# 974

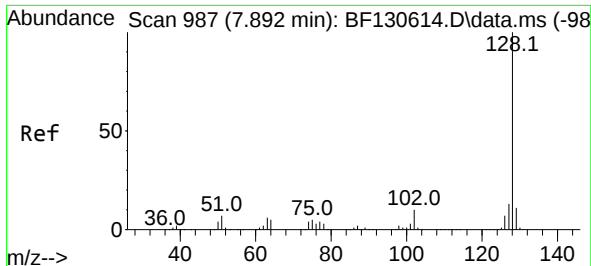
Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

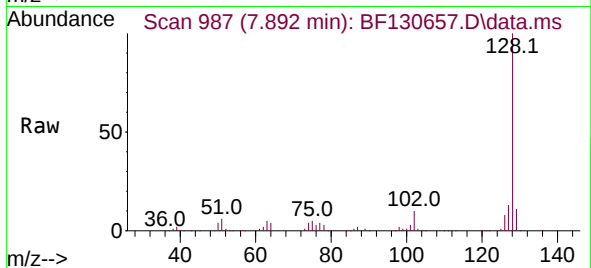
Tgt Ion:	180	Resp:	70670
Ion Ratio	Lower	Upper	
180	100		
182	94.2	78.0	117.0
145	31.1	26.7	40.1





#31
Naphthalene
Concen: 20.202 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

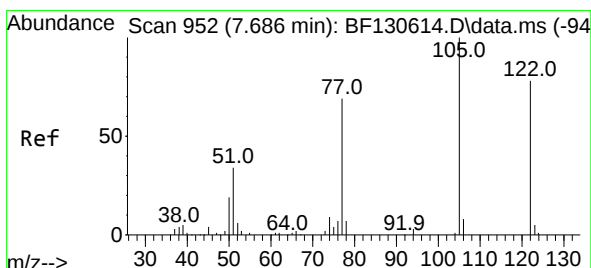
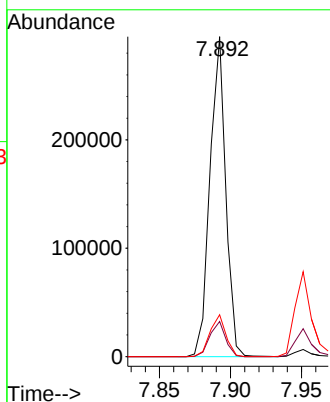
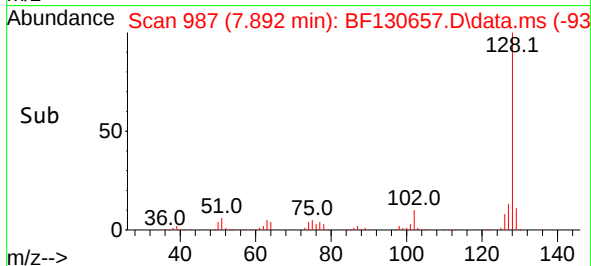
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



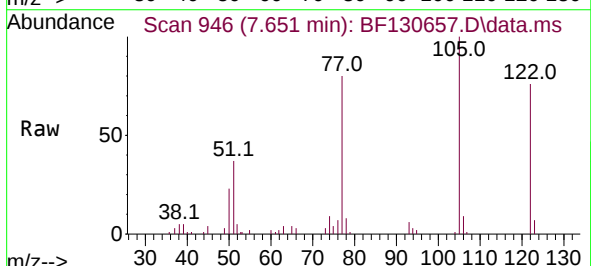
Tgt Ion:128 Resp: 228326
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.3 15.5

Manual Integrations
APPROVED

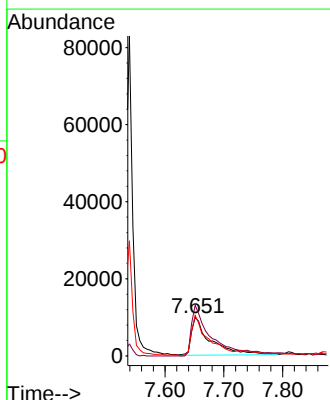
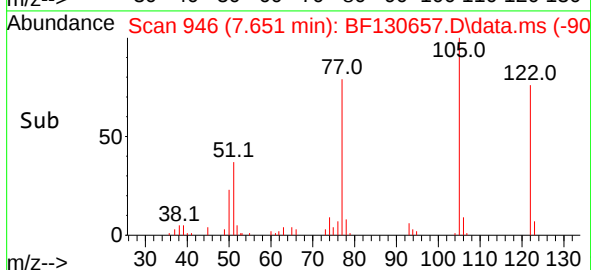
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

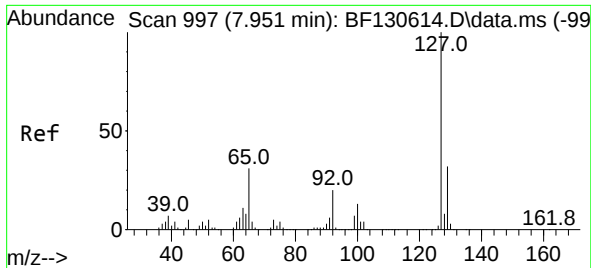


#32
Benzoic acid
Concen: 12.823 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.035 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:122 Resp: 22301
Ion Ratio Lower Upper
122 100
105 131.3 104.8 144.8
77 105.0 68.2 108.2





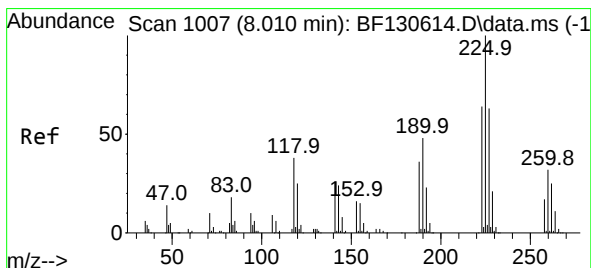
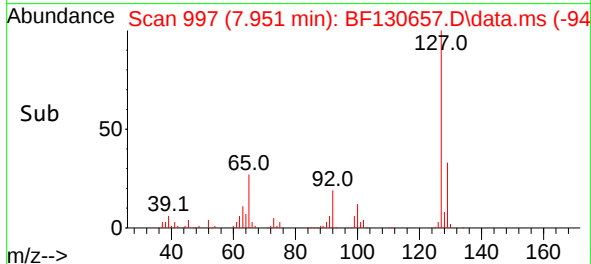
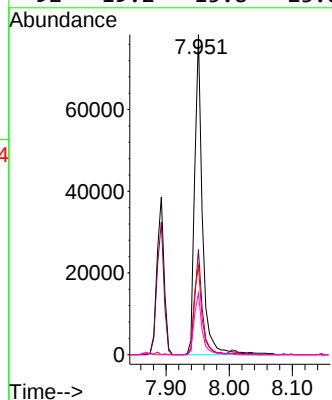
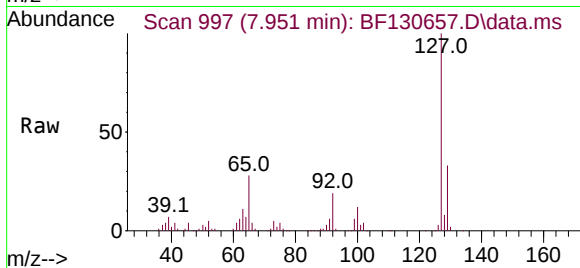
#33
4-Chloroaniline
Concen: 15.437 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:	127	Resp:	67586
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.7	38.5
65	27.7	24.7	37.1
92	19.2	15.8	23.8

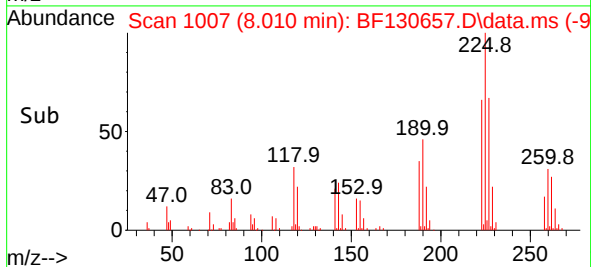
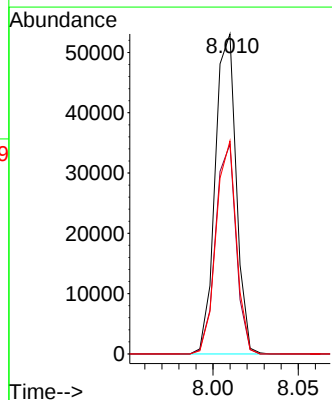
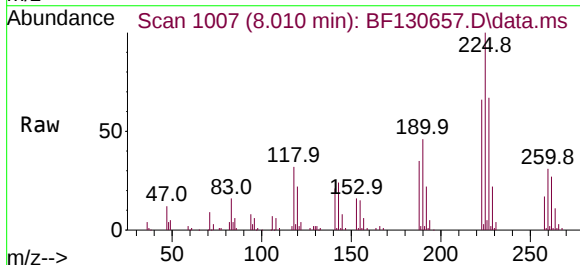
Manual Integrations
APPROVED

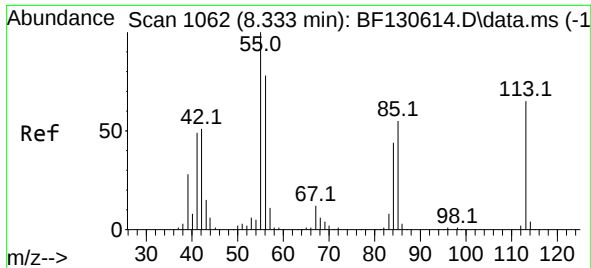
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#34
Hexachlorobutadiene
Concen: 22.157 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

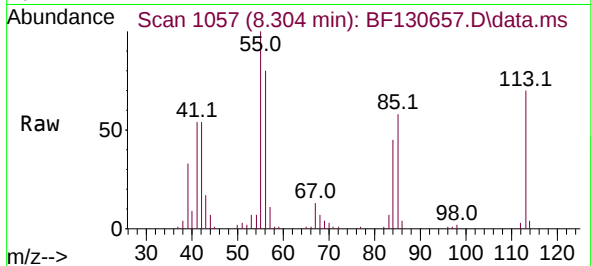
Tgt Ion:	225	Resp:	45600
Ion Ratio	Lower	Upper	
225	100		
223	65.5	51.5	77.3
227	66.5	50.4	75.6





#35
Caprolactam
Concen: 17.824 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.029 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

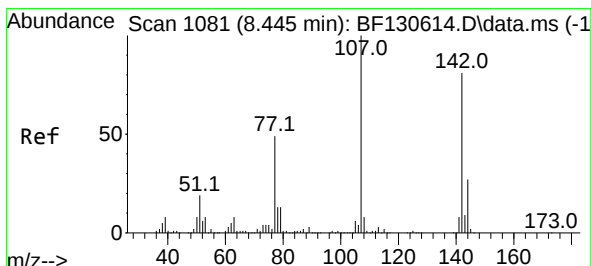
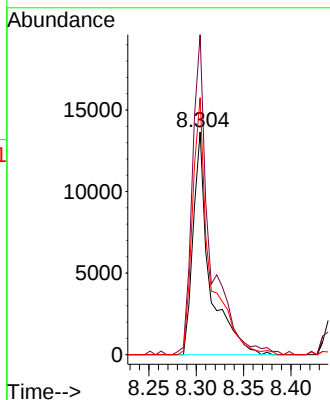
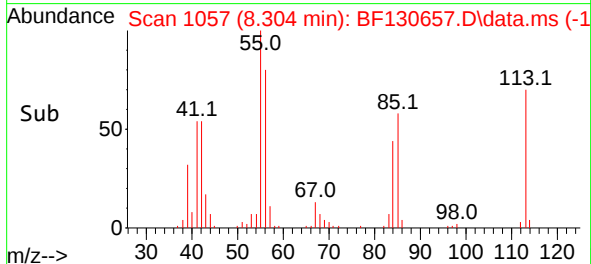
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:113 Resp: 16495
Ion Ratio Lower Upper
113 100
55 143.7 134.3 174.3
56 115.4 101.0 141.0

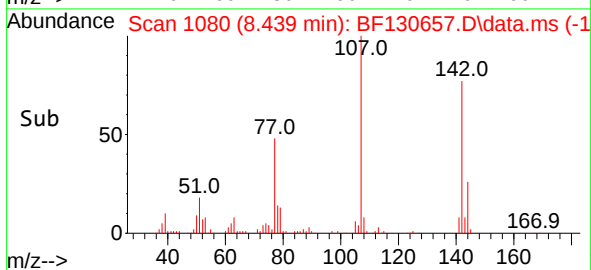
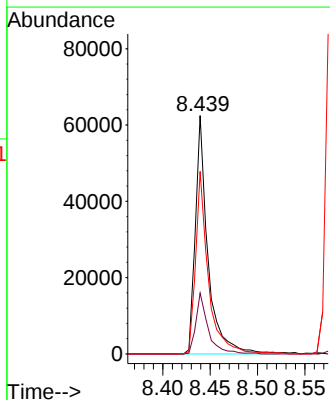
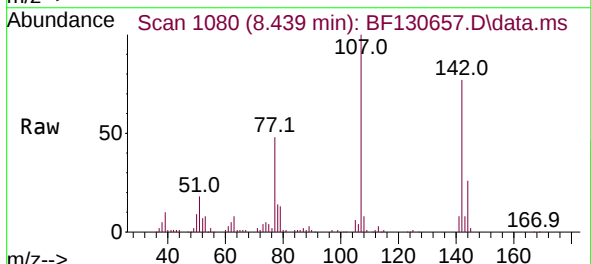
Manual Integrations
APPROVED

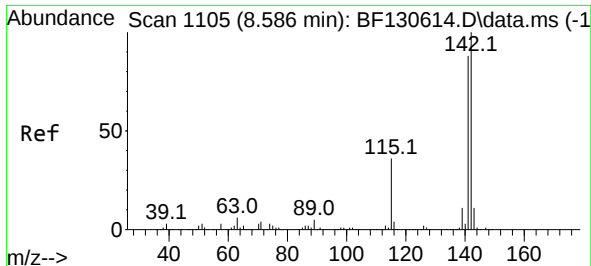
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#36
4-Chloro-3-methylphenol
Concen: 17.247 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:107 Resp: 57543
Ion Ratio Lower Upper
107 100
144 25.5 21.9 32.9
142 76.5 64.6 96.8





#37

2-Methylnaphthalene

Concen: 19.502 ng

RT: 8.580 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:142 Resp: 138705

Ion Ratio Lower Upper

142 100

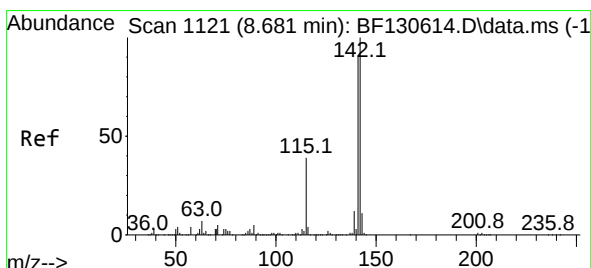
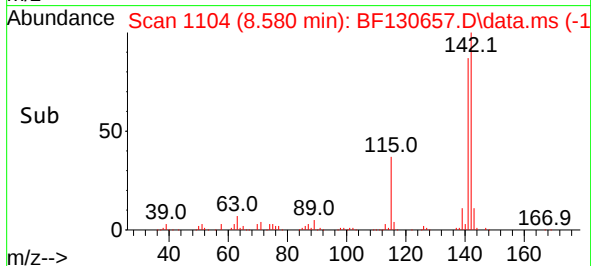
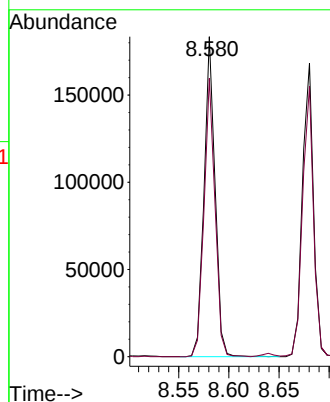
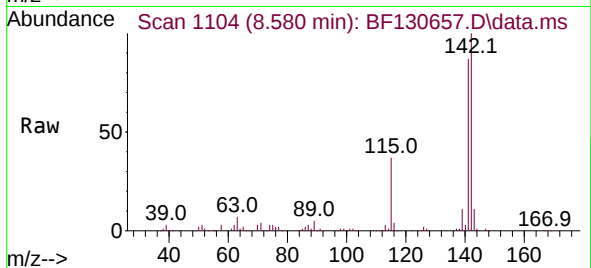
141 87.0 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#38

1-Methylnaphthalene

Concen: 18.832 ng

RT: 8.680 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF130657.D

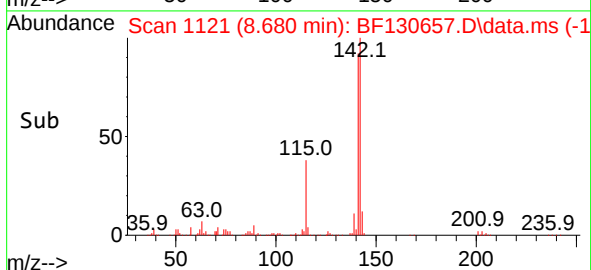
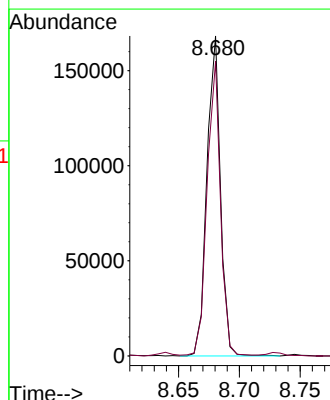
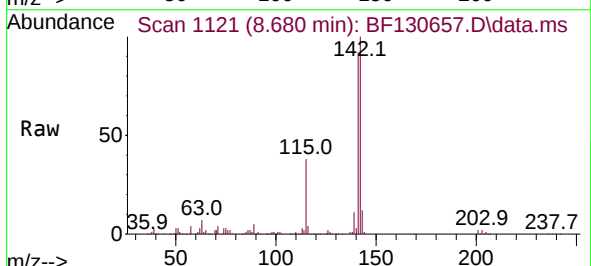
Acq: 13 Oct 2022 20:39

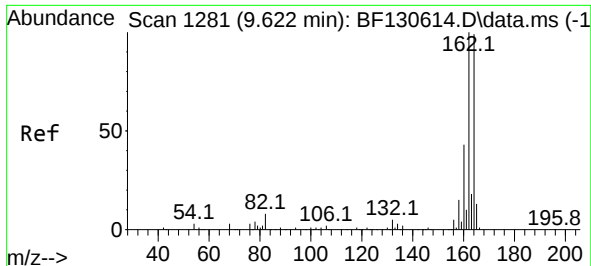
Tgt Ion:142 Resp: 130025

Ion Ratio Lower Upper

142 100

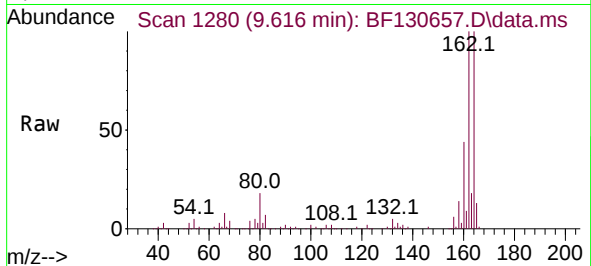
141 92.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

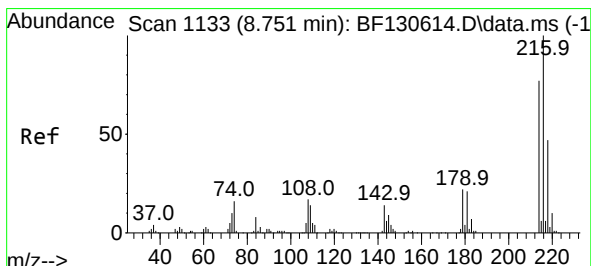
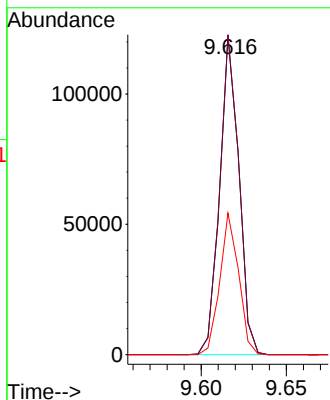
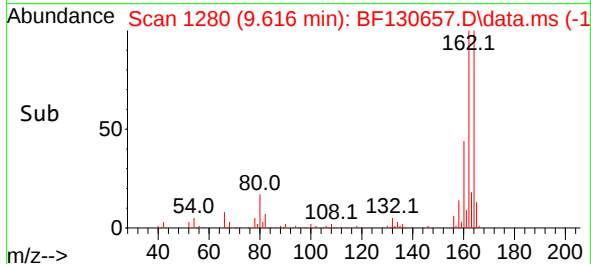
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



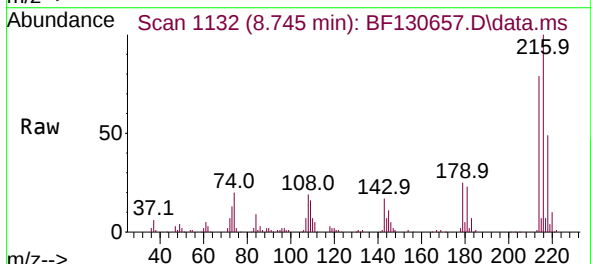
Tgt Ion:164 Resp: 95530
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.4 34.5 51.7

Manual Integrations
APPROVED

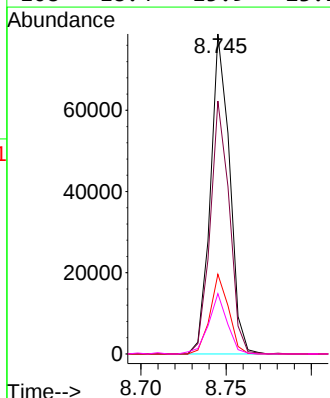
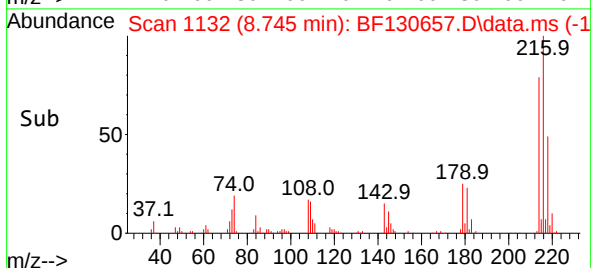
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

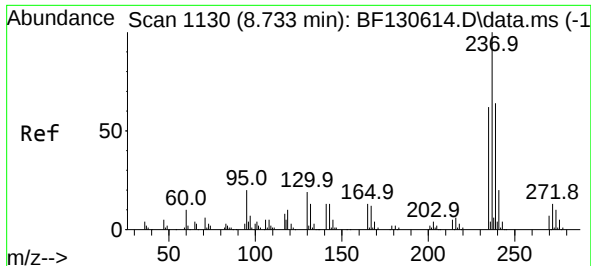


#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.753 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



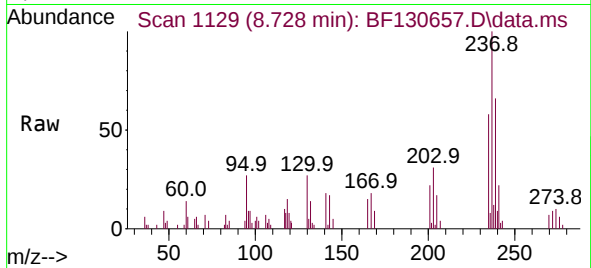
Tgt Ion:216 Resp: 61563
Ion Ratio Lower Upper
216 100
214 78.6 62.1 93.1
179 24.0 18.6 27.8
108 18.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 17.051 ng
RT: 8.728 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

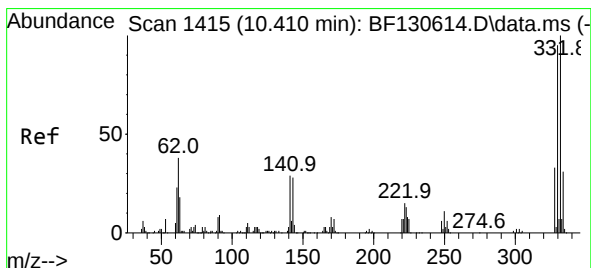
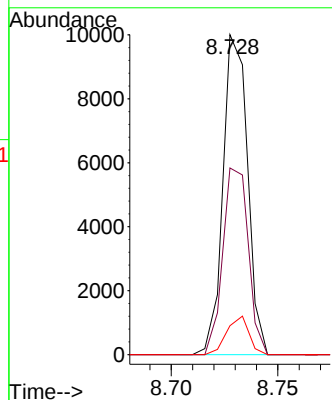
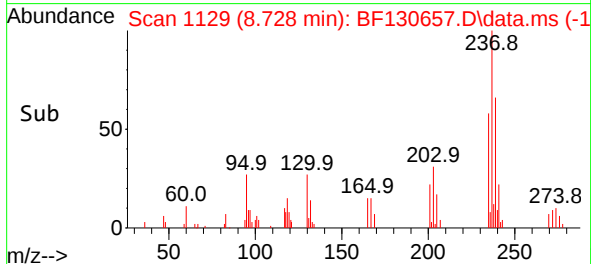
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:237 Resp: 8023
Ion Ratio Lower Upper
237 100
235 58.3 42.2 82.2
272 9.0 0.0 32.6

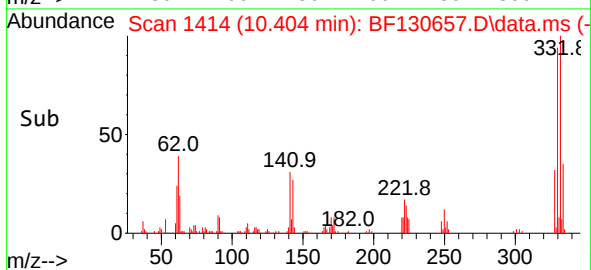
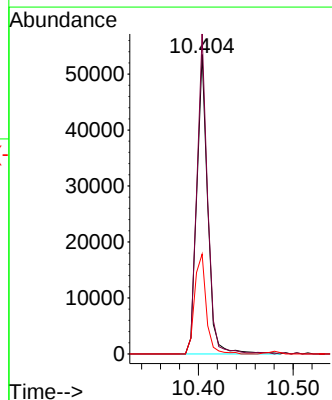
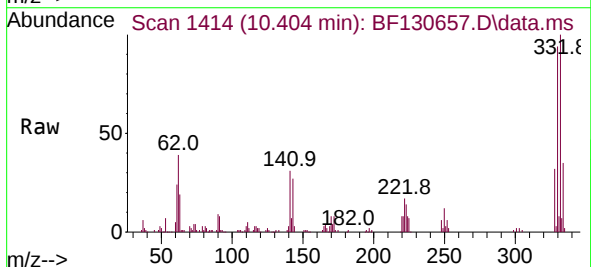
Manual Integrations
APPROVED

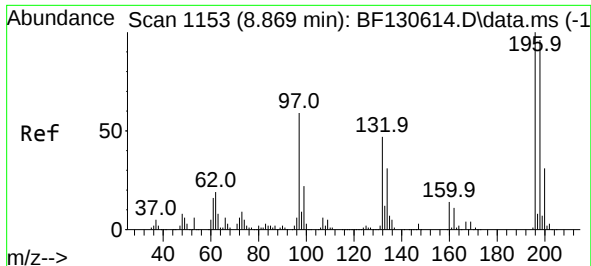
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#42
2,4,6-Tribromophenol
Concen: 45.992 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:330 Resp: 42991
Ion Ratio Lower Upper
330 100
332 103.3 84.2 126.4
141 35.0 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 20.459 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

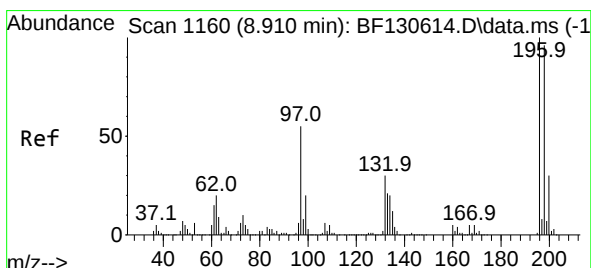
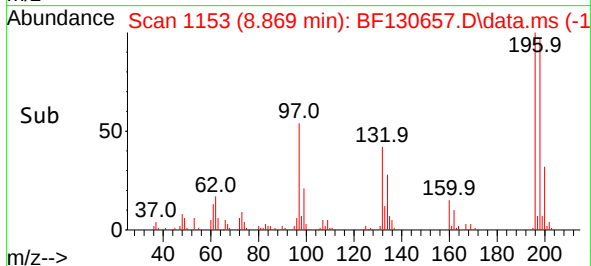
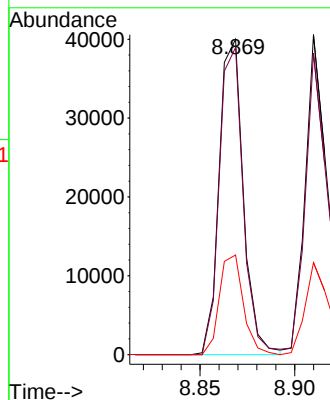
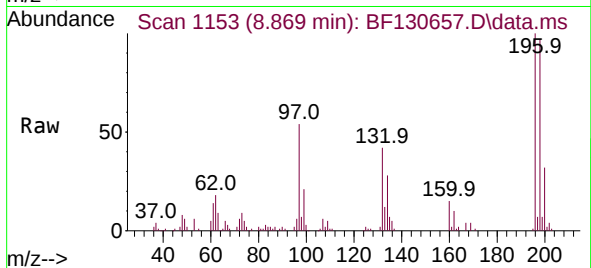
WC-3MSD

Tgt Ion:196 Resp: 35605
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#44

2,4,5-Trichlorophenol

Concen: 18.910 ng

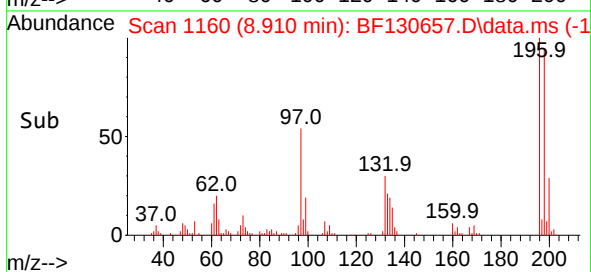
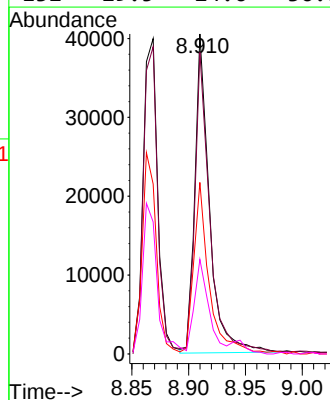
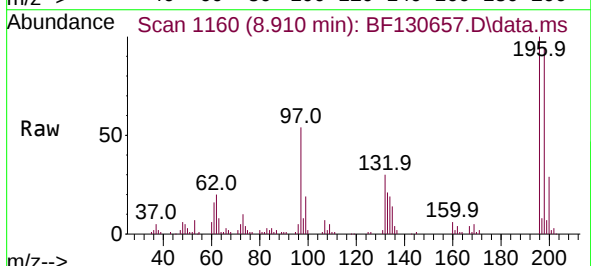
RT: 8.910 min Scan# 1160

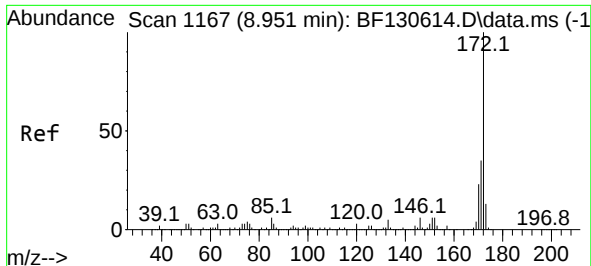
Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:196 Resp: 36191
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 53.6 44.3 66.5
 132 29.5 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 29.721 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130657.D

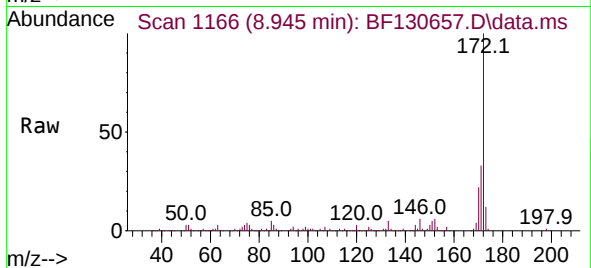
Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD



Tgt Ion:172 Resp: 18744

Ion Ratio Lower Upper

172 100

171 33.5 27.8 41.8

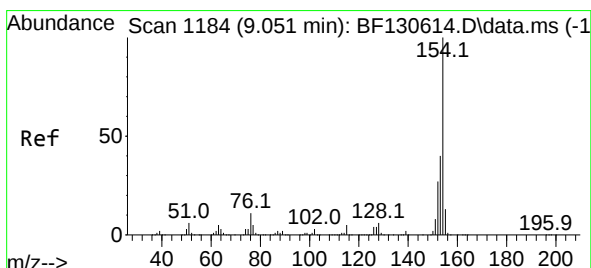
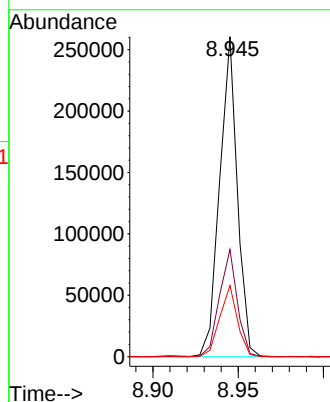
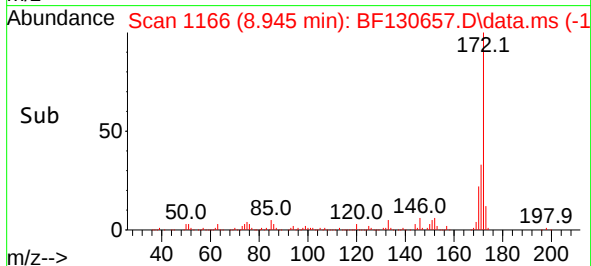
170 22.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#46

1,1'-Biphenyl

Concen: 23.648 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

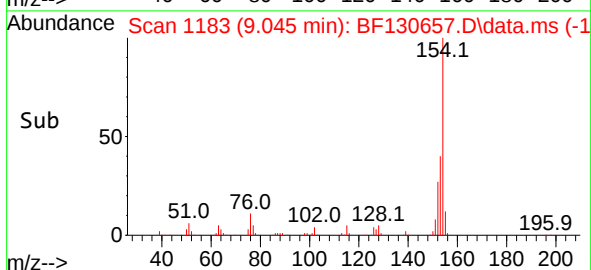
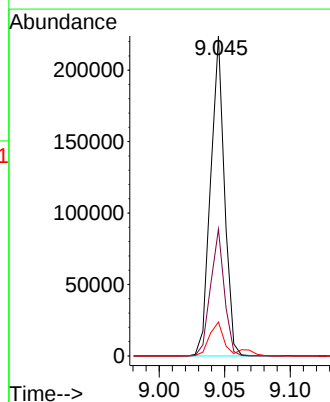
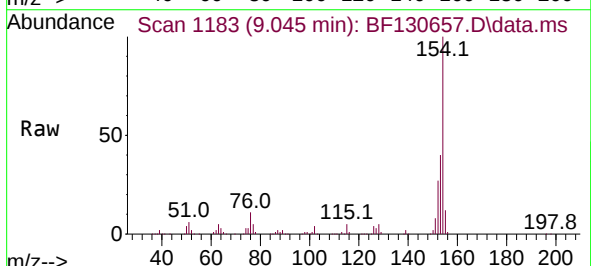
Tgt Ion:154 Resp: 163722

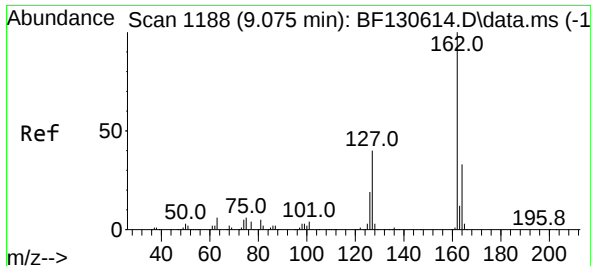
Ion Ratio Lower Upper

154 100

153 39.6 20.0 60.0

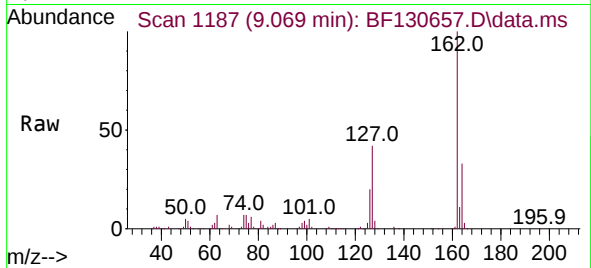
76 10.6 0.0 30.8





#47
2-Chloronaphthalene
Concen: 21.640 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

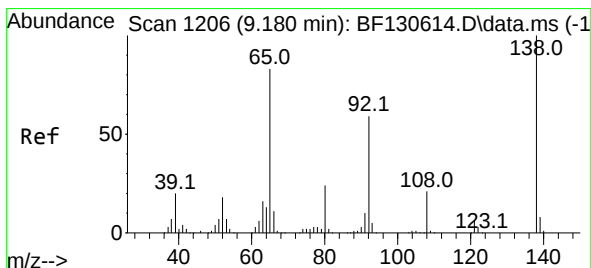
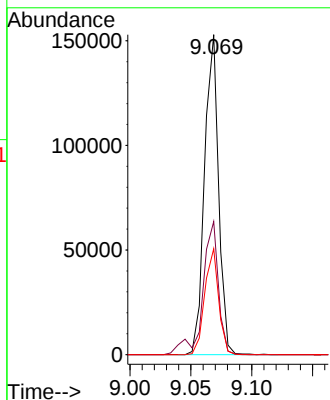
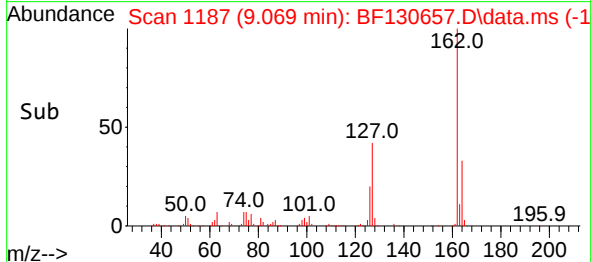
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



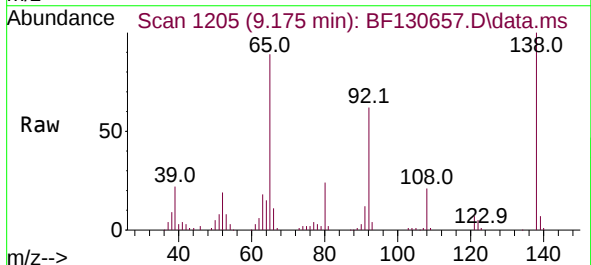
Tgt Ion:162 Resp: 122444
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 33.1 26.3 39.5

Manual Integrations
APPROVED

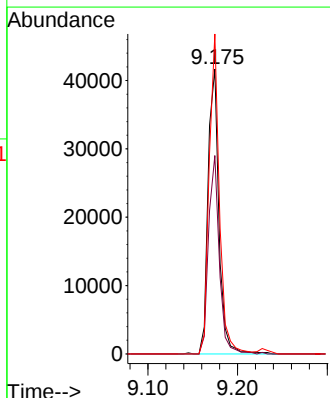
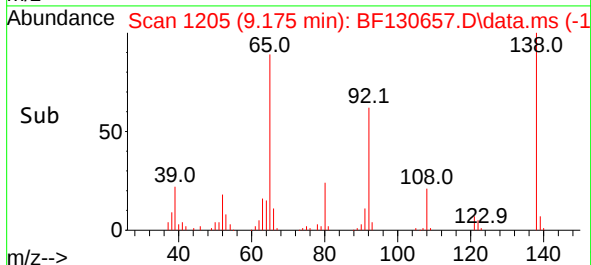
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

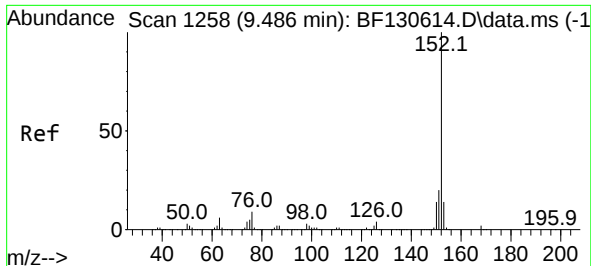


#48
2-Nitroaniline
Concen: 20.633 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



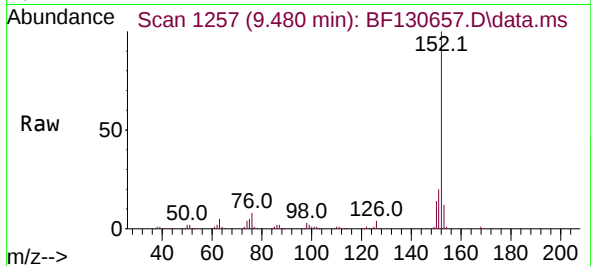
Tgt Ion: 65 Resp: 35145
Ion Ratio Lower Upper
65 100
92 69.6 57.4 86.0
138 112.3 96.7 145.1





#49
Acenaphthylene
Concen: 21.234 ng
RT: 9.480 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

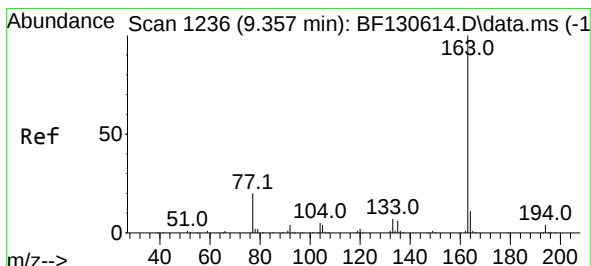
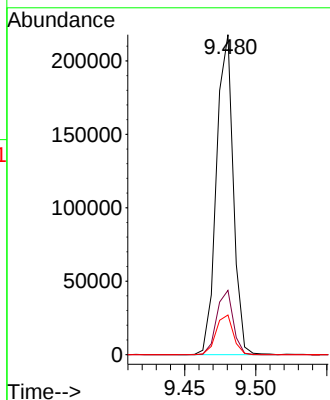
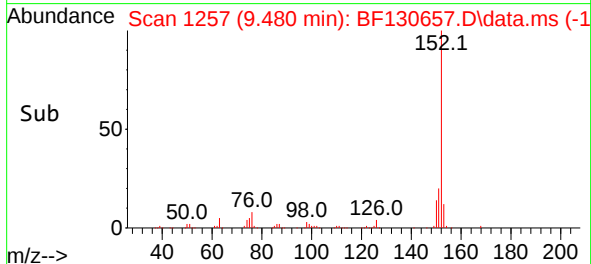
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



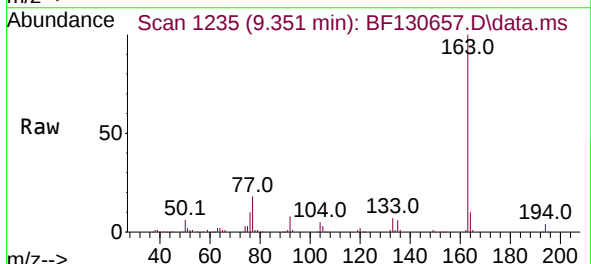
Tgt Ion:152 Resp: 180023
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.4 10.8 16.2

Manual Integrations
APPROVED

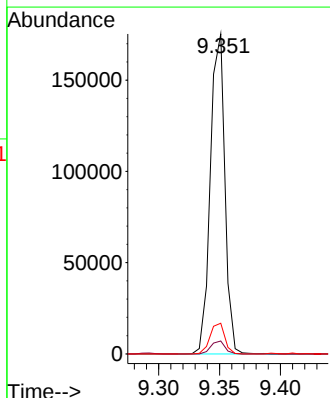
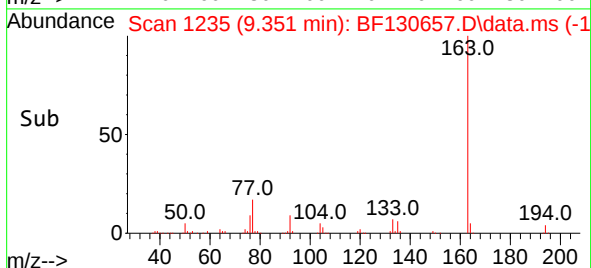
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

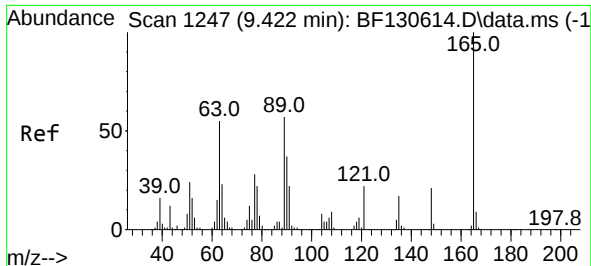


#50
Dimethylphthalate
Concen: 21.977 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:163 Resp: 145334
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.6 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 19.827 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

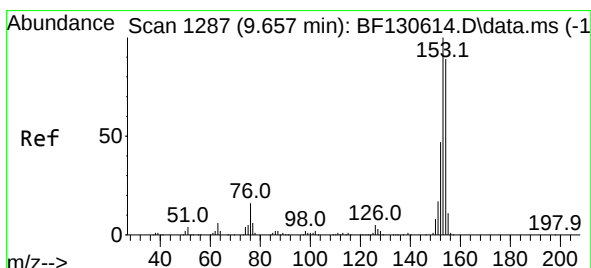
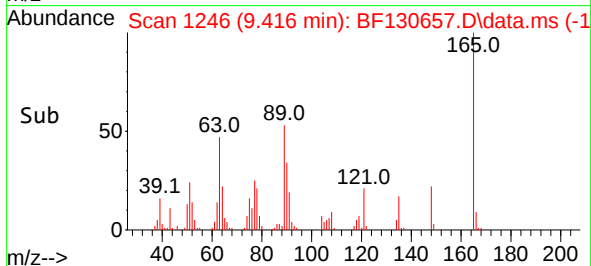
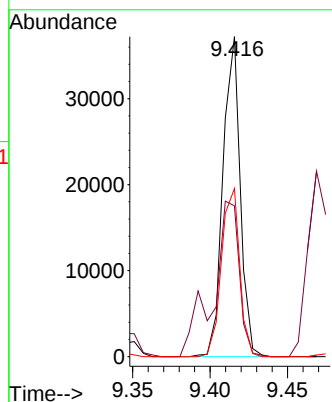
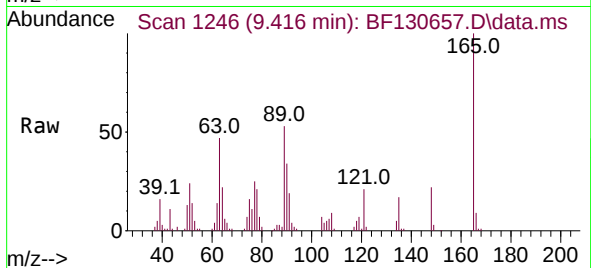
WC-3MSD

Tgt Ion:165 Resp: 28763
 Ion Ratio Lower Upper
 165 100
 63 47.2 45.3 67.9
 89 52.5 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#52

Acenaphthene

Concen: 20.605 ng

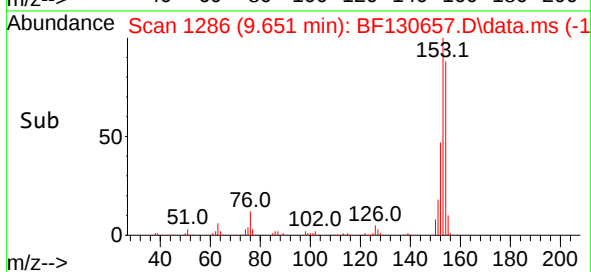
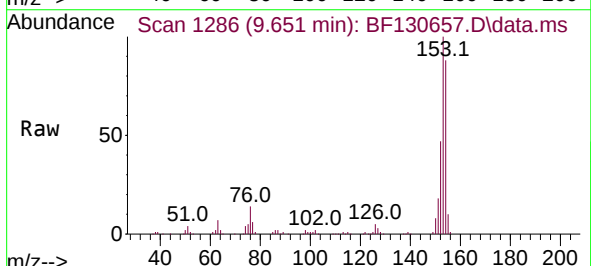
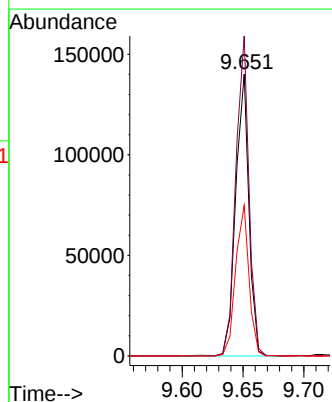
RT: 9.651 min Scan# 1286

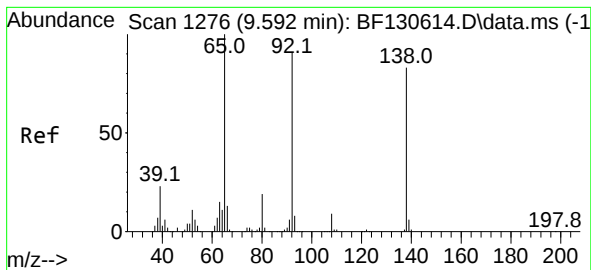
Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:154 Resp: 105837
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.6 134.4
 152 53.4 42.4 63.6





#53

3-Nitroaniline

Concen: 18.004 ng

RT: 9.580 min Scan# 1276

Delta R.T. -0.012 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:138 Resp: 28628

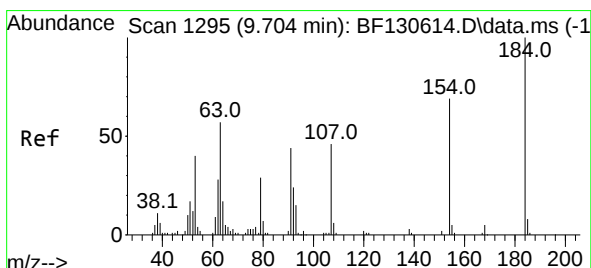
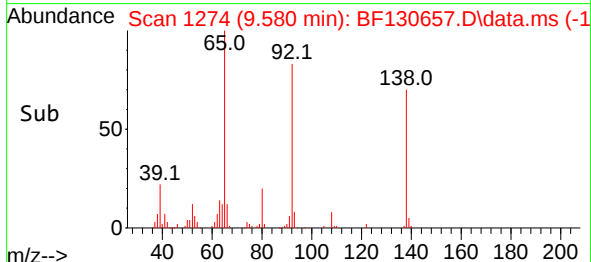
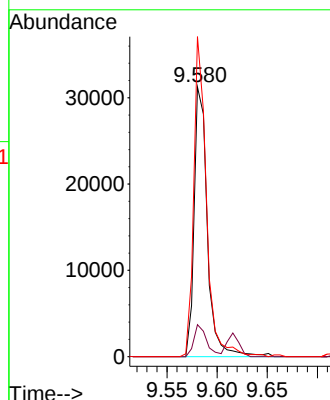
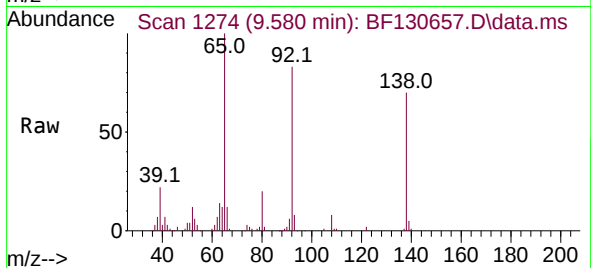
Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.4	12.6
92	118.7	88.2	132.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#54

2,4-Dinitrophenol

Concen: 6.576 ng

RT: 9.716 min Scan# 1297

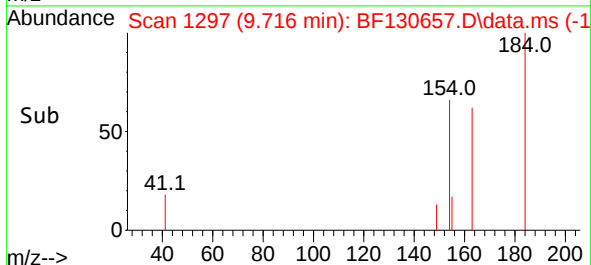
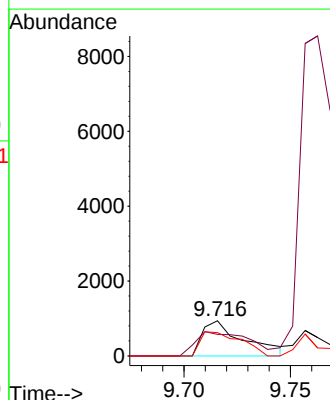
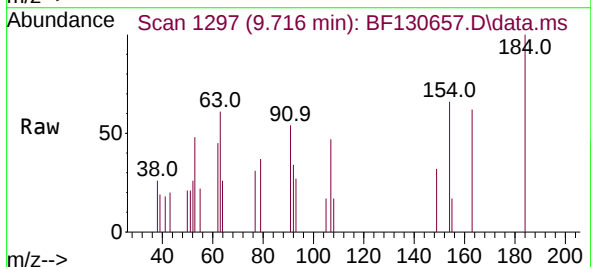
Delta R.T. 0.012 min

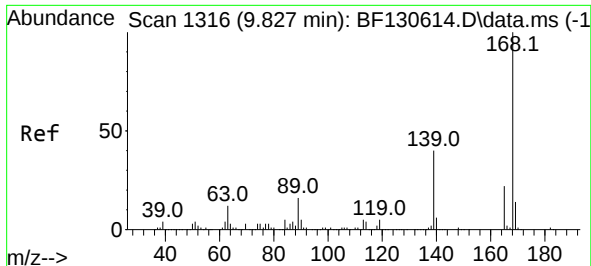
Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:184 Resp: 1263

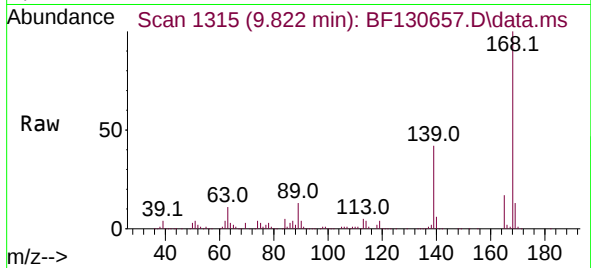
Ion	Ratio	Lower	Upper
184	100		
63	61.2	45.5	68.3
154	66.2	55.1	82.7





#55
Dibenzofuran
Concen: 20.897 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

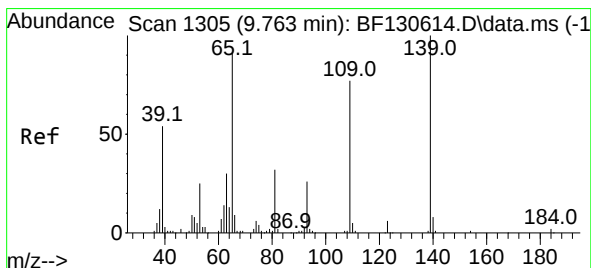
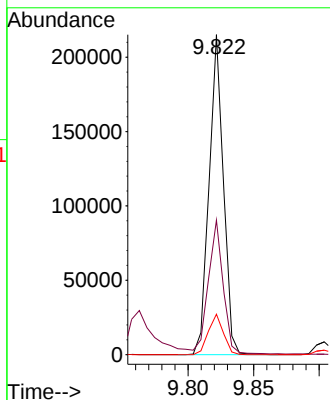
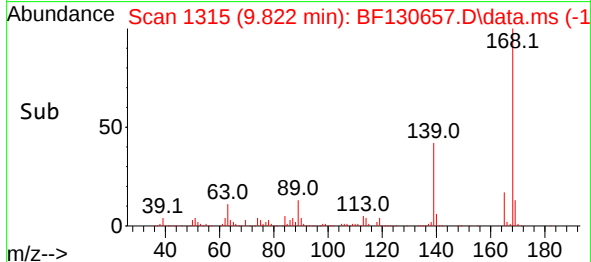
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:168 Resp: 163520
Ion Ratio Lower Upper
168 100
139 42.0 33.0 49.4
169 12.6 10.9 16.3

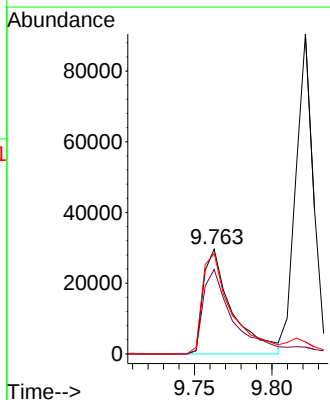
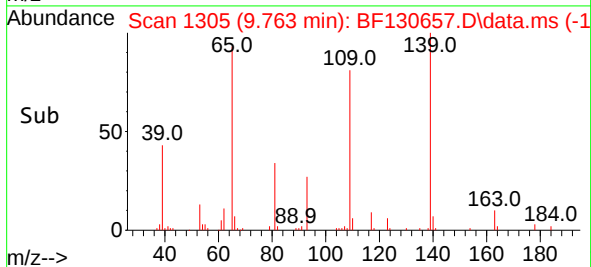
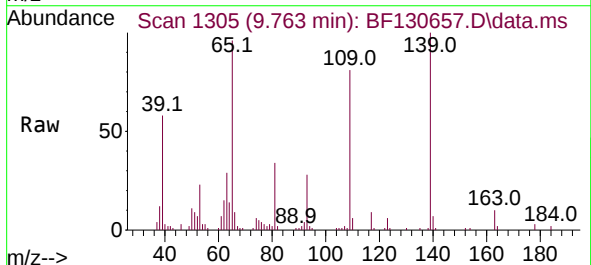
Manual Integrations
APPROVED

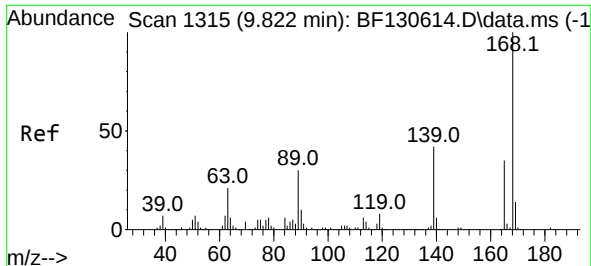
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#56
4-Nitrophenol
Concen: 43.645 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

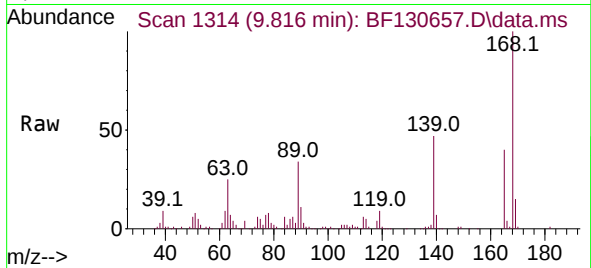
Tgt Ion:139 Resp: 38265
Ion Ratio Lower Upper
139 100
109 80.6 57.4 97.4
65 95.8 71.3 111.3





#57
2,4-Dinitrotoluene
Concen: 19.359 ng
RT: 9.816 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

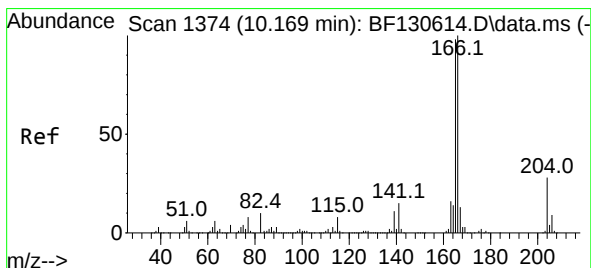
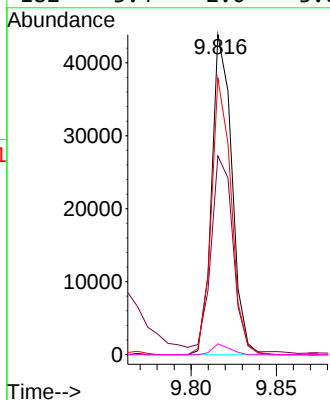
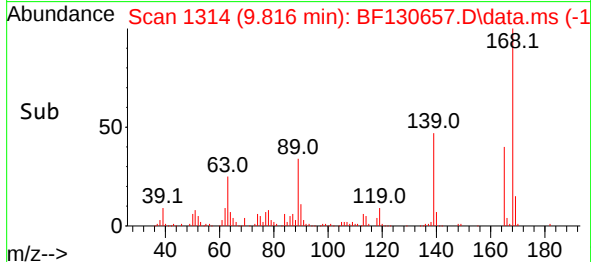
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:165 Resp: 36091
Ion Ratio Lower Upper
165 100
63 62.1 50.6 76.0
89 86.4 68.6 102.8
182 3.4 2.0 3.0#

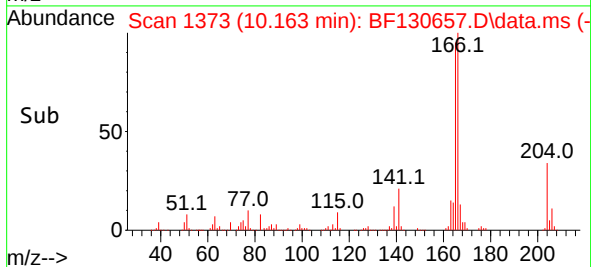
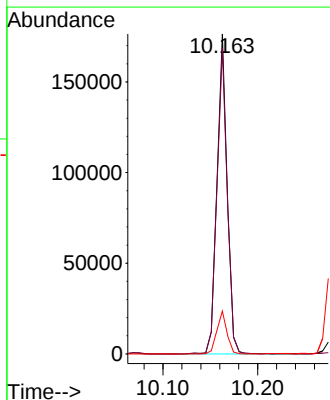
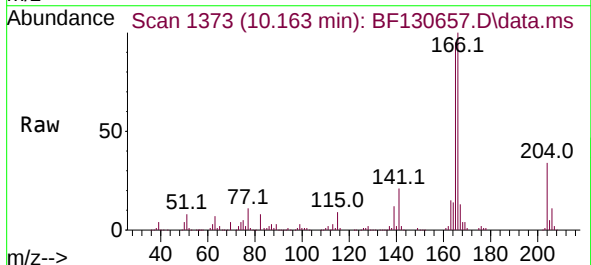
Manual Integrations
APPROVED

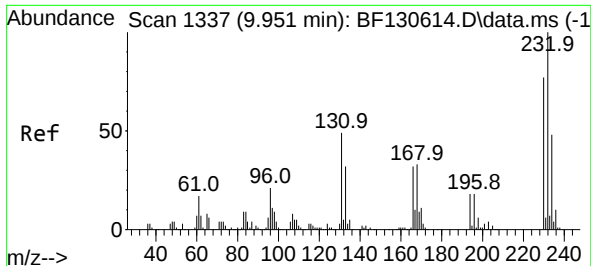
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#58
Fluorene
Concen: 20.372 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

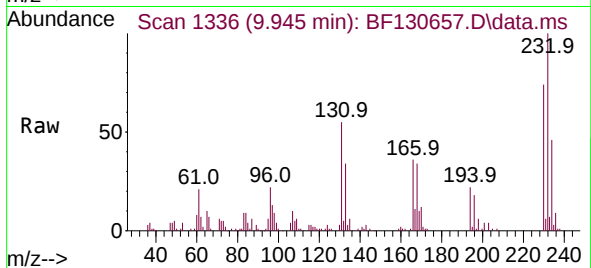
Tgt Ion:166 Resp: 131056
Ion Ratio Lower Upper
166 100
165 95.5 78.2 117.4
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.008 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

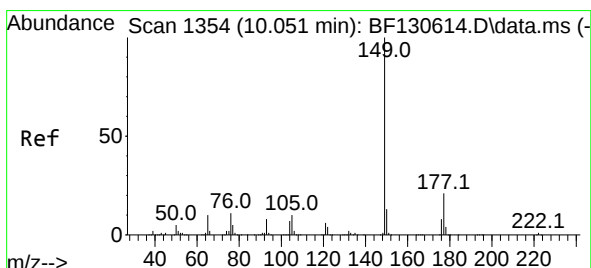
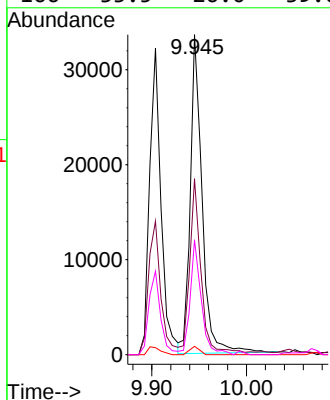
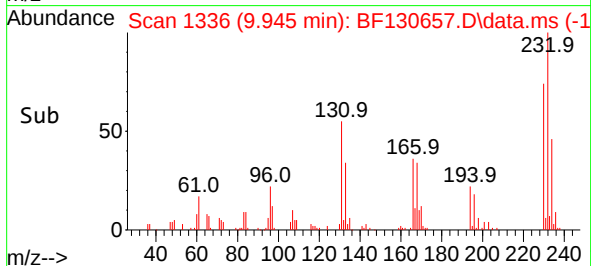
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



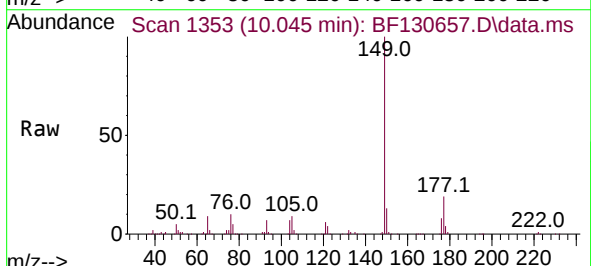
Tgt Ion:232 Resp: 29002
Ion Ratio Lower Upper
232 100
131 51.1 41.4 62.0
130 2.1 2.1 3.1
166 33.5 26.0 39.0

Manual Integrations
APPROVED

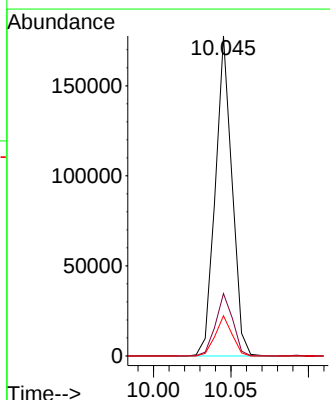
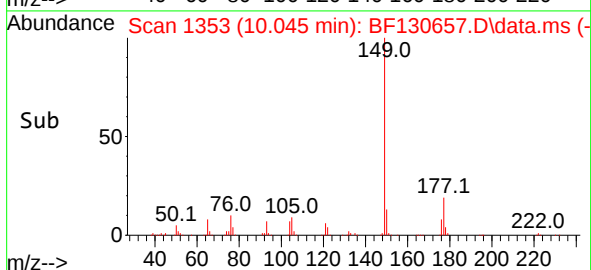
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

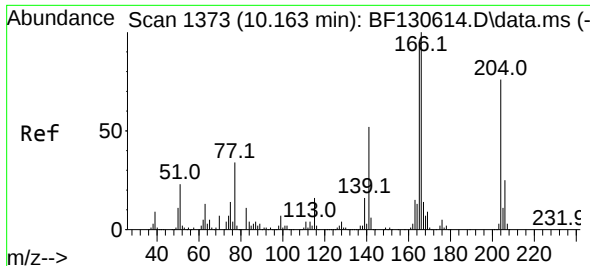


#60
Diethylphthalate
Concen: 20.297 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



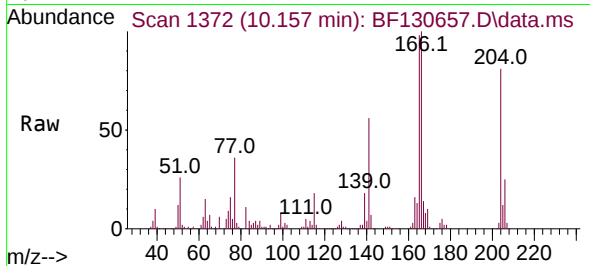
Tgt Ion:149 Resp: 133916
Ion Ratio Lower Upper
149 100
177 19.5 16.7 25.1
150 12.5 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 20.630 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

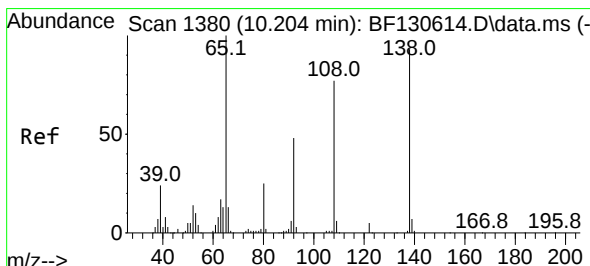
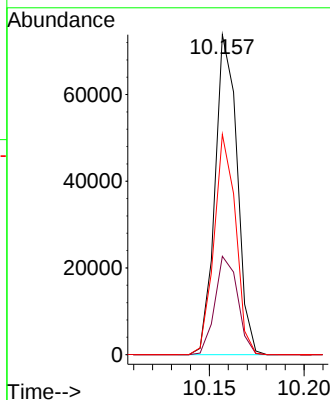
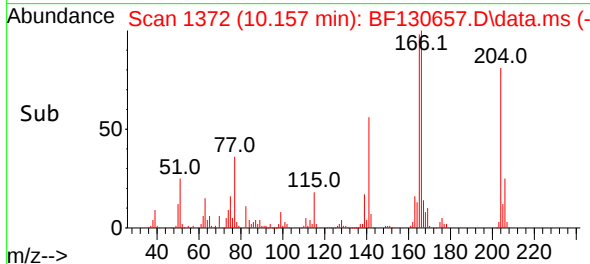
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



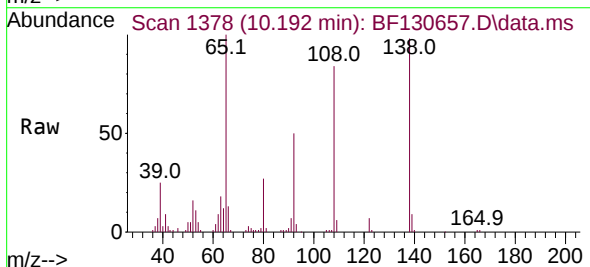
Tgt Ion:204 Resp: 6000
Ion Ratio Lower Upper
204 100
206 30.8 26.1 39.1
141 68.8 54.6 81.8

Manual Integrations
APPROVED

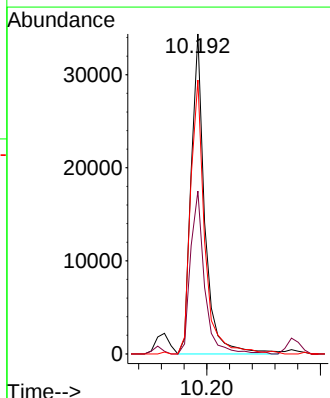
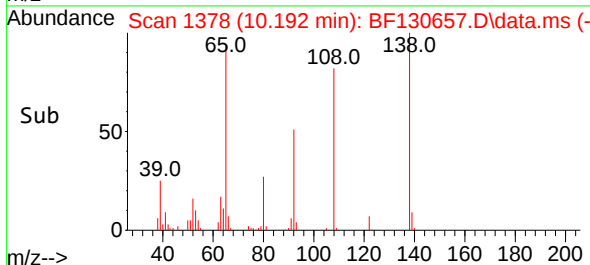
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

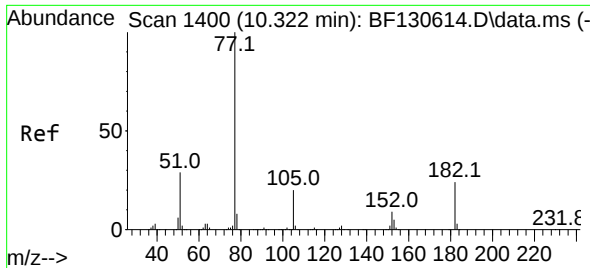


#62
4-Nitroaniline
Concen: 18.909 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



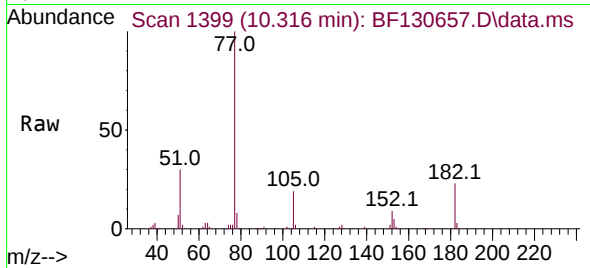
Tgt Ion:138 Resp: 28706
Ion Ratio Lower Upper
138 100
92 50.9 31.1 71.1
108 85.6 62.1 102.1





#63
Azobenzene
Concen: 18.578 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

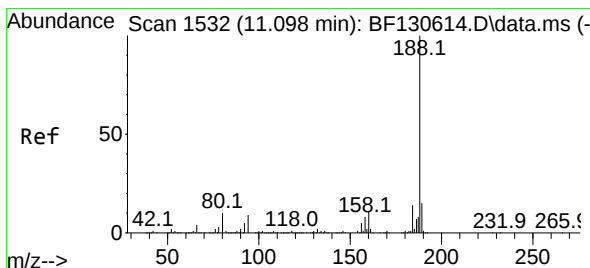
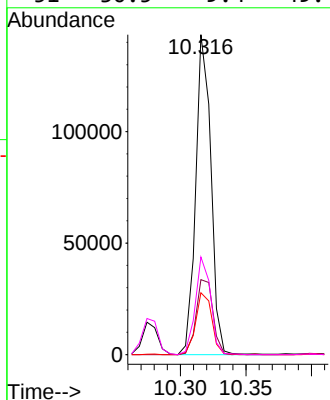
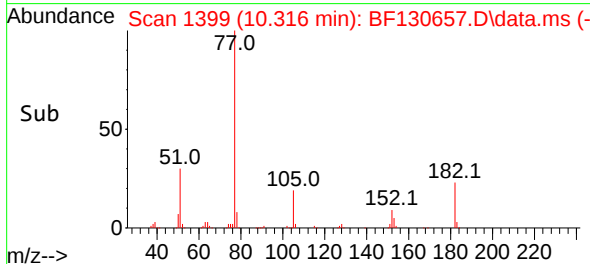
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



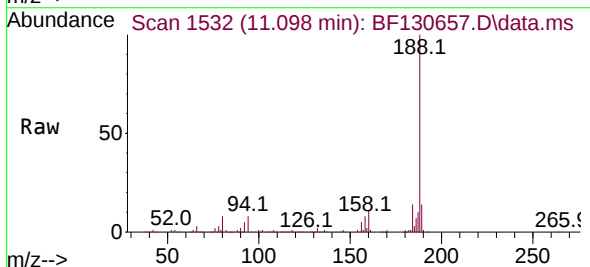
Tgt Ion: 77 Resp: 115454
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 19.3 0.3 40.3
51 30.5 9.4 49.4

Manual Integrations
APPROVED

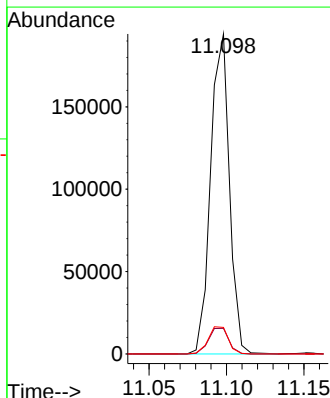
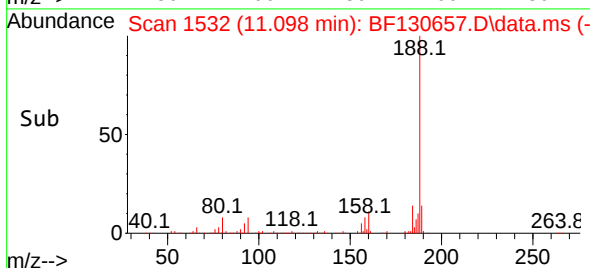
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

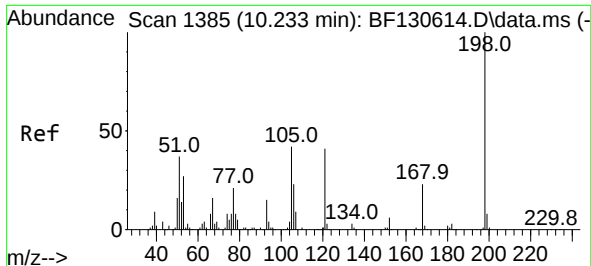


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



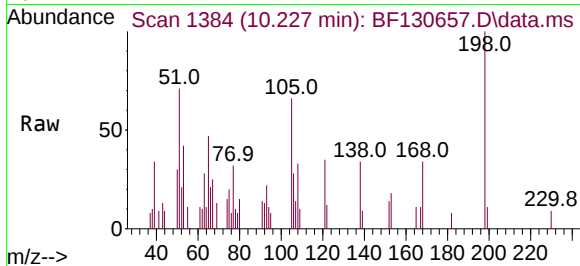
Tgt Ion:188 Resp: 163425
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 2.016 ng m
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

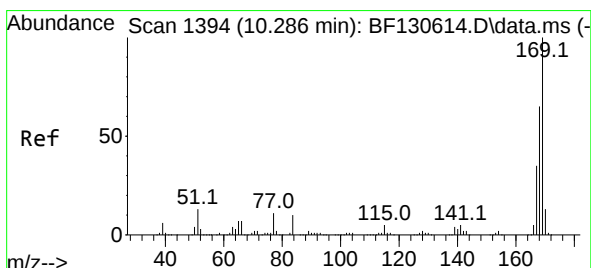
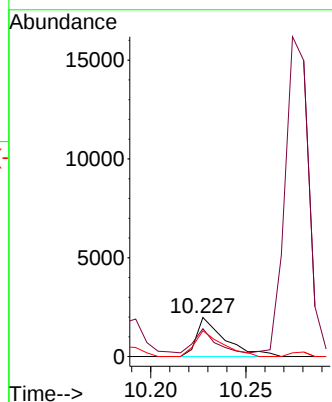
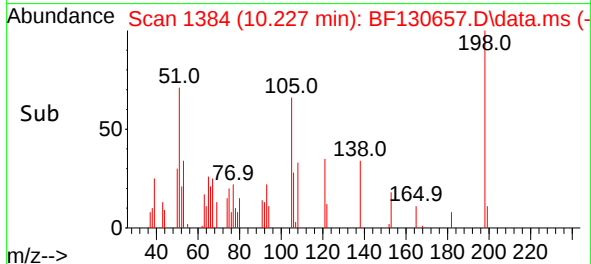
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



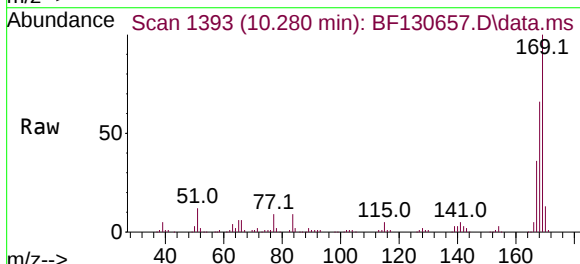
Tgt Ion:198 Resp: 2059
Ion Ratio Lower Upper
198 100
51 71.5 18.7 58.7
105 66.2 22.0 62.0

Manual Integrations
APPROVED

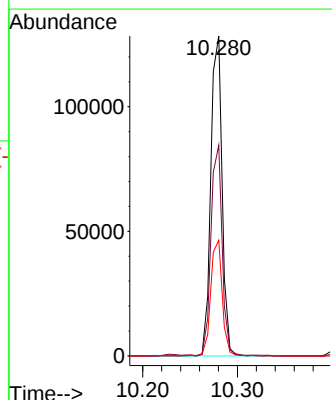
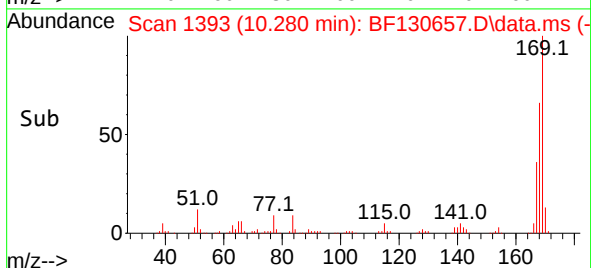
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

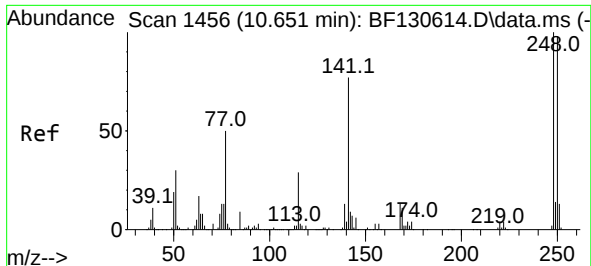


#66
n-Nitrosodiphenylamine
Concen: 19.688 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



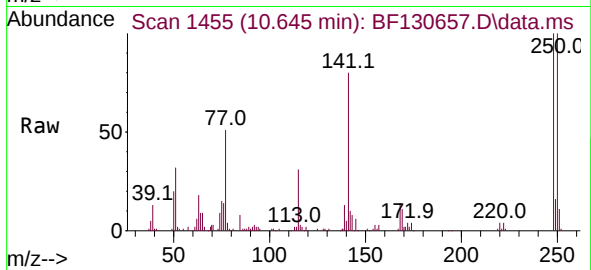
Tgt Ion:169 Resp: 107029
Ion Ratio Lower Upper
169 100
168 65.8 52.2 78.4
167 36.2 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 20.556 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

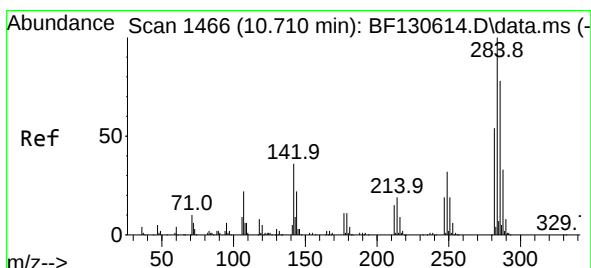
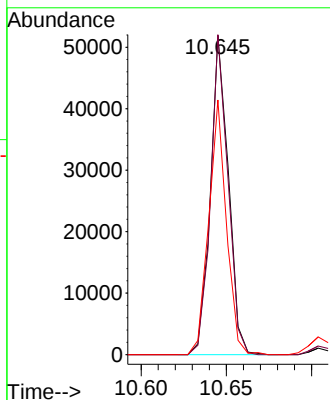
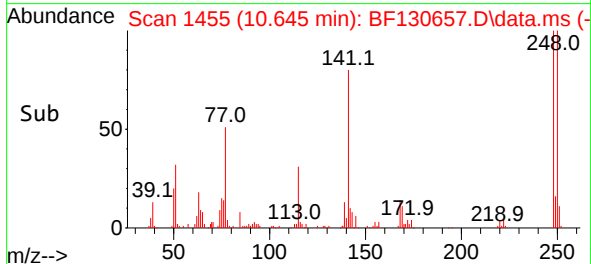
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



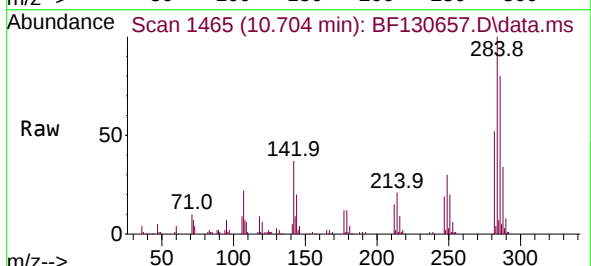
Tgt Ion:248 Resp: 3801
Ion Ratio Lower Upper
248 100
250 100.2 78.7 118.1
141 79.7 61.6 92.4

Manual Integrations
APPROVED

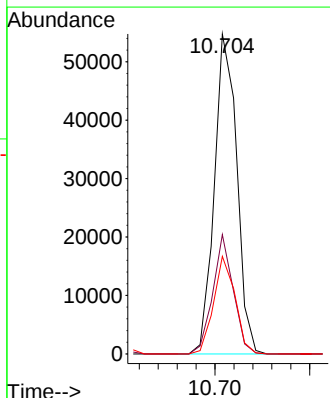
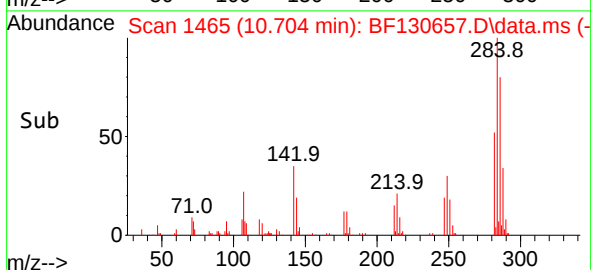
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

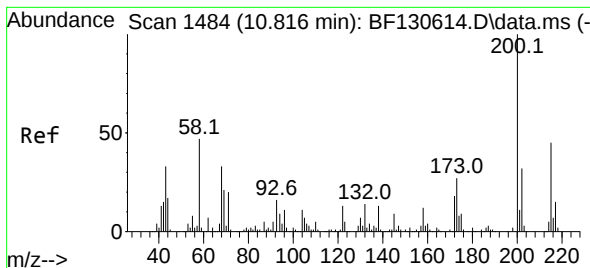


#68
Hexachlorobenzene
Concen: 21.489 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:284 Resp: 44920
Ion Ratio Lower Upper
284 100
142 37.3 28.6 42.8
249 30.5 25.2 37.8





#69

Atrazine

Concen: 25.086 ng

RT: 10.810 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

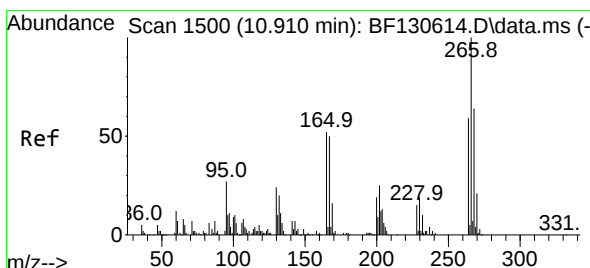
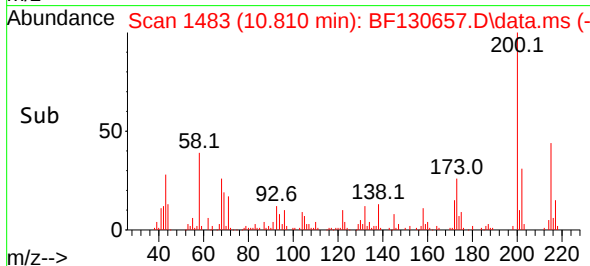
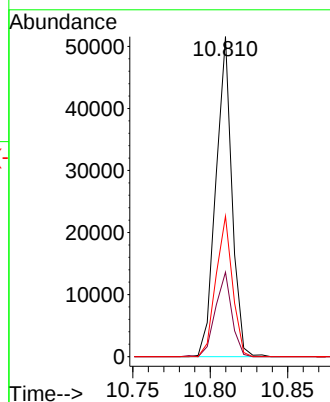
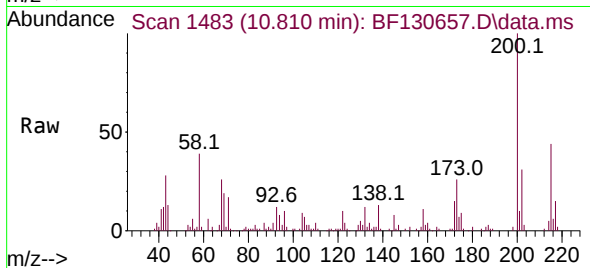
WC-3MSD

Tgt Ion:200 Resp: 37134
 Ion Ratio Lower Upper
 200 100
 173 26.4 7.1 47.1
 215 43.9 24.9 64.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#70

Pentachlorophenol

Concen: 47.917 ng

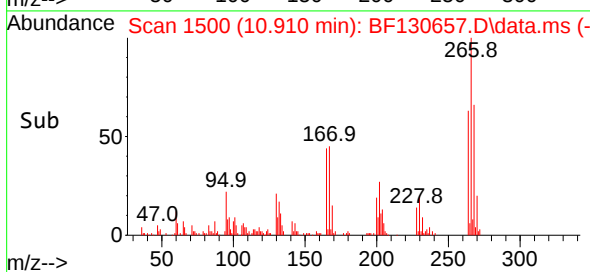
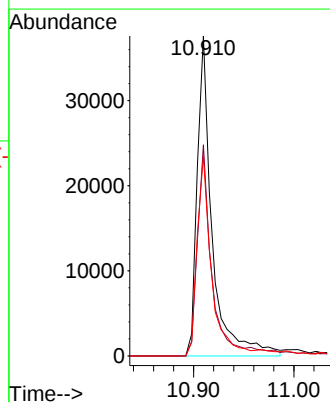
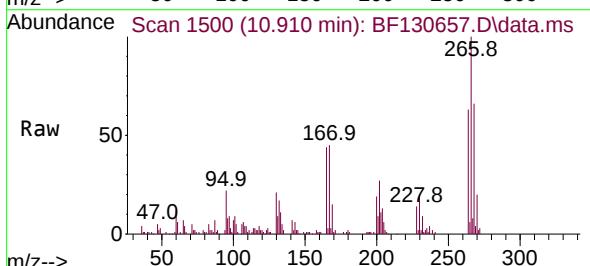
RT: 10.910 min Scan# 1500

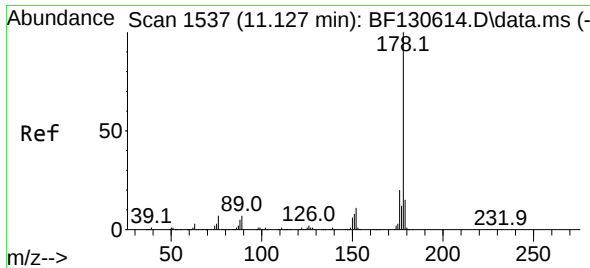
Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Tgt Ion:266 Resp: 38983
 Ion Ratio Lower Upper
 266 100
 268 66.0 50.8 76.2
 264 62.6 47.5 71.3





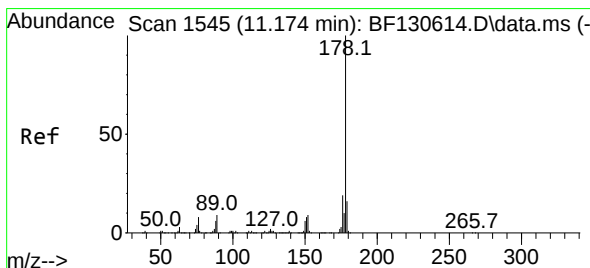
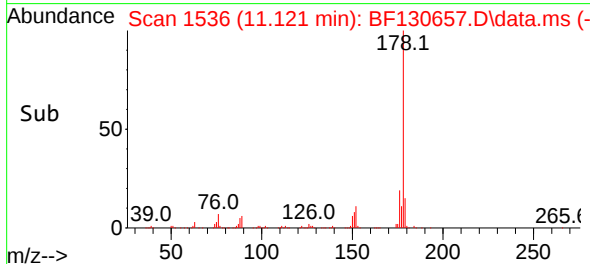
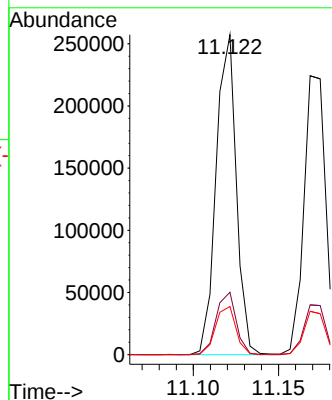
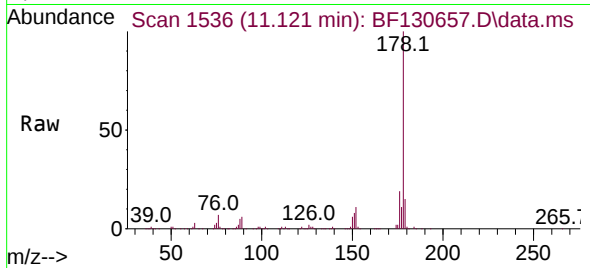
#71
Phenanthrene
Concen: 23.414 ng
RT: 11.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:178 Resp: 211997
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.0 12.2 18.4

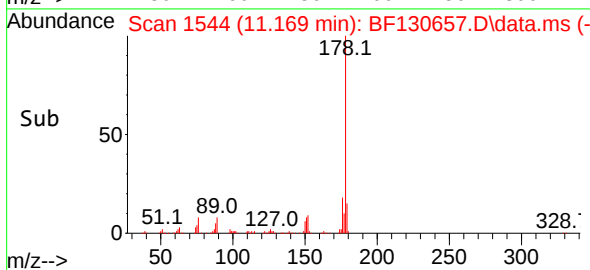
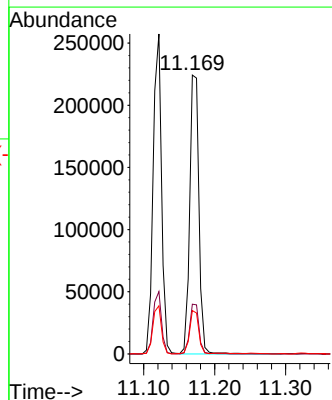
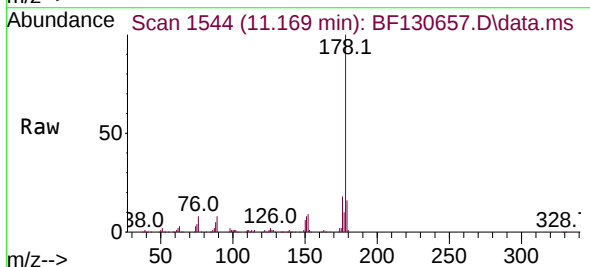
Manual Integrations
APPROVED

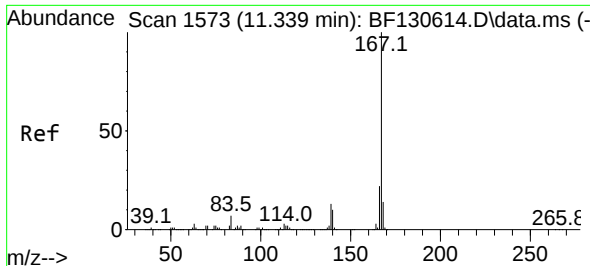
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#72
Anthracene
Concen: 23.009 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

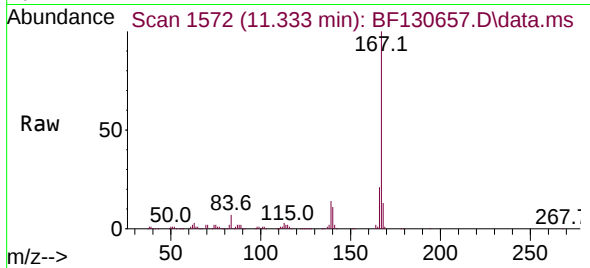
Tgt Ion:178 Resp: 203462
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 23.762 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. -0.006 min
 Lab File: BF130657.D
 Acq: 13 Oct 2022 20:39

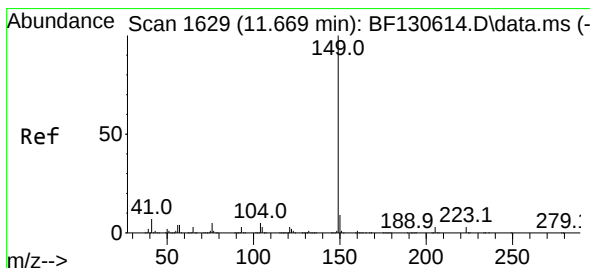
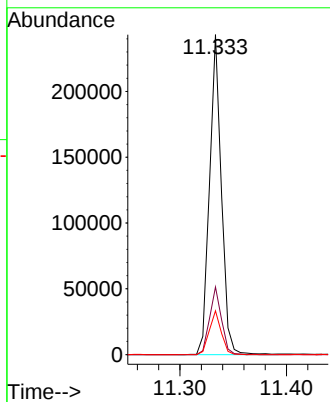
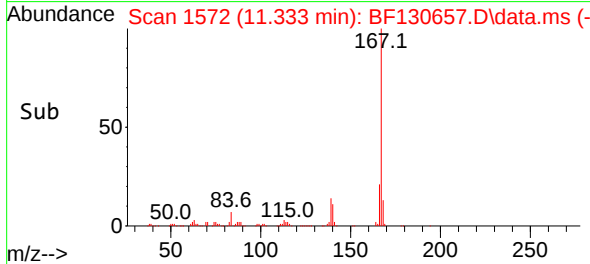
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



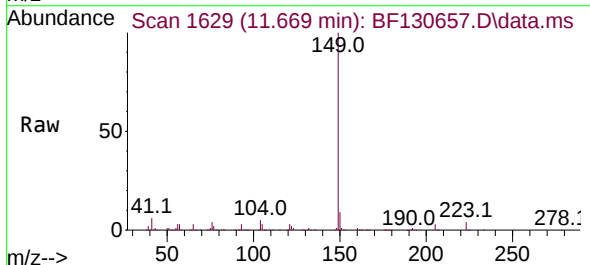
Tgt Ion:167 Resp: 187499
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 13.7 10.7 16.1

Manual Integrations
 APPROVED

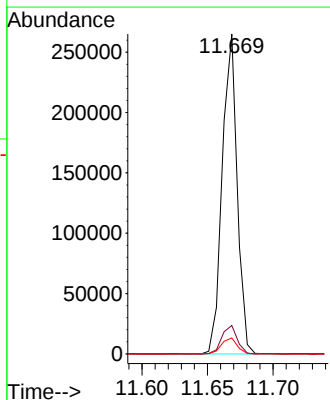
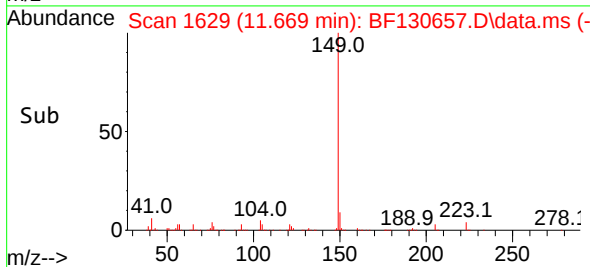
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022

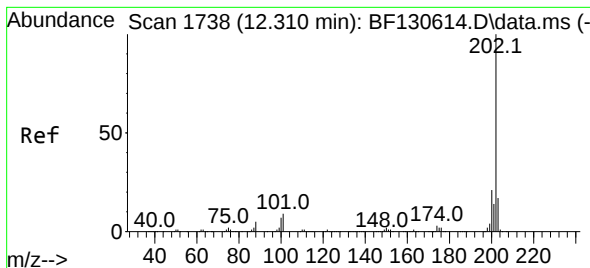


#74
 Di-n-butylphthalate
 Concen: 22.029 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: BF130657.D
 Acq: 13 Oct 2022 20:39



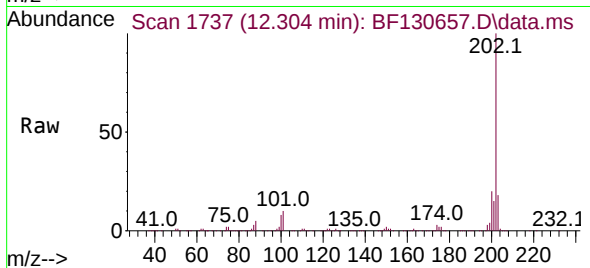
Tgt Ion:149 Resp: 210554
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 31.683 ng
RT: 12.304 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

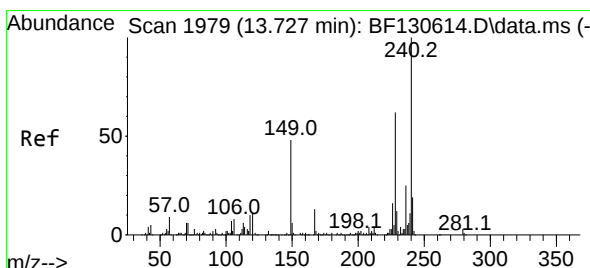
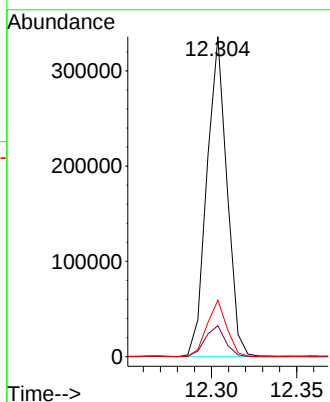
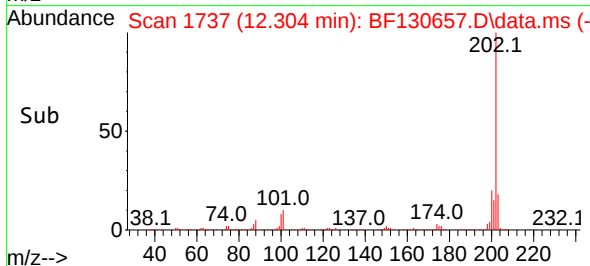
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:202 Resp: 27570
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.1
203 17.6 0.0 37.3

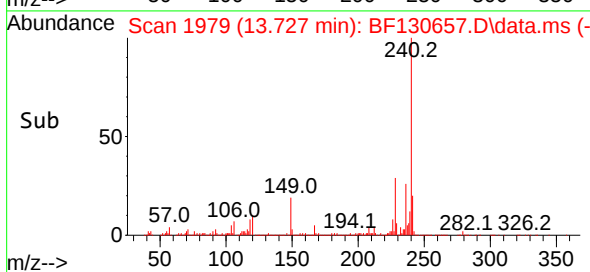
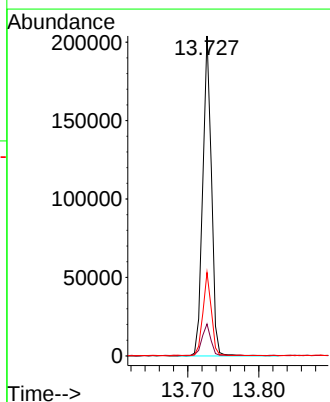
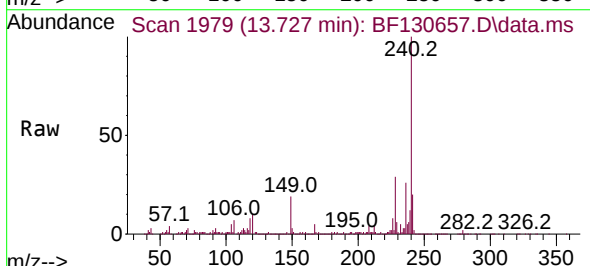
Manual Integrations
APPROVED

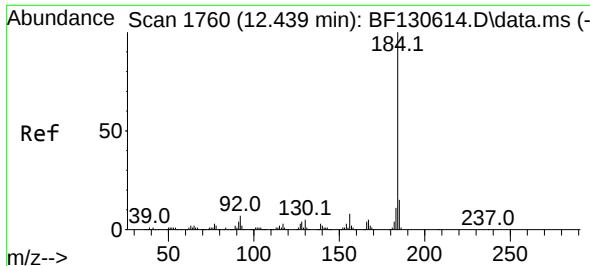
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

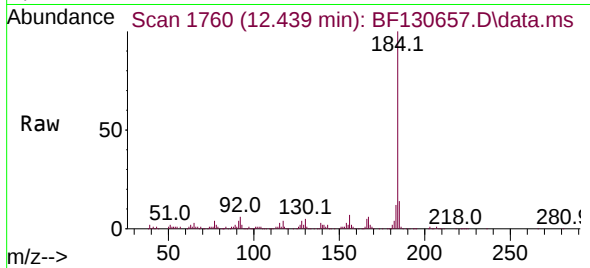
Tgt Ion:240 Resp: 172136
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.1 20.2 30.4





#77
Benzidine
Concen: 18.834 ng
RT: 12.439 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

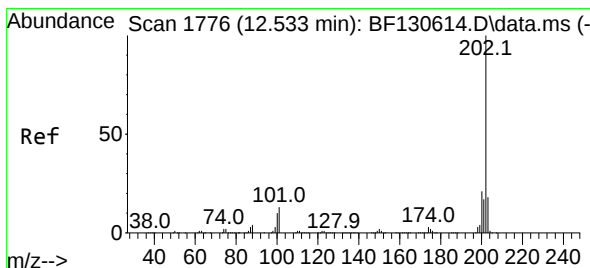
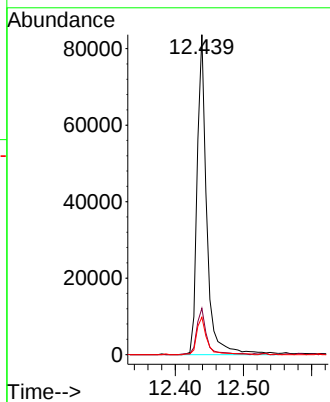
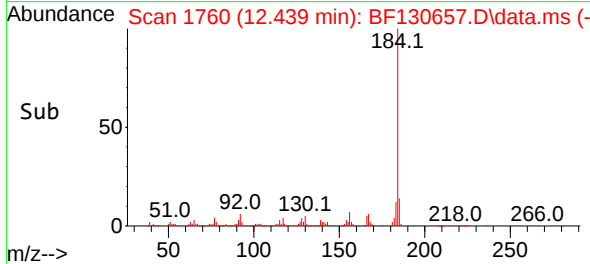
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:184 Resp: 81944
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.7 9.0 13.4

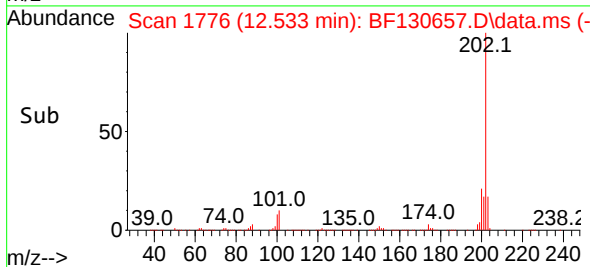
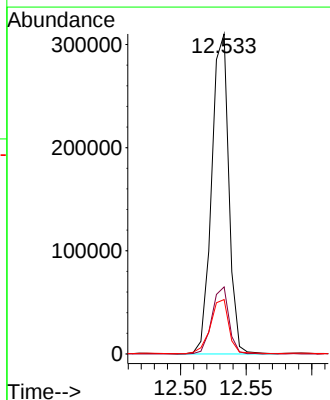
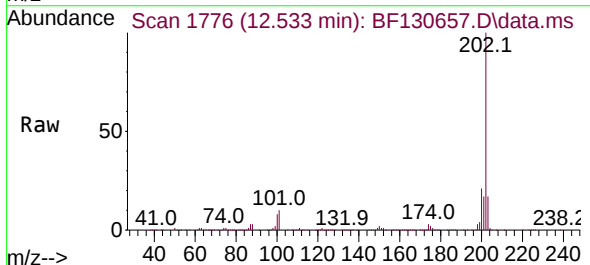
Manual Integrations
APPROVED

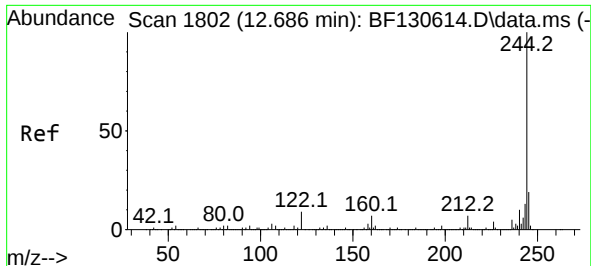
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#78
Pyrene
Concen: 19.037 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

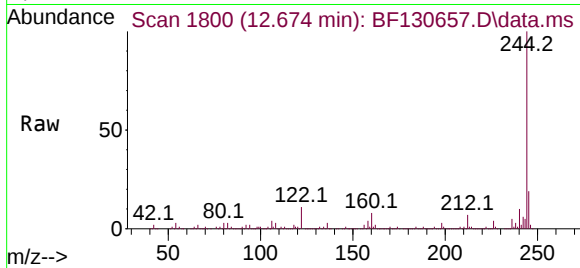
Tgt Ion:202 Resp: 282706
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 21.399 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130657.D
 Acq: 13 Oct 2022 20:39

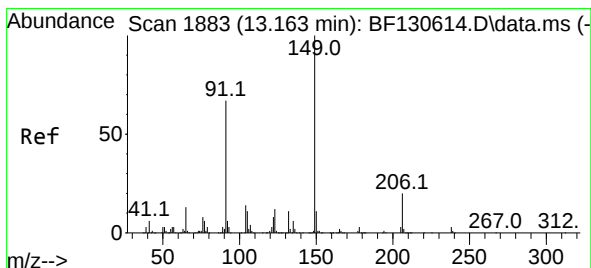
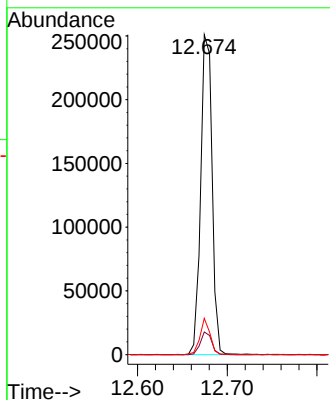
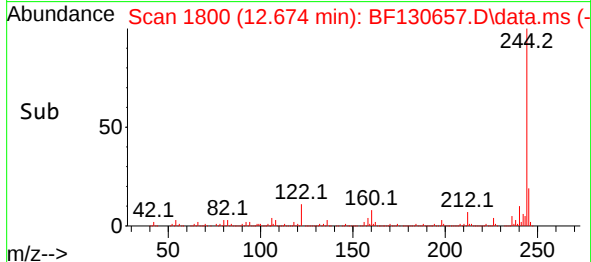
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



Tgt Ion:244 Resp: 22194
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.3 7.5 11.3

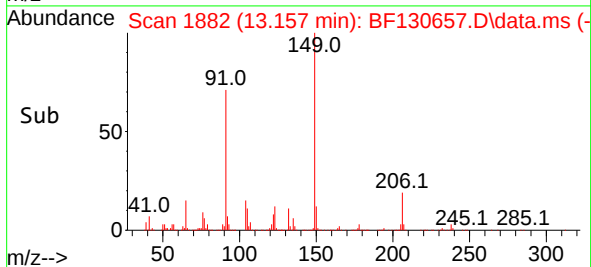
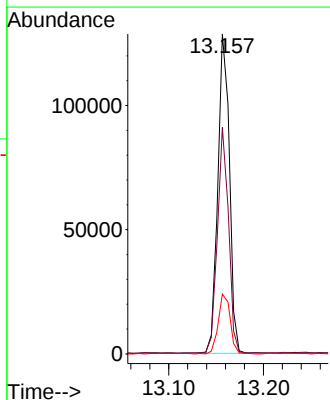
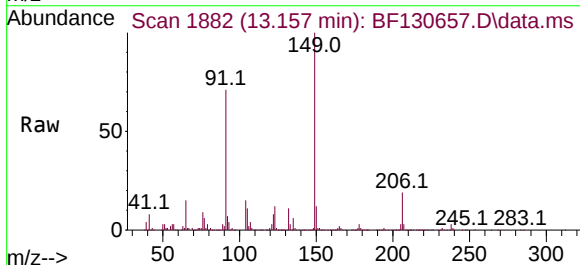
Manual Integrations
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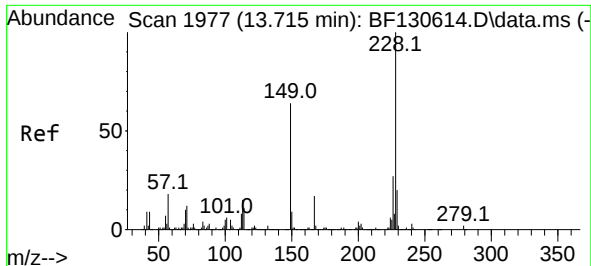
Reviewed By :Christian Giraldo 10/14/2022
 Supervised By :Jagrut Upadhyay 10/14/2022



#80
 Butylbenzylphthalate
 Concen: 19.122 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF130657.D
 Acq: 13 Oct 2022 20:39

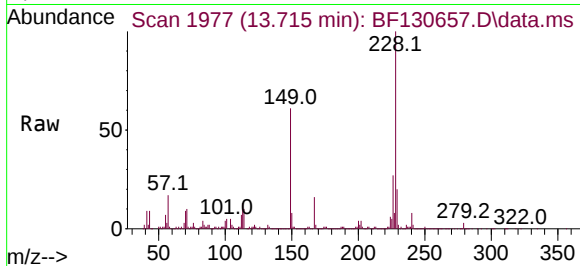
Tgt Ion:149 Resp: 109193
 Ion Ratio Lower Upper
 149 100
 91 70.8 53.8 80.8
 206 18.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 22.120 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

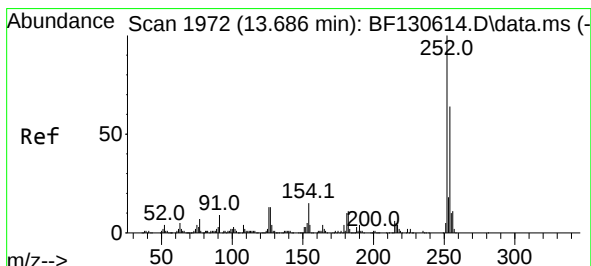
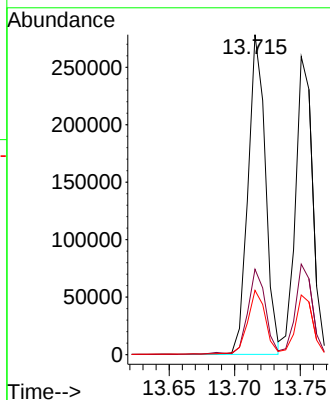
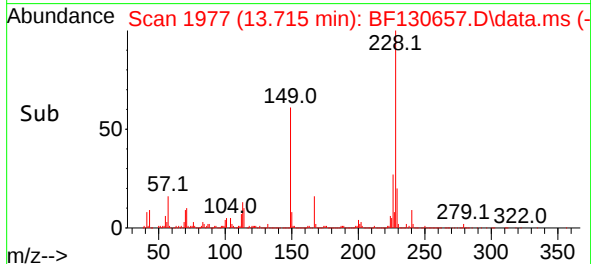
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



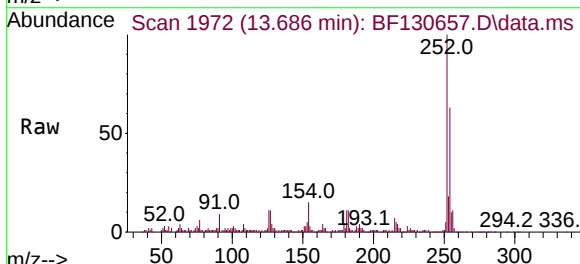
Tgt Ion:228 Resp: 256563
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 20.1 15.8 23.8

Manual Integrations
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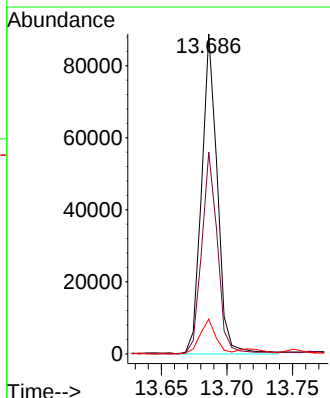
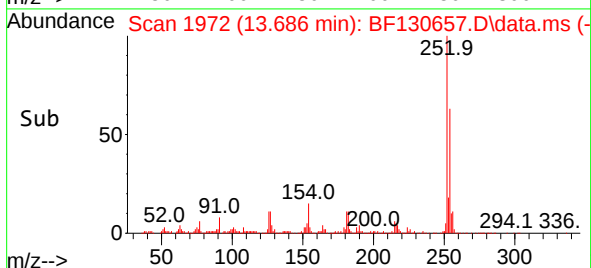
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

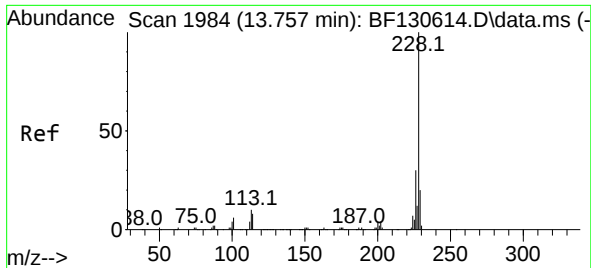


#82
3,3'-Dichlorobenzidine
Concen: 22.046 ng
RT: 13.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:252 Resp: 73893
Ion Ratio Lower Upper
252 100
254 63.1 50.9 76.3
126 10.9 10.2 15.4





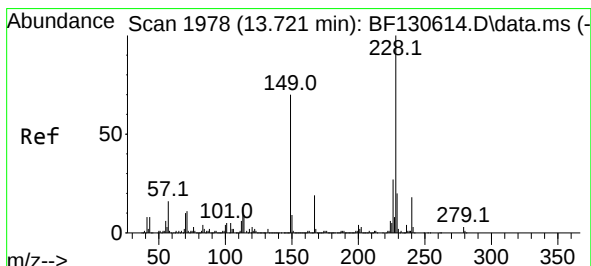
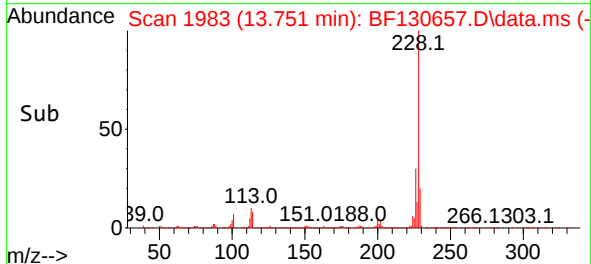
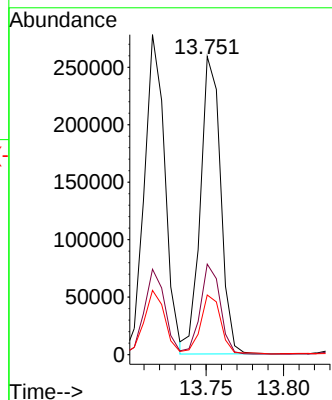
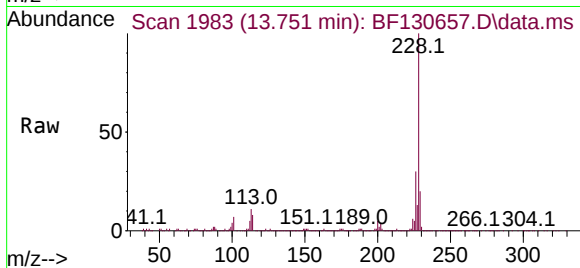
#83
Chrysene
Concen: 21.290 ng
RT: 13.751 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:228 Resp: 234126
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 20.0 15.9 23.9

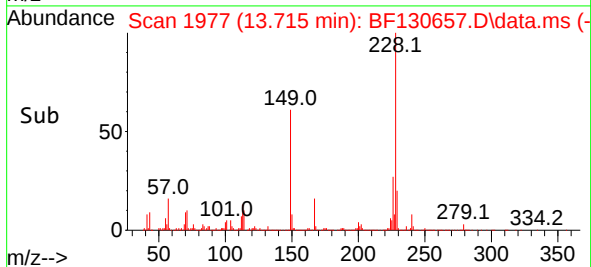
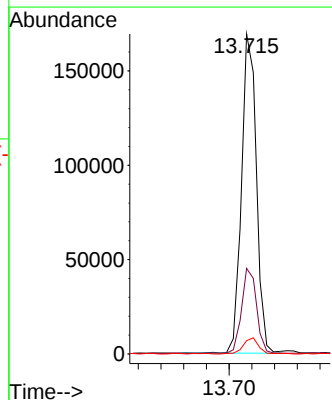
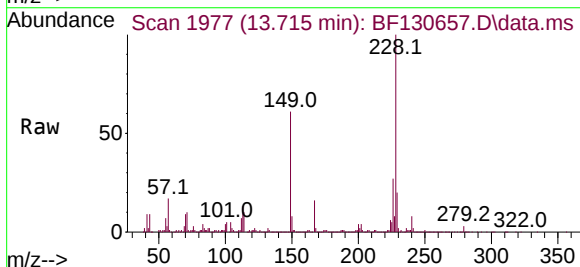
Manual Integrations
APPROVED

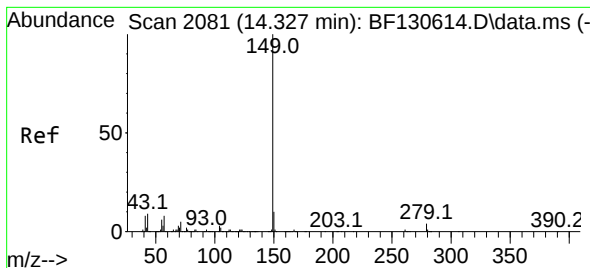
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.276 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

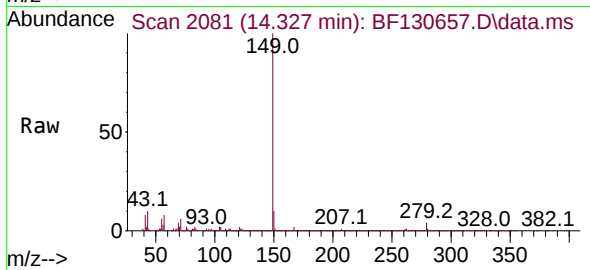
Tgt Ion:149 Resp: 154209
Ion Ratio Lower Upper
149 100
167 26.7 21.9 32.9
279 4.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 24.245 ng
RT: 14.327 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

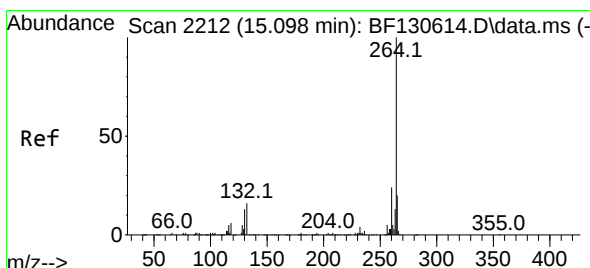
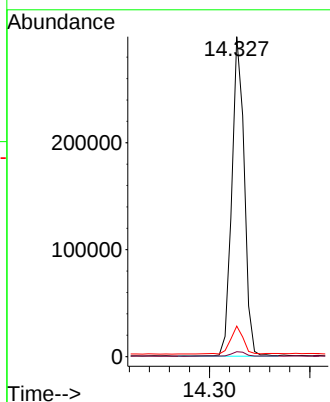
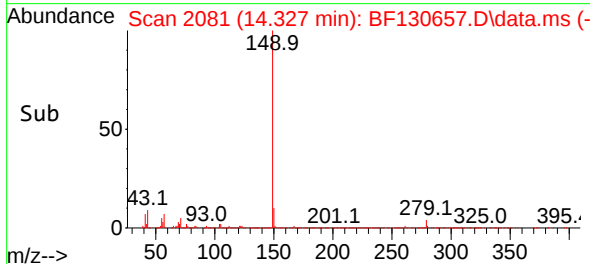
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



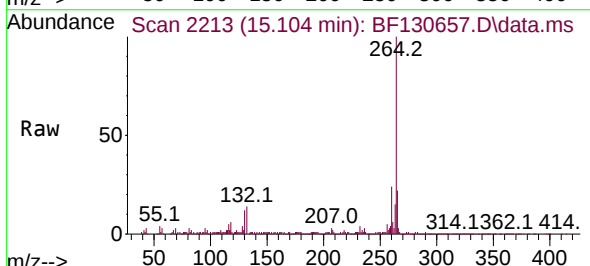
Tgt Ion:149 Resp: 257054
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 7.2 10.8

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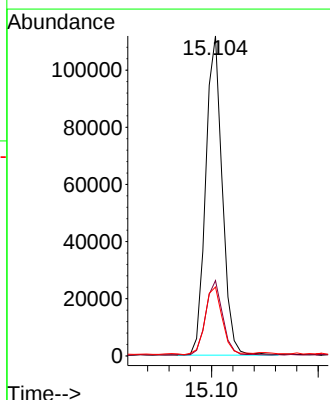
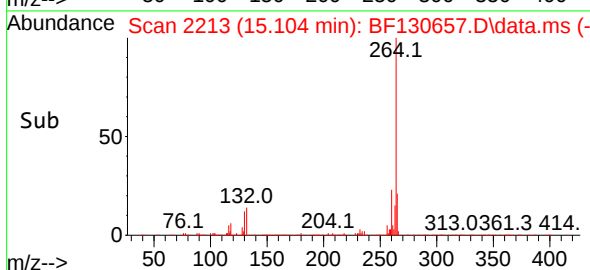
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

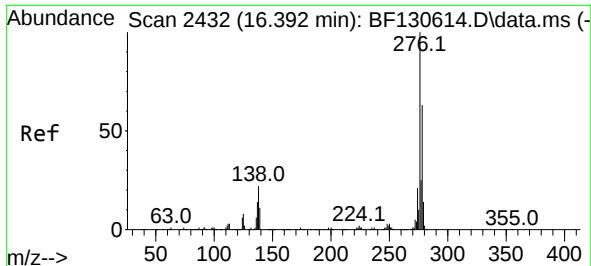


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:264 Resp: 120534
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.5 16.4 24.6





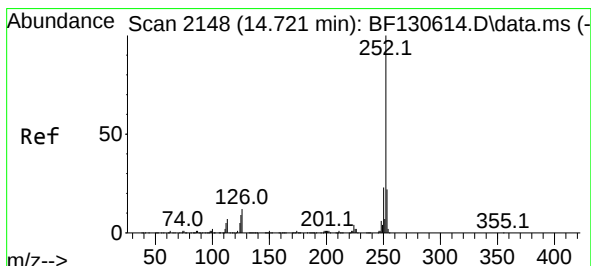
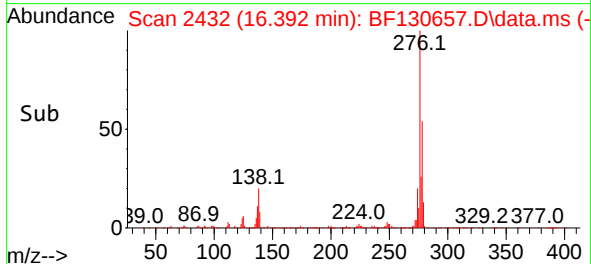
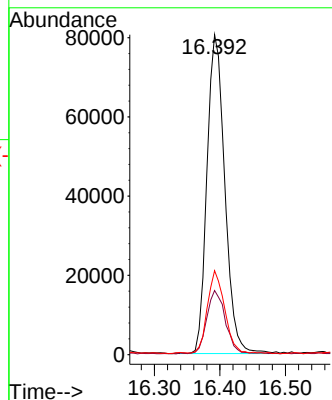
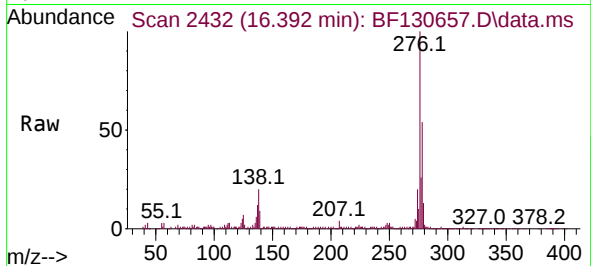
#87
Indeno(1,2,3-cd)pyrene
Concen: 16.868 ng
RT: 16.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:276 Resp: 152174
Ion Ratio Lower Upper
276 100
138 20.6 18.0 27.0
277 25.5 20.0 30.0

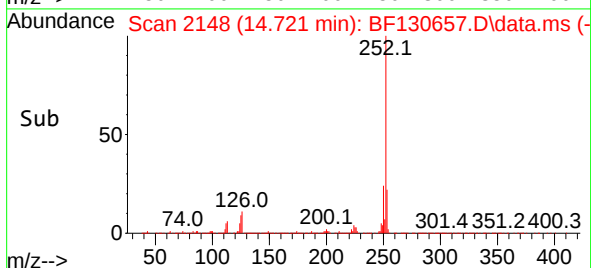
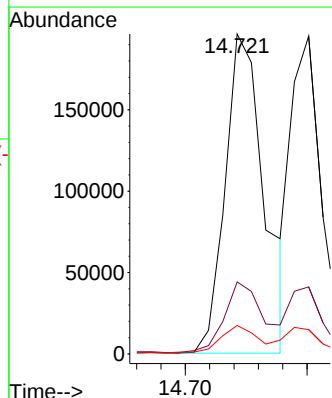
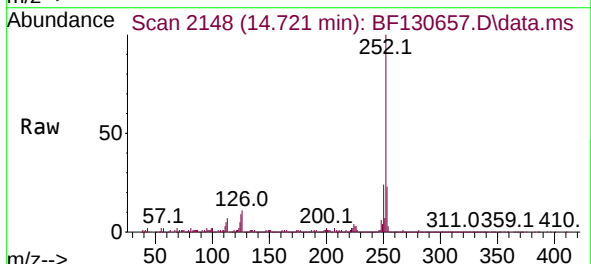
Manual Integrations
APPROVED

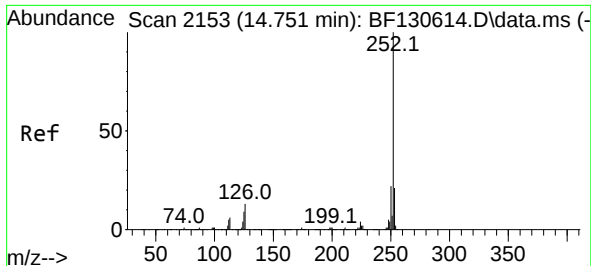
Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#88
Benzo(b)fluoranthene
Concen: 28.641 ng
RT: 14.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

Tgt Ion:252 Resp: 218604
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 21.512 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:252 Resp: 167178

Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

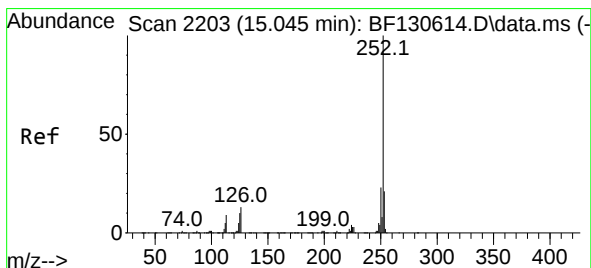
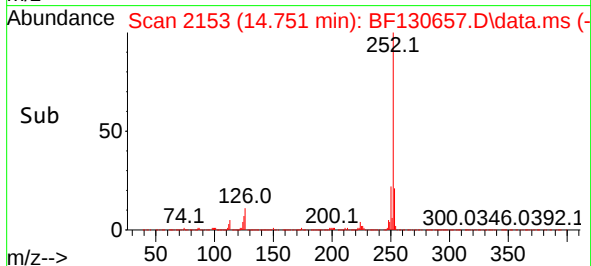
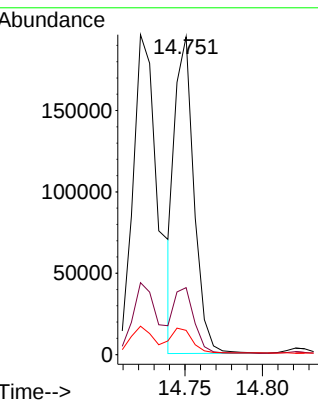
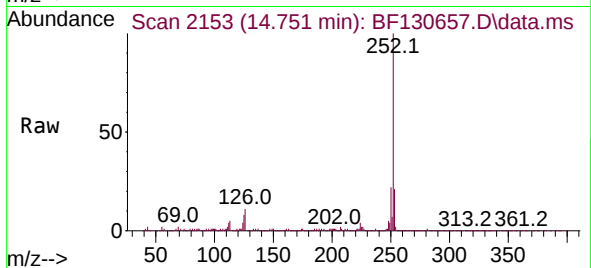
125 7.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/14/2022

Supervised By :Jagrut Upadhyay 10/14/2022



#90

Benzo(a)pyrene

Concen: 24.753 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF130657.D

Acq: 13 Oct 2022 20:39

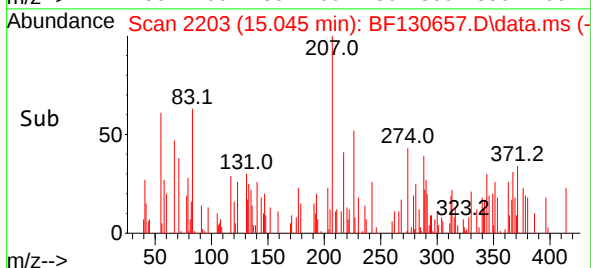
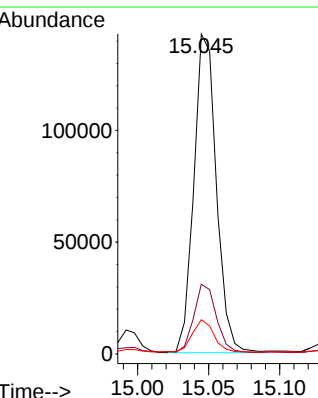
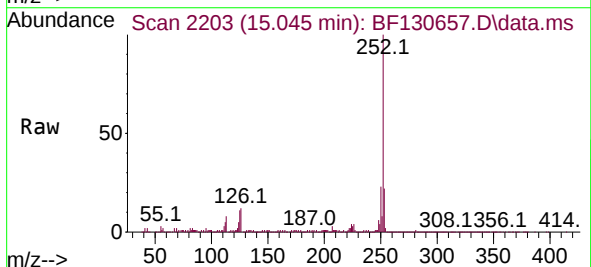
Tgt Ion:252 Resp: 157240

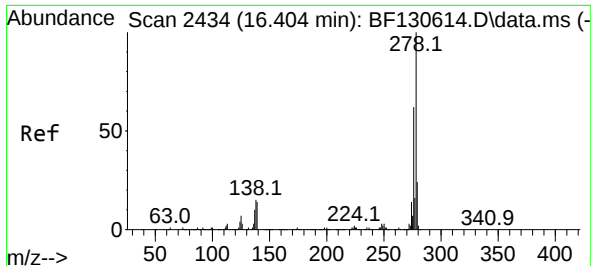
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

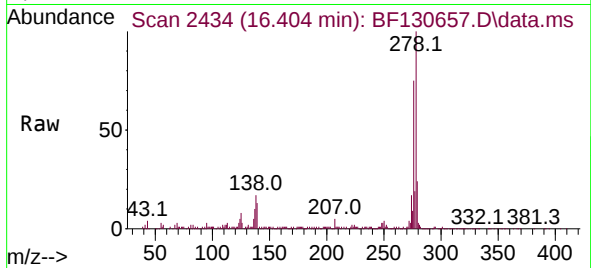
125 10.7 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 17.364 ng
RT: 16.404 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39

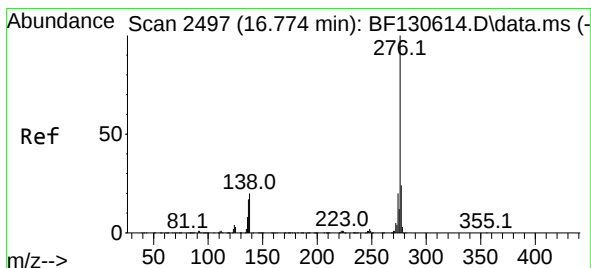
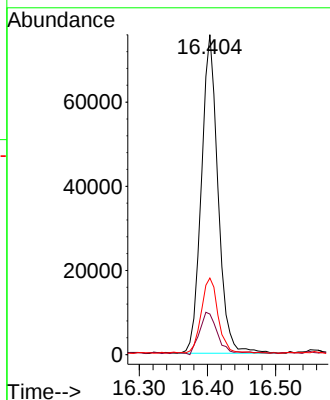
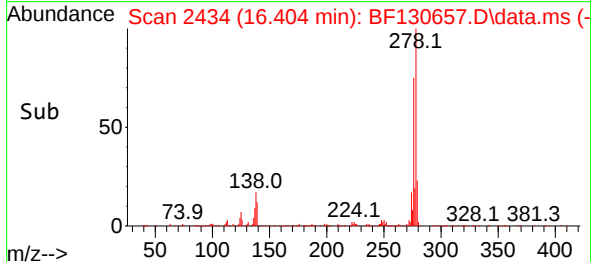
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



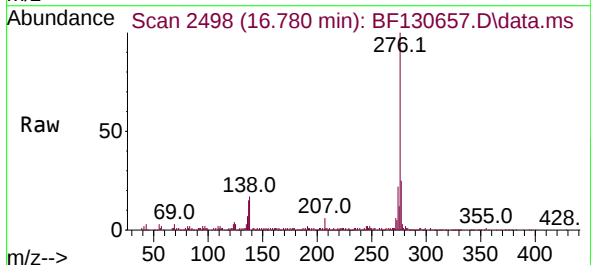
Tgt Ion:278 Resp: 128406
Ion Ratio Lower Upper
278 100
139 12.7 11.1 16.7
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022



#92
Benzo(g,h,i)perylene
Concen: 18.939 ng
RT: 16.780 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF130657.D
Acq: 13 Oct 2022 20:39



Tgt Ion:276 Resp: 130445
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 17.0 15.9 23.9

