

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130114.D
 Acq On : 02 Sep 2022 16:46
 Operator : CG\JU
 Sample : N4446-09MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 05:46:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	252017	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1020099	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	530831	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	848349	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	461628	20.000	ng	0.00
86) Perylene-d12	15.245	264	446341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1038667	69.967	ng	0.00
7) Phenol-d6	6.328	99	848184	45.829	ng	-0.02
23) Nitrobenzene-d5	7.275	82	1581152	99.612	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	736853	152.493	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2714825	84.793	ng	0.00
79) Terphenyl-d14	12.804	244	2559981	96.167	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.416	88	148538	21.410	ng	94
3) Pyridine	3.110	79	357436	19.213	ng	91
4) n-Nitrosodimethylamine	3.057	42	164176	22.440	ng	84
6) Aniline	6.369	93	795320	34.276	ng	# 48
8) 2-Chlorophenol	6.487	128	713721	43.804	ng	97
9) Benzaldehyde	6.251	77	438947	38.749	ng	97
10) Phenol	6.345	94	386165	18.460	ng	# 58
11) bis(2-Chloroethyl)ether	6.445	93	794976	50.015	ng	97
12) 1,3-Dichlorobenzene	6.645	146	743894	41.185	ng	97
13) 1,4-Dichlorobenzene	6.722	146	759833	41.762	ng	97
14) 1,2-Dichlorobenzene	6.875	146	731015	44.200	ng	98
15) Benzyl Alcohol	6.851	79	429539	34.433	ng	91
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1026161	47.504	ng	# 53
17) 2-Methylphenol	6.963	107	478960	34.939	ng	# 86
18) Hexachloroethane	7.216	117	274027	41.709	ng	96
19) n-Nitroso-di-n-propyla...	7.128	70	549084	49.247	ng	94
20) 3+4-Methylphenols	7.116	107	474395	29.510	ng	# 63
22) Acetophenone	7.122	105	1098936	48.219	ng	# 95
24) Nitrobenzene	7.292	77	832551	49.319	ng	98
25) Isophorone	7.534	82	1646633	51.254	ng	98
26) 2-Nitrophenol	7.604	139	432422	54.053	ng	95
27) 2,4-Dimethylphenol	7.645	122	670019	49.703	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	1034227	53.591	ng	99
29) 2,4-Dichlorophenol	7.845	162	666784	46.242	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	614370	40.408	ng	97
31) Naphthalene	8.010	128	2150139	41.791	ng	99
32) Benzoic acid	7.734	122	165395	19.541	ng	97
33) 4-Chloroaniline	8.057	127	728117	35.029	ng	99
34) Hexachlorobutadiene	8.128	225	336734	38.671	ng	99
35) Caprolactam	8.439	113	43583m	9.754	ng	
36) 4-Chloro-3-methylphenol	8.534	107	655918	44.953	ng	96
37) 2-Methylnaphthalene	8.698	142	1472886	44.442	ng	98
38) 1-Methylnaphthalene	8.798	142	1406105	43.649	ng	98
40) 1,2,4,5-Tetrachloroben...	8.863	216	619700	44.770	ng	99
41) Hexachlorocyclopentadiene	8.851	237	632660	87.457	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	472837	47.856	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	506847	47.328	ng	95
46) 1,1'-Biphenyl	9.163	154	1774944	46.025	ng	99
47) 2-Chloronaphthalene	9.186	162	1401970	45.371	ng	99
48) 2-Nitroaniline	9.286	65	446836	58.682	ng	90
49) Acenaphthylene	9.604	152	2148896	45.797	ng	99
50) Dimethylphthalate	9.475	163	1741740	48.173	ng	99
51) 2,6-Dinitrotoluene	9.533	165	399493	56.671	ng	90
52) Acenaphthene	9.775	154	1519262m	51.376	ng	
53) 3-Nitroaniline	9.698	138	300097	37.089	ng	98
54) 2,4-Dinitrophenol	9.804	184	376353	113.794	ng	92
55) Dibenzofuran	9.945	168	1978014	46.712	ng	98
56) 4-Nitrophenol	9.851	139	258650	41.464	ng	88
57) 2,4-Dinitrotoluene	9.933	165	500073	61.616	ng	# 86
58) Fluorene	10.286	166	1429027	44.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.057	232	386829	46.507	ng	# 77
60) Diethylphthalate	10.169	149	1681342	48.068	ng	99
61) 4-Chlorophenyl-phenylether	10.281	204	658092	46.205	ng	99
62) 4-Nitroaniline	10.316	138	402272	51.121	ng	94
63) Azobenzene	10.439	77	1587207	46.087	ng	96
65) 4,6-Dinitro-2-methylph...	10.339	198	235510	57.578	ng	90
66) n-Nitrosodiphenylamine	10.404	169	1380525	48.679	ng	100
67) 4-Bromophenyl-phenylether	10.769	248	471585	49.976	ng	98
68) Hexachlorobenzene	10.828	284	519638	50.539	ng	98
69) Atrazine	10.933	200	435908	54.332	ng	98
70) Pentachlorophenol	11.022	266	565250	98.312	ng	96
71) Phenanthrene	11.245	178	2135077	46.407	ng	98
72) Anthracene	11.298	178	2124828	46.981	ng	99
73) Carbazole	11.451	167	2023787	48.525	ng	100
74) Di-n-butylphthalate	11.792	149	2463763	48.990	ng	100
75) Fluoranthene	12.427	202	2073739	45.455	ng	96
77) Benzidine	12.557	184	769830	61.767	ng	100
78) Pyrene	12.657	202	2061822	49.796	ng	99
80) Butylbenzylphthalate	13.280	149	912577	55.411	ng	97
81) Benzo(a)anthracene	13.839	228	1477911	46.717	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	456983	46.321	ng	99
83) Chrysene	13.874	228	1475895	47.320	ng	99
84) Bis(2-ethylhexyl)phtha...	13.839	149	1074854	52.506	ng	99
85) Di-n-octyl phthalate	14.451	149	1865456	57.689	ng	98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1573860	53.455	ng	95
88) Benzo(b)fluoranthene	14.857	252	1550484	52.091	ng	99
89) Benzo(k)fluoranthene	14.886	252	1389721	48.276	ng	99
90) Benzo(a)pyrene	15.192	252	1254141	53.026	ng	97
91) Dibenzo(a,h)anthracene	16.621	278	1375435	57.091	ng	# 96
92) Benzo(g,h,i)perylene	17.015	276	1376950	57.125	ng	# 95

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

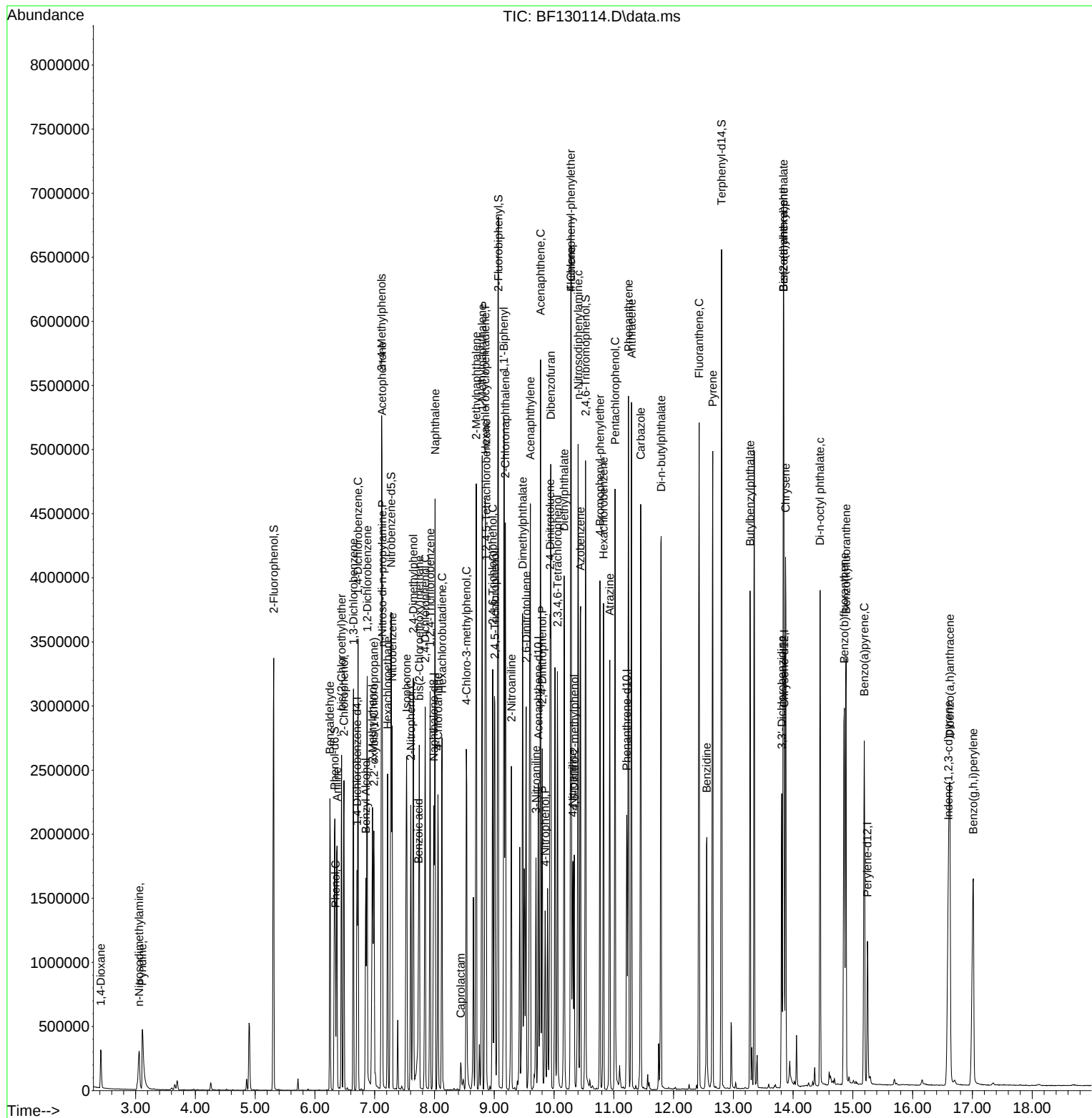
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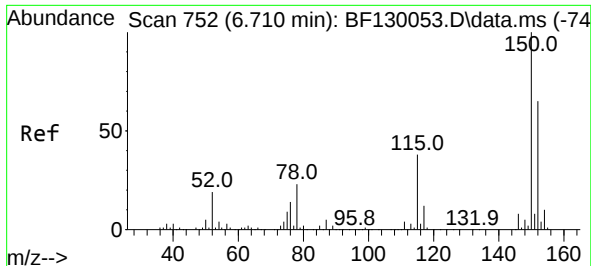
Instrument :
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ClientSampleId :
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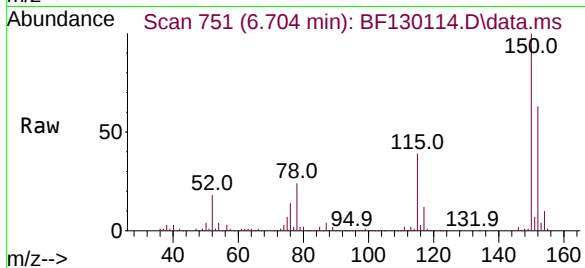
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

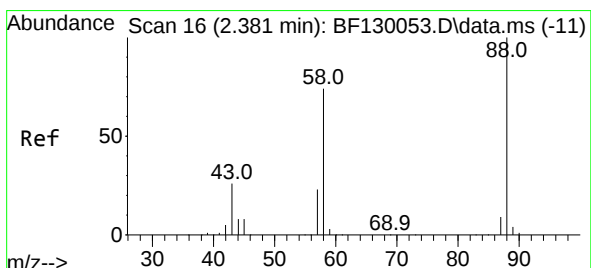
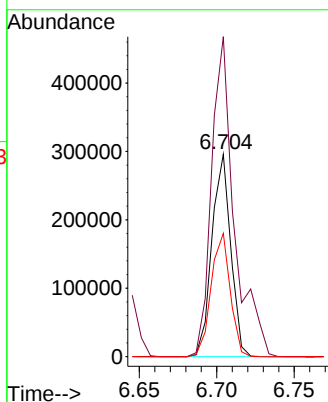
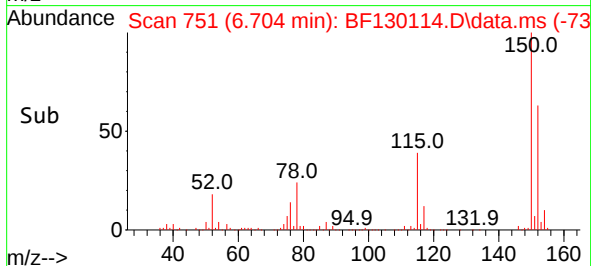
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion: 152 Resp: 252017
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 60.9 53.4 80.0

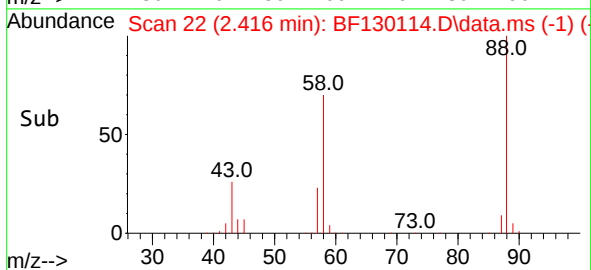
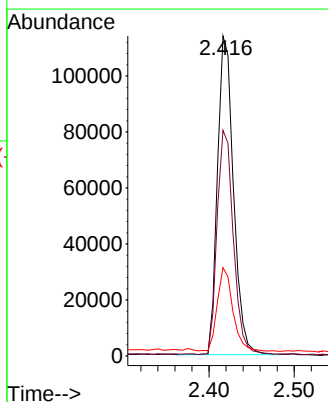
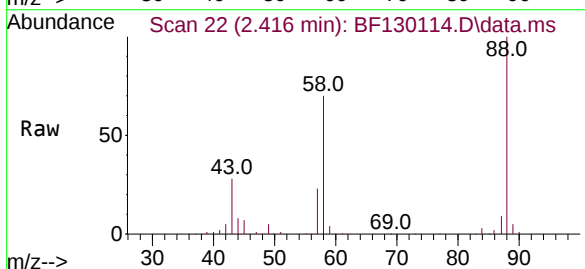
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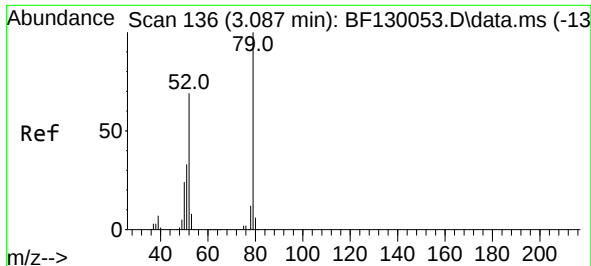
Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#2
1,4-Dioxane
Concen: 21.410 ng
RT: 2.416 min Scan# 22
Delta R.T. 0.035 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

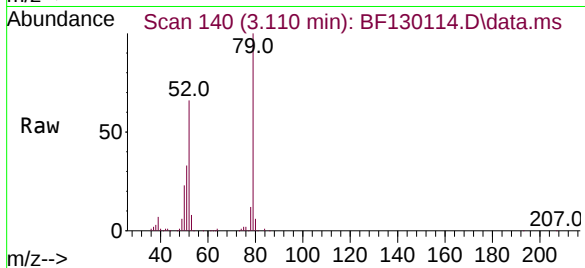
Tgt Ion: 88 Resp: 148538
Ion Ratio Lower Upper
88 100
58 71.3 60.9 91.3
43 25.7 23.6 35.4





#3
Pyridine
Concen: 19.213 ng
RT: 3.110 min Scan# 14
Delta R.T. 0.024 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

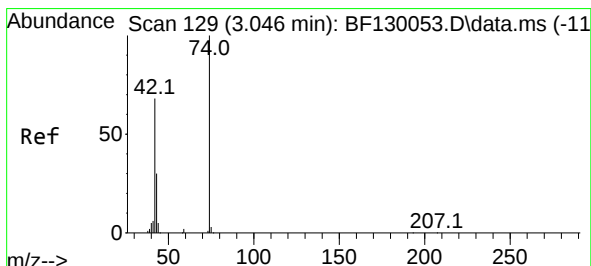
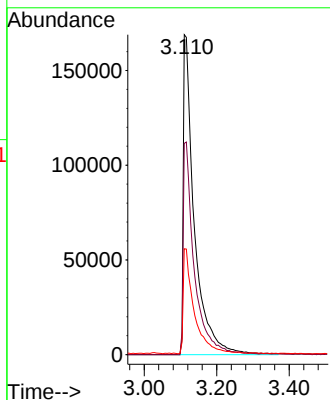
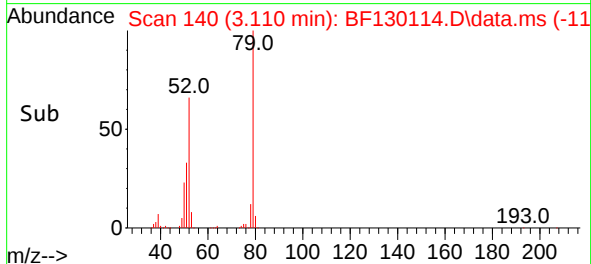
Instrument :
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ClientSampleId :
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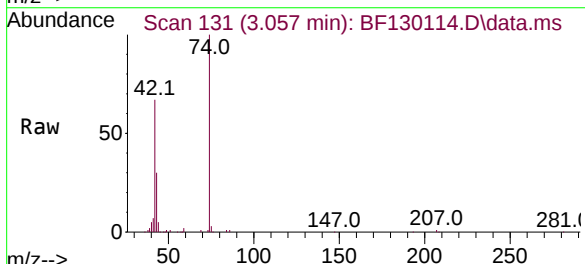
Tgt Ion: 79 Resp: 357436
Ion Ratio Lower Upper
79 100
52 66.0 59.4 89.2
51 33.1 29.5 44.3

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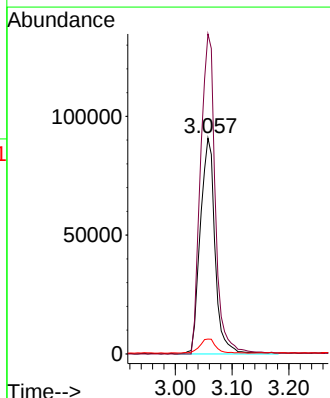
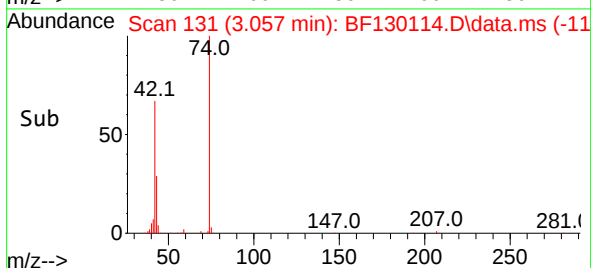
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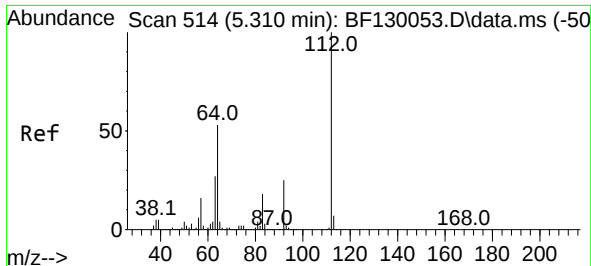


#4
n-Nitrosodimethylamine
Concen: 22.440 ng
RT: 3.057 min Scan# 131
Delta R.T. 0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



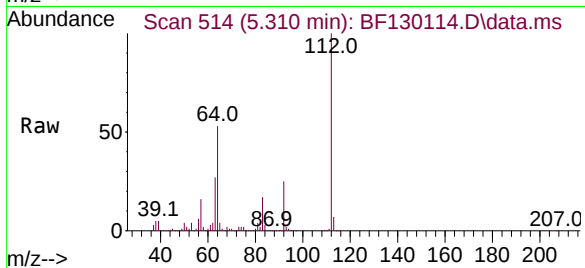
Tgt Ion: 42 Resp: 164176
Ion Ratio Lower Upper
42 100
74 148.3 103.1 154.7
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 69.967 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

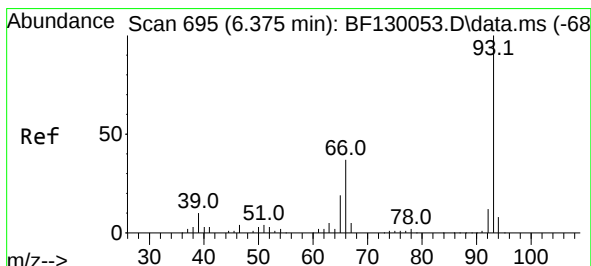
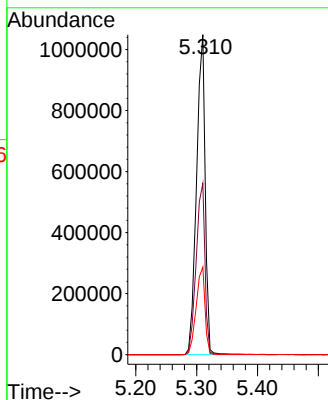
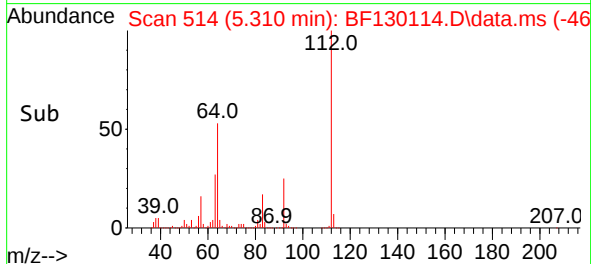
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 103866
Ion Ratio Lower Upper
112 100
64 53.5 47.6 71.4
63 27.4 24.6 37.0

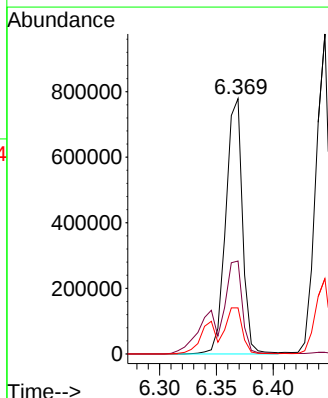
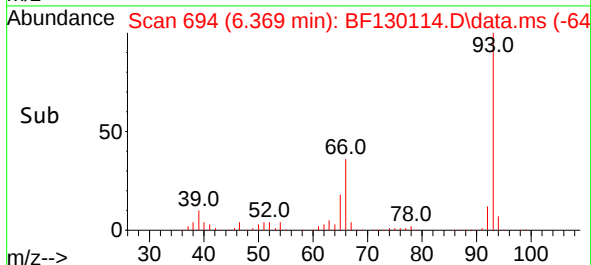
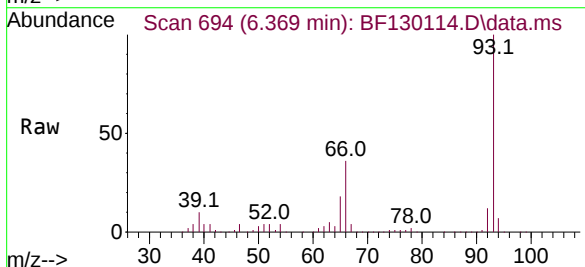
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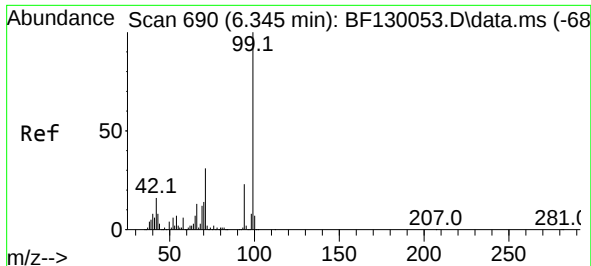
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#6
Aniline
Concen: 34.276 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion: 93 Resp: 795320
Ion Ratio Lower Upper
93 100
66 36.4 68.7 103.1#
65 18.0 41.6 62.4#





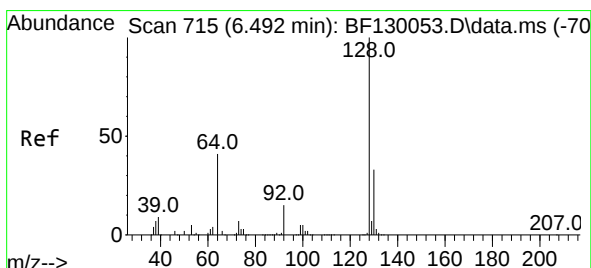
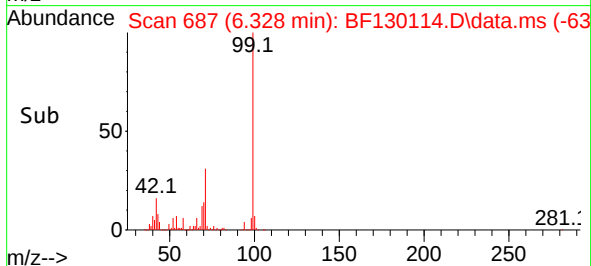
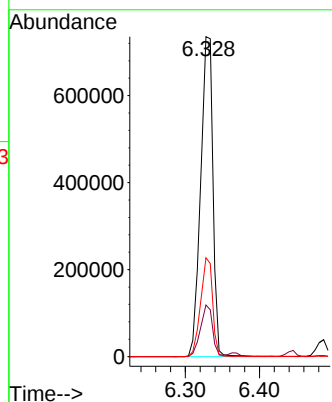
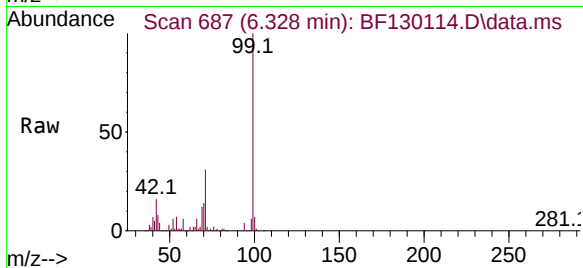
#7
Phenol-d6
Concen: 45.829 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion: 99 Resp: 848184
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 30.9 28.8 43.2

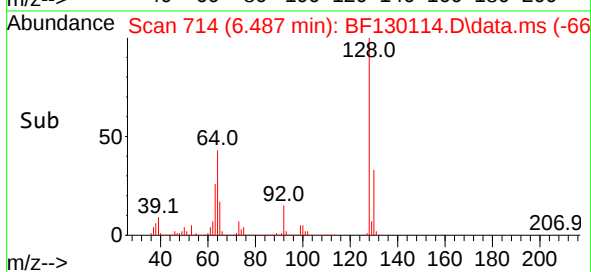
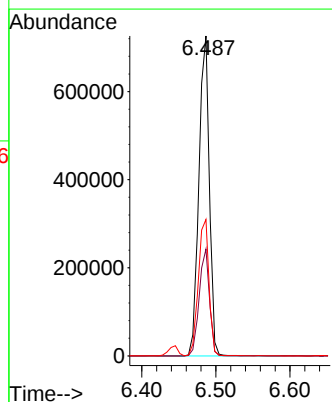
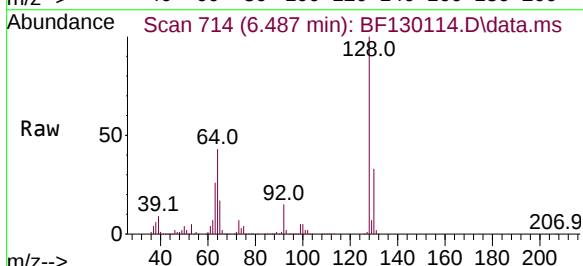
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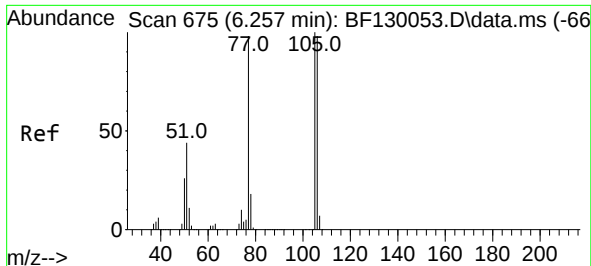
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#8
2-Chlorophenol
Concen: 43.804 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

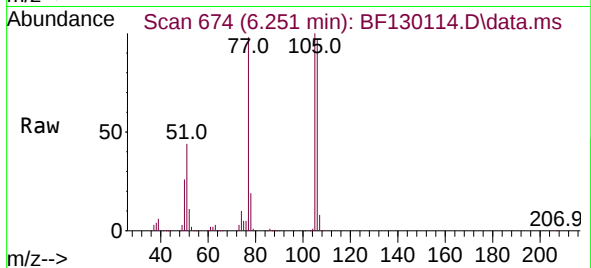
Tgt Ion:128 Resp: 713721
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 42.6 24.9 64.9





#9
Benzaldehyde
Concen: 38.749 ng
RT: 6.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130114.D
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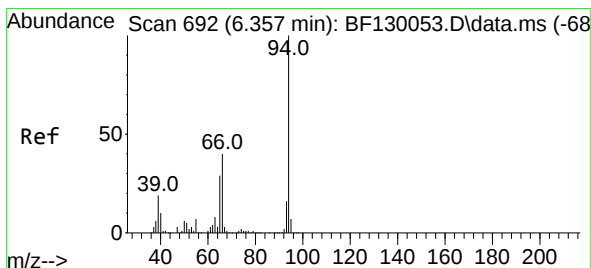
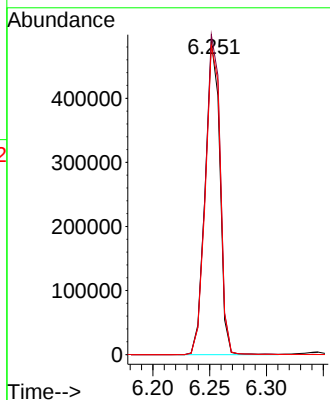
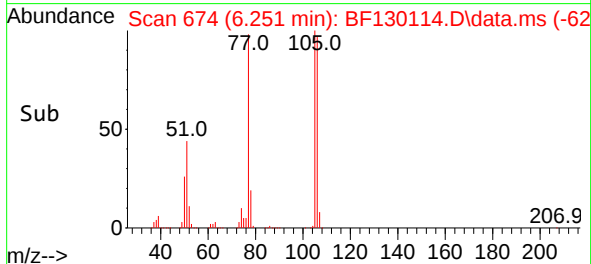
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Tgt Ion: 77 Resp: 438947
Ion Ratio Lower Upper
77 100
105 102.2 80.3 120.3
106 98.7 74.3 114.3

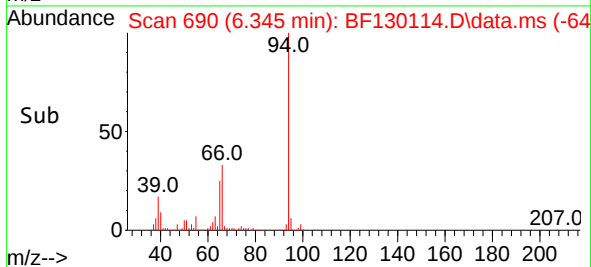
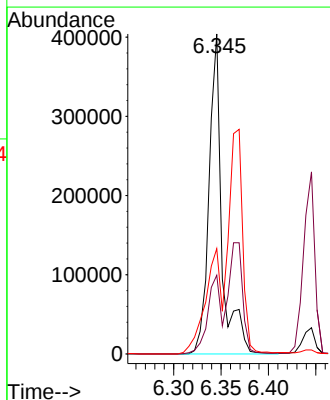
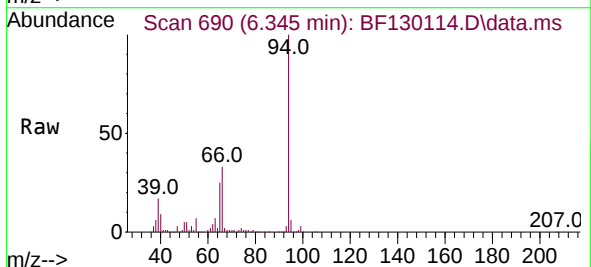
Manual Integrations
APPROVED

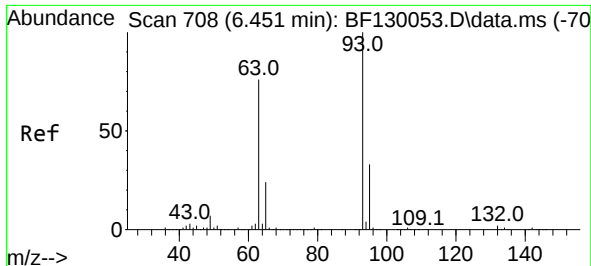
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#10
Phenol
Concen: 18.460 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

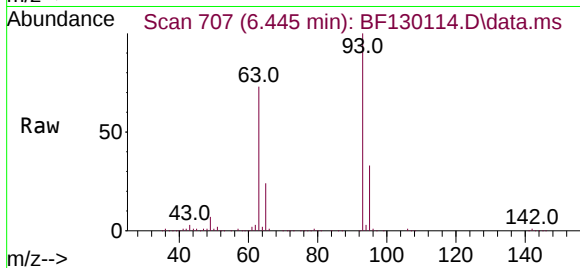
Tgt Ion: 94 Resp: 386165
Ion Ratio Lower Upper
94 100
65 24.6 24.9 64.9#
66 32.9 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 50.015 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

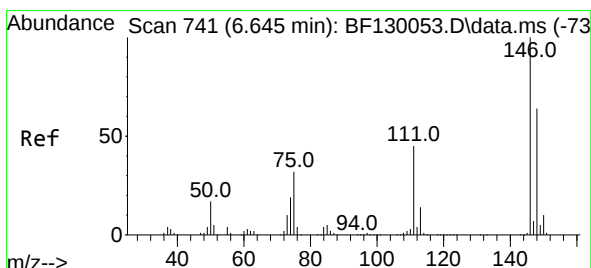
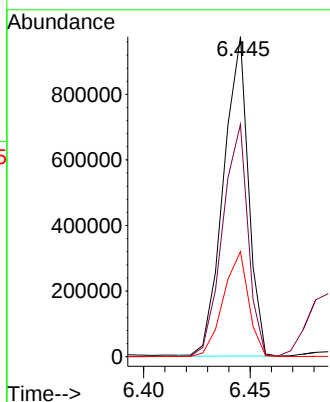
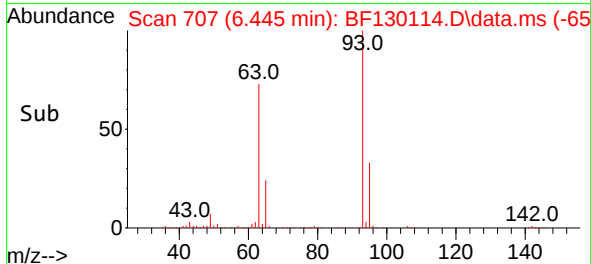
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion: 93 Resp: 794976
Ion Ratio Lower Upper
93 100
63 72.6 55.9 95.9
95 32.8 12.3 52.3

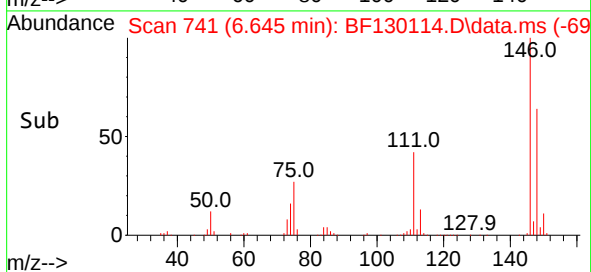
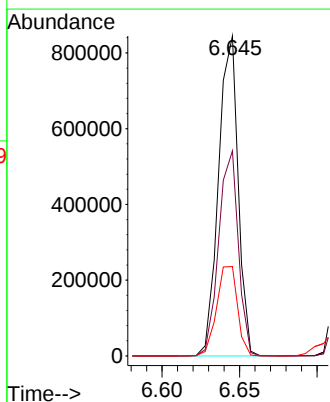
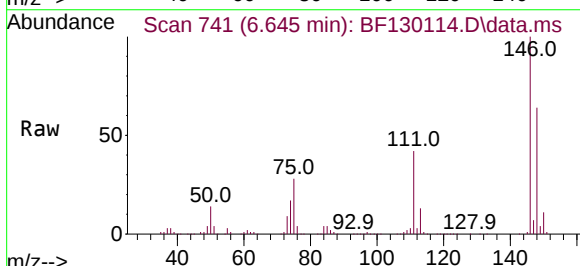
Manual Integrations
APPROVED

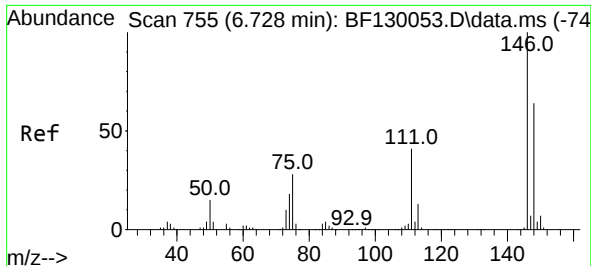
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#12
1,3-Dichlorobenzene
Concen: 41.185 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:146 Resp: 743894
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 27.9 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 41.762 ng

RT: 6.722 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:146 Resp: 759833

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

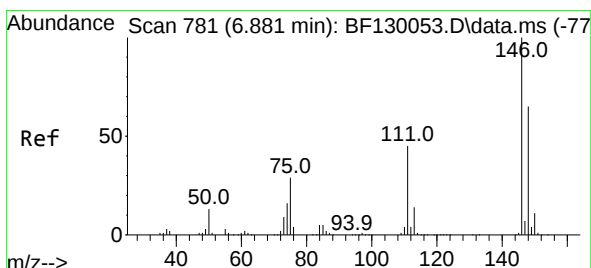
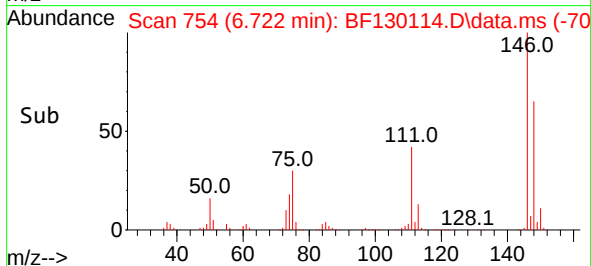
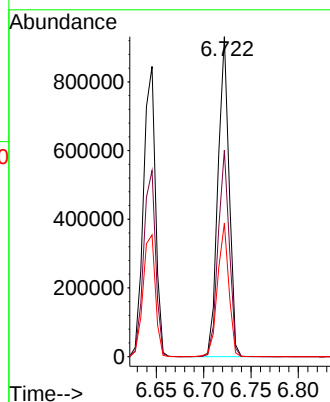
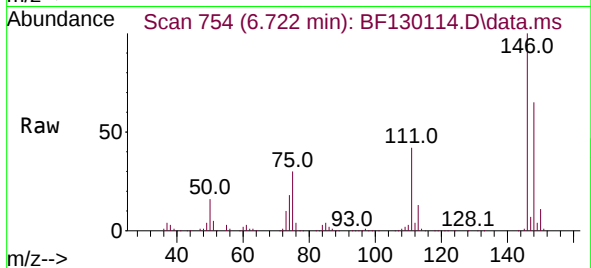
111 41.7 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#14

1,2-Dichlorobenzene

Concen: 44.200 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

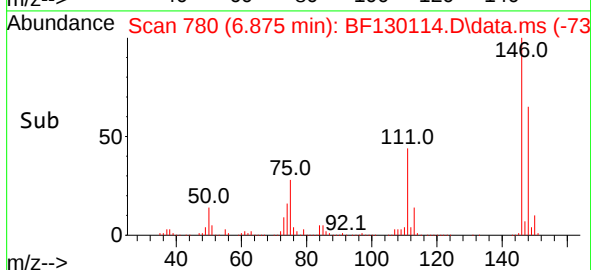
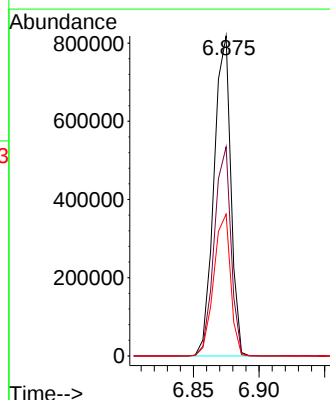
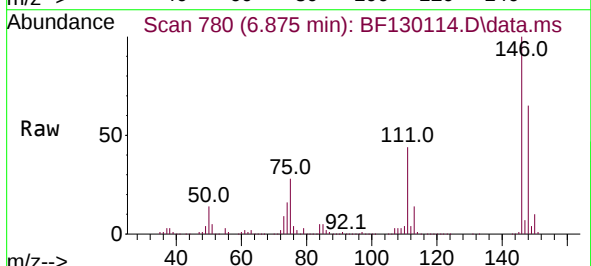
Tgt Ion:146 Resp: 731015

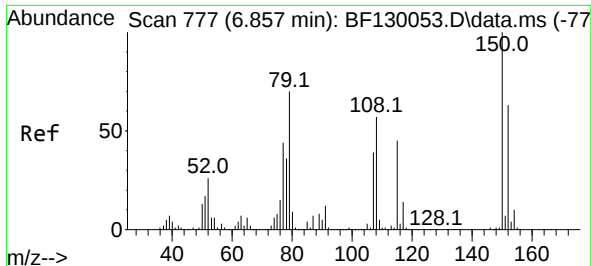
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

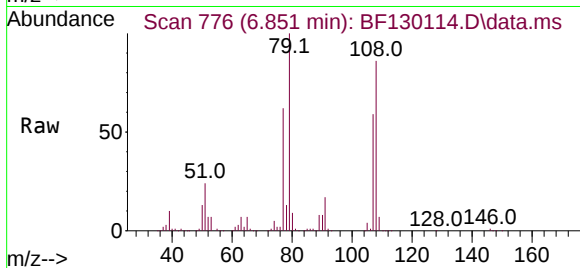
111 44.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 34.433 ng
RT: 6.851 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

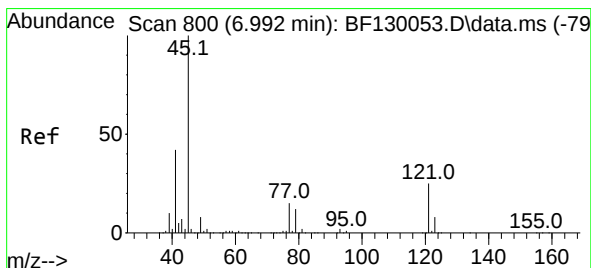
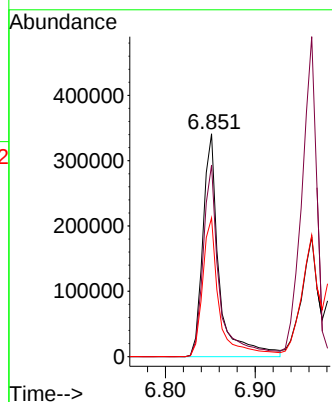
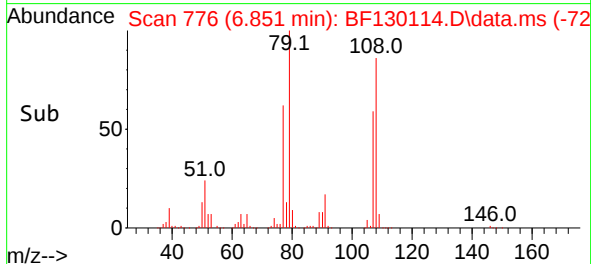
Instrument :
BNA_F
ClientSampleId :
MW-05MS



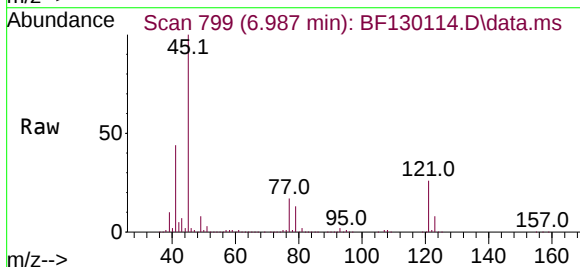
Tgt Ion: 79 Resp: 429539
Ion Ratio Lower Upper
79 100
108 86.0 59.2 88.8
77 62.2 51.9 77.9

Manual Integrations
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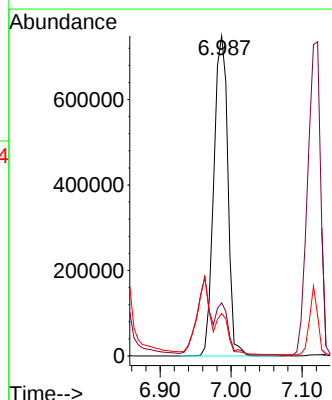
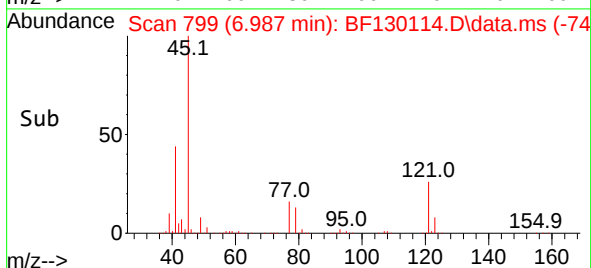
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

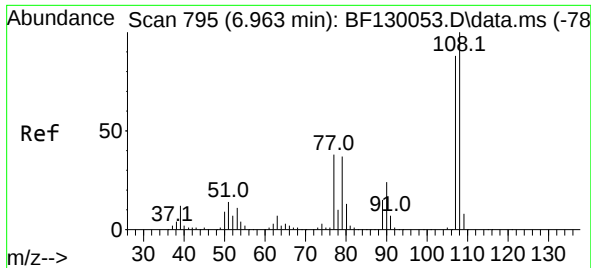


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.504 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



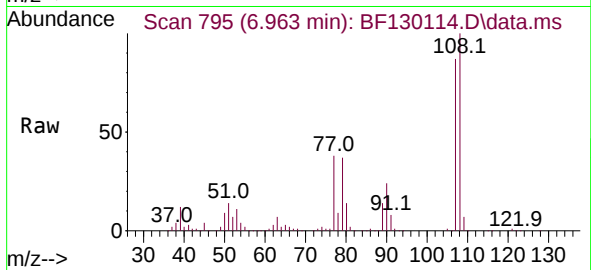
Tgt Ion: 45 Resp: 1026161
Ion Ratio Lower Upper
45 100
77 16.6 27.4 67.4#
79 13.3 24.4 64.4#





#17
2-Methylphenol
Concen: 34.939 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

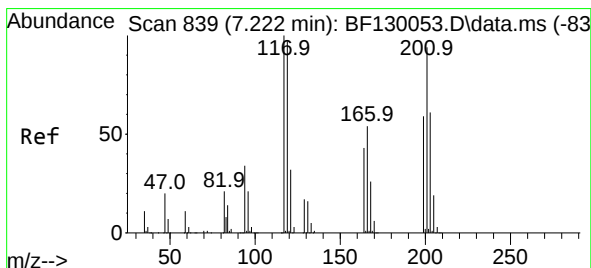
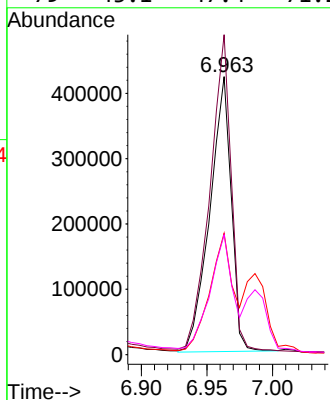
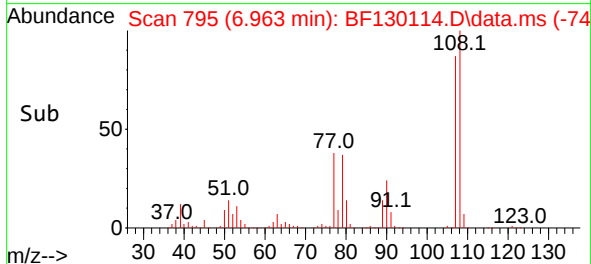
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:107 Resp: 478960
Ion Ratio Lower Upper
107 100
108 115.1 90.2 135.2
77 43.7 51.8 77.8
79 43.1 47.4 71.2

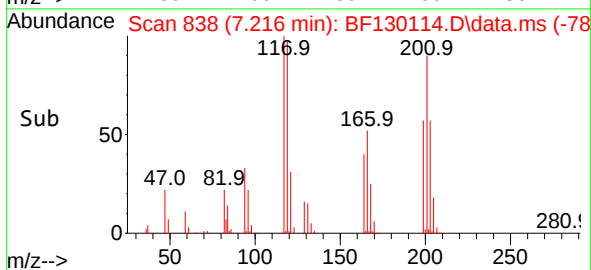
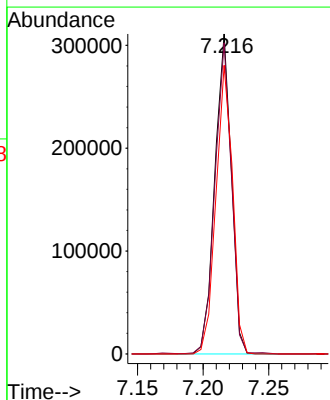
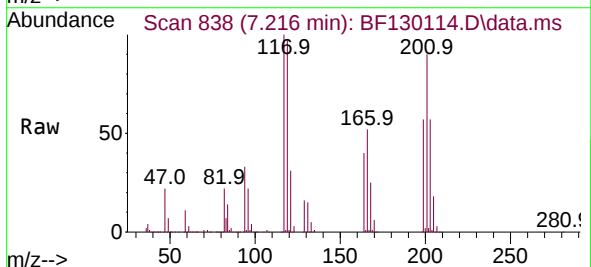
Manual Integrations
APPROVED

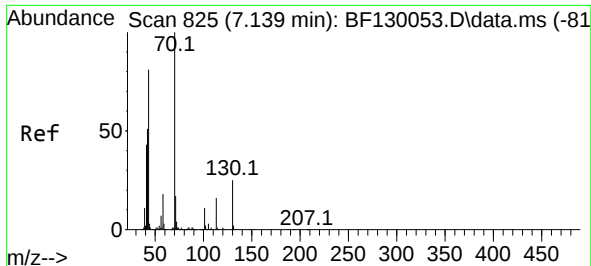
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#18
Hexachloroethane
Concen: 41.709 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

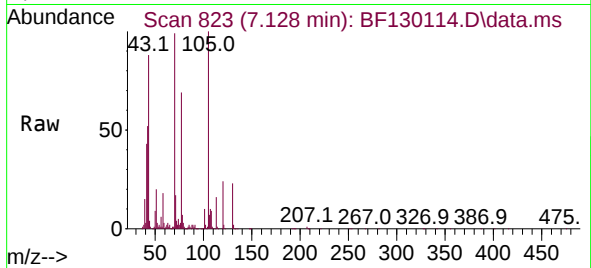
Tgt Ion:117 Resp: 274027
Ion Ratio Lower Upper
117 100
119 97.2 79.1 118.7
201 90.2 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.247 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

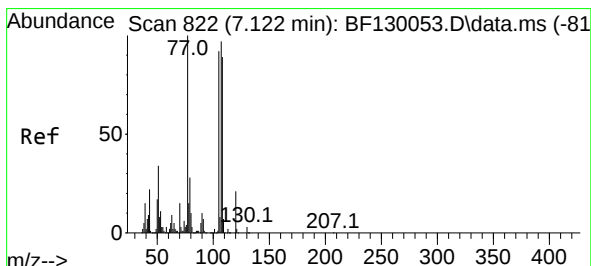
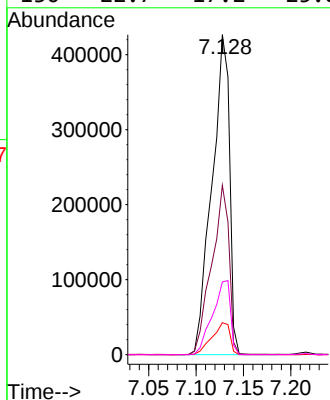
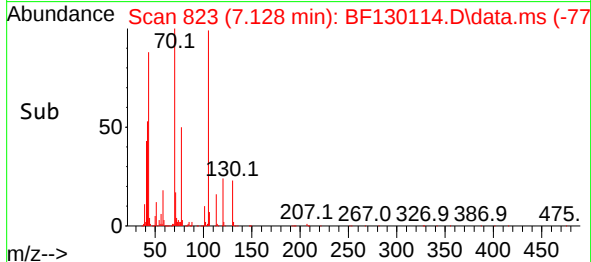
Instrument :
BNA_F
ClientSampleId :
MW-05MS



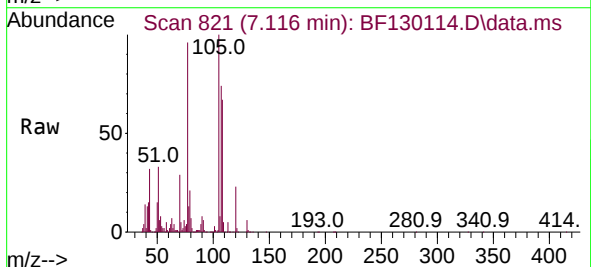
Tgt Ion: 70 Resp: 549084
Ion Ratio Lower Upper
70 100
42 52.9 47.6 71.4
101 10.0 8.1 12.1
130 22.7 17.2 25.8

Manual Integrations
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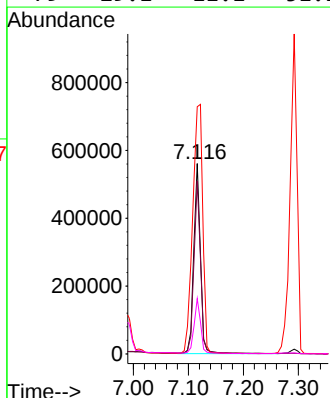
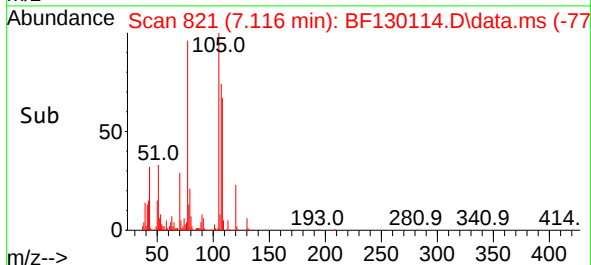
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

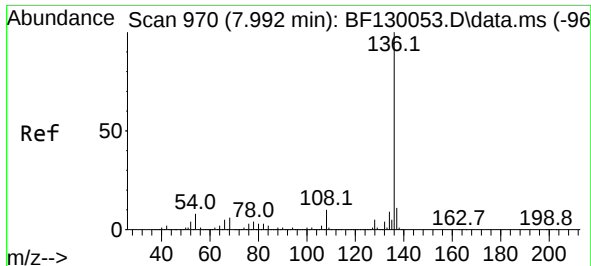


#20
3+4-Methylphenols
Concen: 29.510 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



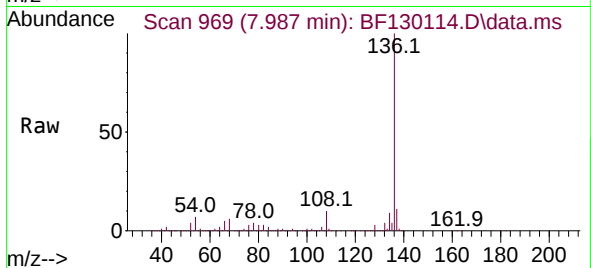
Tgt Ion:107 Resp: 474395
Ion Ratio Lower Upper
107 100
108 90.9 71.3 111.3
77 129.9 20.4 60.4#
79 29.1 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 909
Delta R.T. -0.005 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

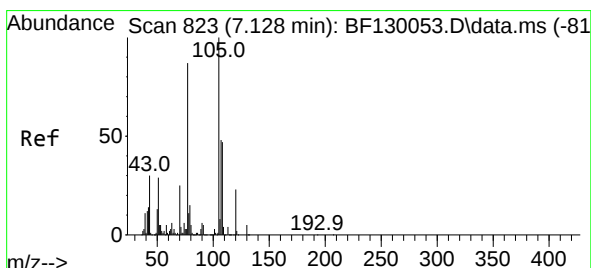
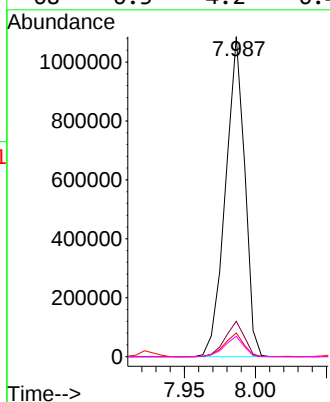
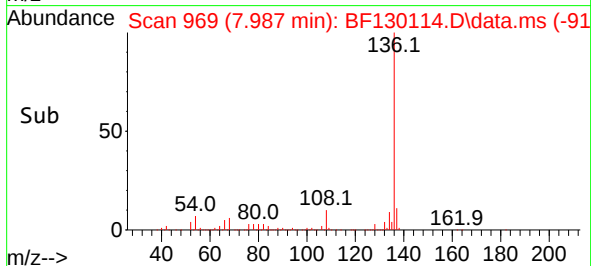
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:136 Resp: 1020099
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.4 6.2 9.2
68 6.3 4.2 6.4

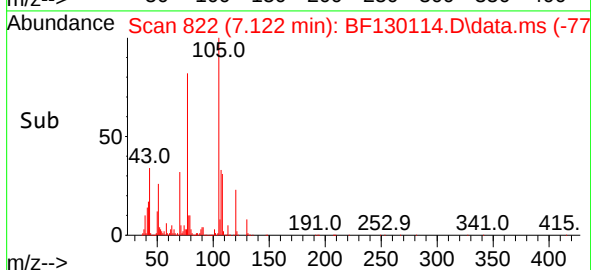
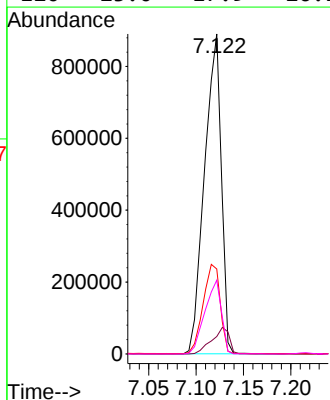
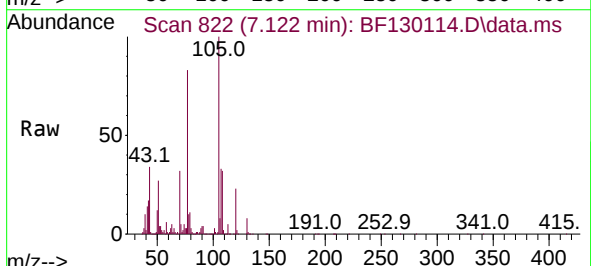
Manual Integrations
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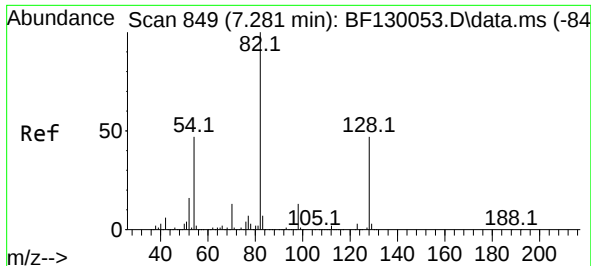
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#22
Acetophenone
Concen: 48.219 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:105 Resp: 1098936
Ion Ratio Lower Upper
105 100
71 5.4 6.6 9.8#
51 26.5 23.8 35.8
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 99.612 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion: 82 Resp: 1581152

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

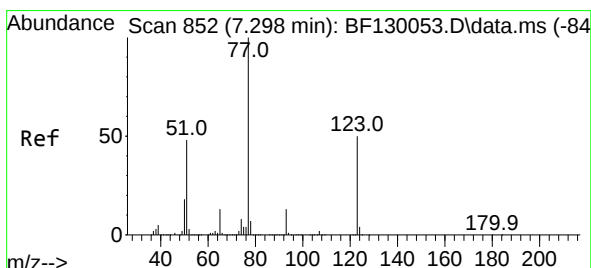
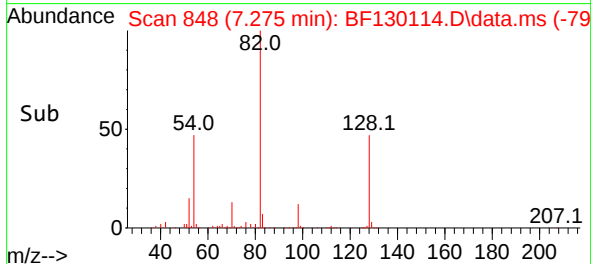
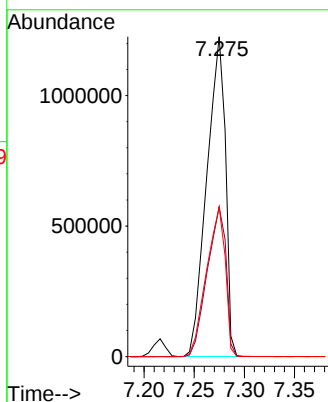
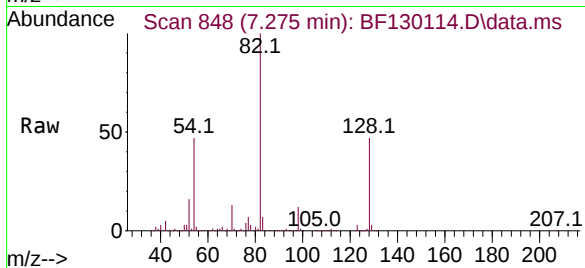
54 46.7 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#24

Nitrobenzene

Concen: 49.319 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

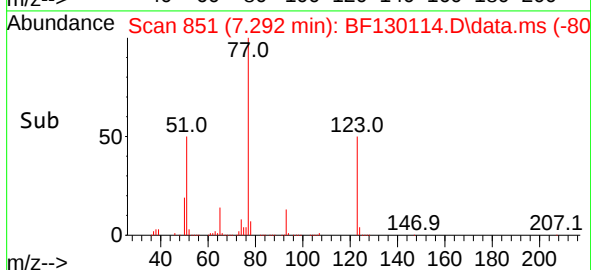
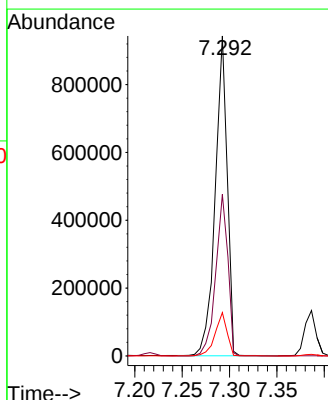
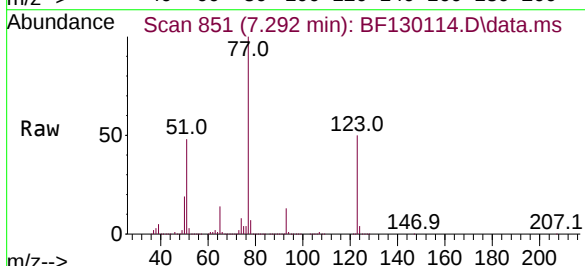
Tgt Ion: 77 Resp: 832551

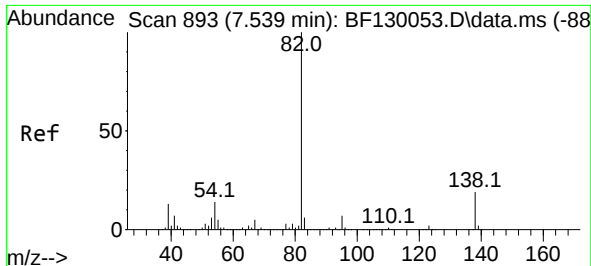
Ion Ratio Lower Upper

77 100

123 50.5 39.2 58.8

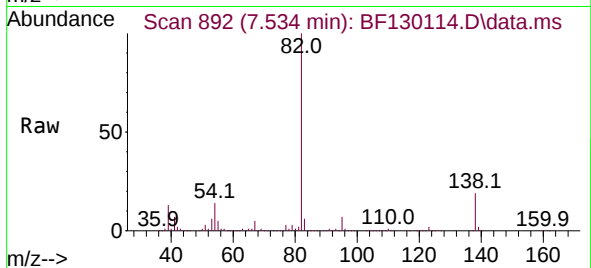
65 13.5 11.1 16.7





#25
Isophorone
Concen: 51.254 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

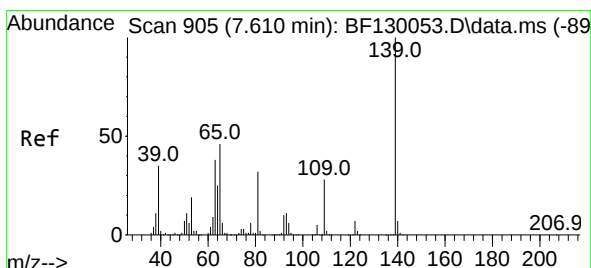
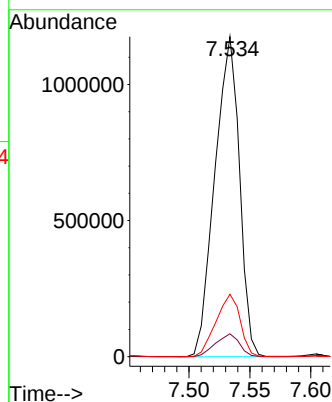
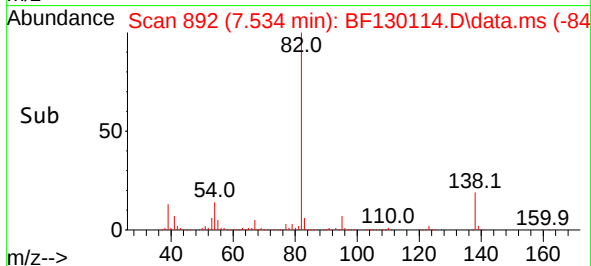
Instrument :
BNA_F
ClientSampleId :
MW-05MS



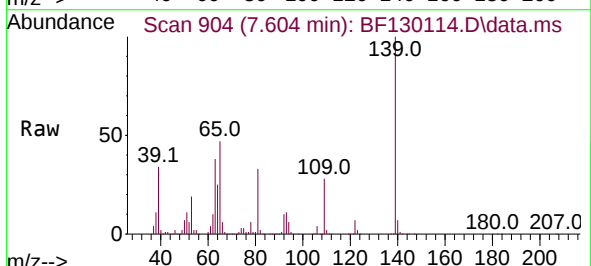
Tgt Ion: 82 Resp: 1646633
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.5 14.6 21.8

Manual Integrations
APPROVED

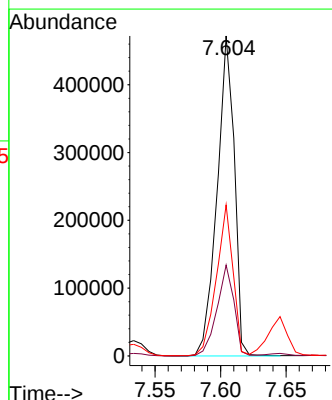
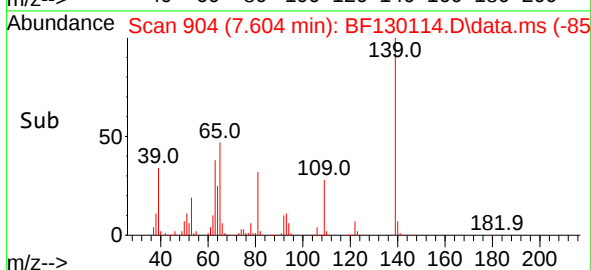
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

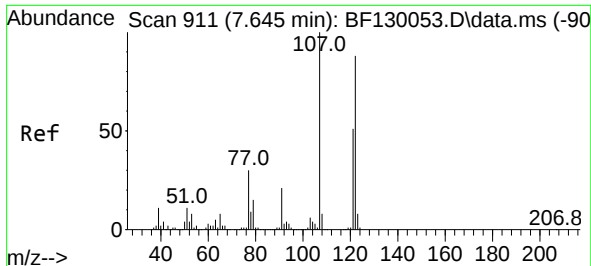


#26
2-Nitrophenol
Concen: 54.053 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion:139 Resp: 432422
Ion Ratio Lower Upper
139 100
109 28.4 24.4 36.6
65 47.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.703 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130114.D

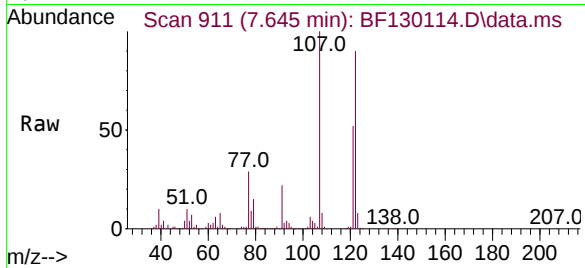
Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS



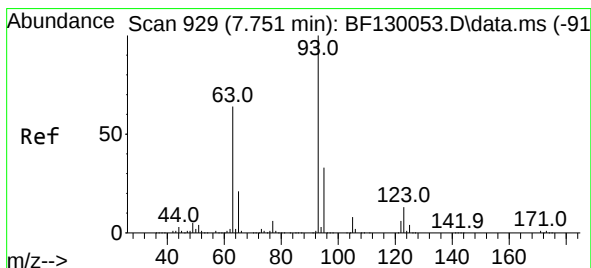
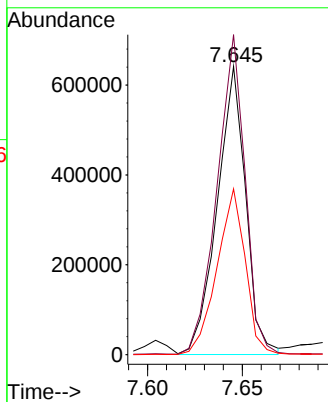
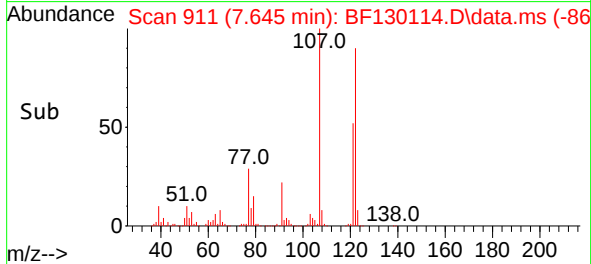
Tgt Ion:	122	Resp:	670019
Ion Ratio	Lower	Upper	
122	100		
107	111.0	92.2	138.4
121	57.5	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 53.591 ng

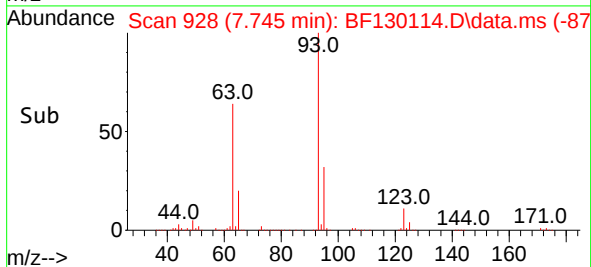
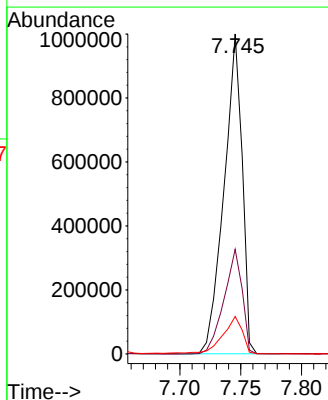
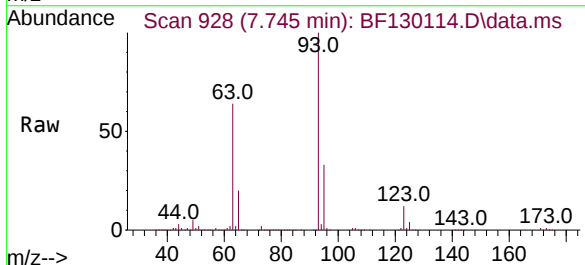
RT: 7.745 min Scan# 928

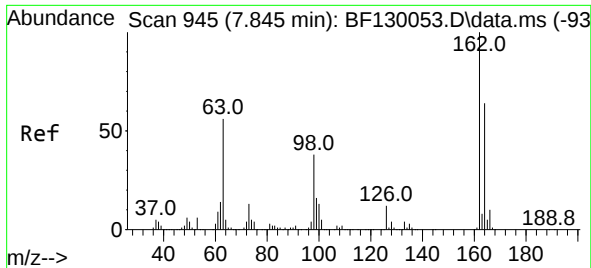
Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Tgt Ion:	93	Resp:	1034227
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.6	38.4
123	11.7	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.242 ng

RT: 7.845 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:162 Resp: 666784

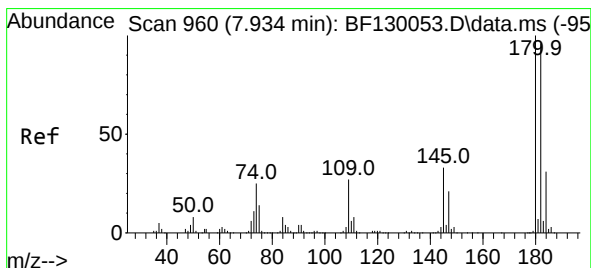
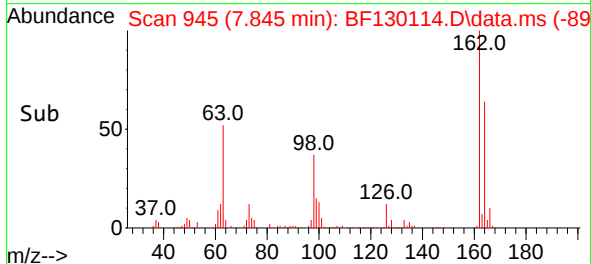
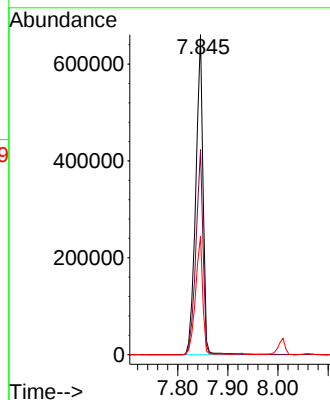
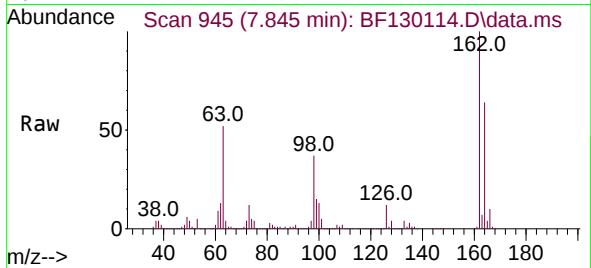
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	37.0	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.408 ng

RT: 7.928 min Scan# 959

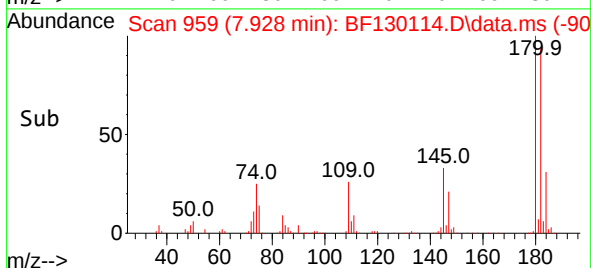
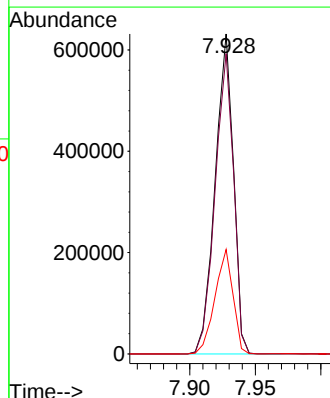
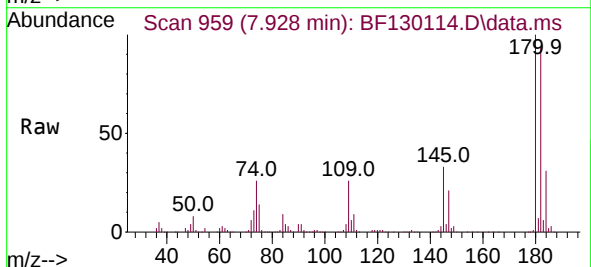
Delta R.T. -0.006 min

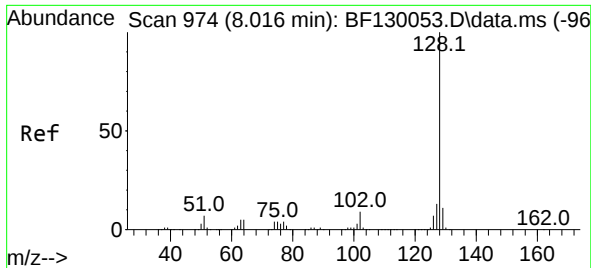
Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Tgt Ion:180 Resp: 614370

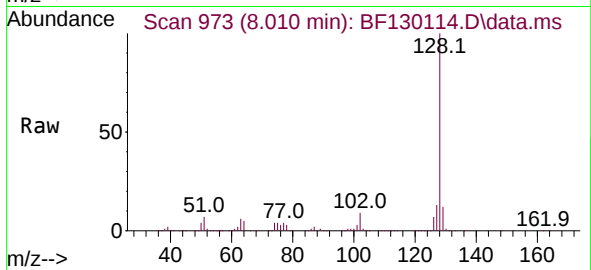
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.6	116.4
145	32.6	25.6	38.4





#31
Naphthalene
Concen: 41.791 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

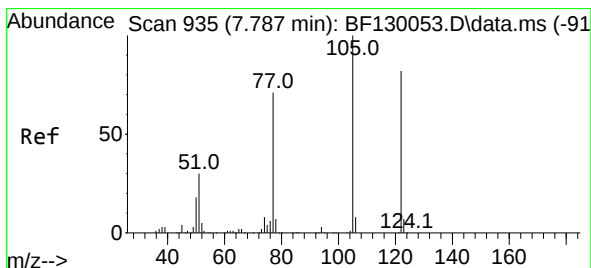
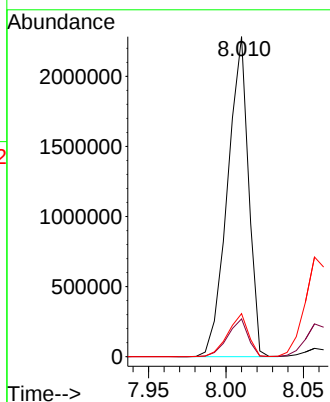
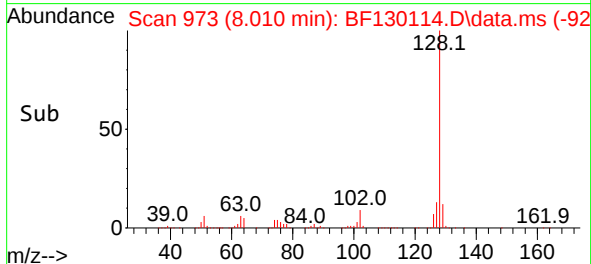
Instrument :
BNA_F
ClientSampleId :
MW-05MS



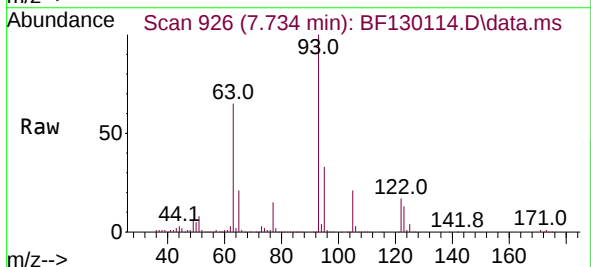
Tgt Ion:128 Resp: 2150139
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.4 10.7 16.1

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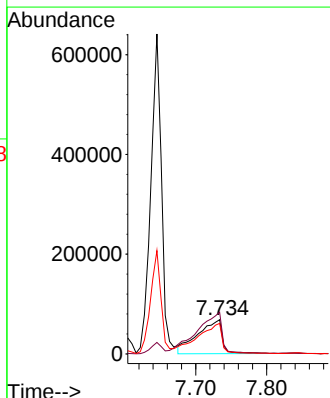
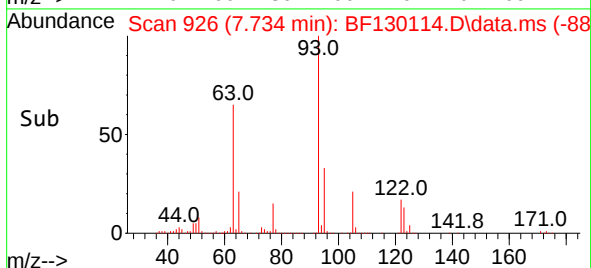
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

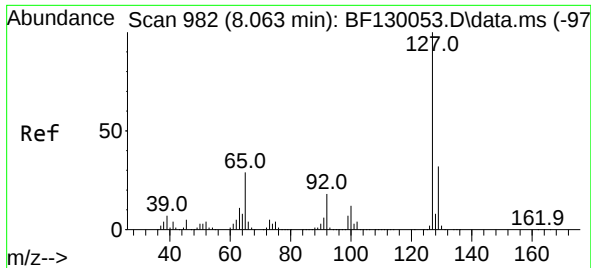


#32
Benzoic acid
Concen: 19.541 ng
RT: 7.734 min Scan# 926
Delta R.T. -0.053 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion:122 Resp: 165395
Ion Ratio Lower Upper
122 100
105 121.9 99.9 139.9
77 89.3 65.9 105.9





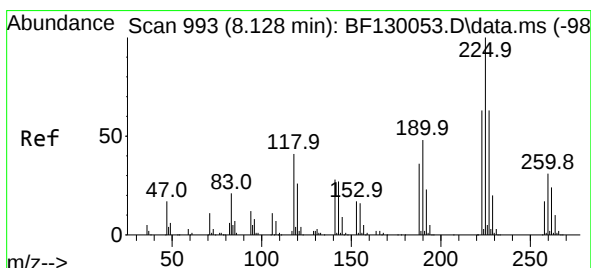
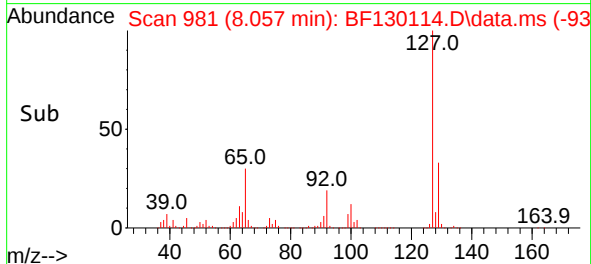
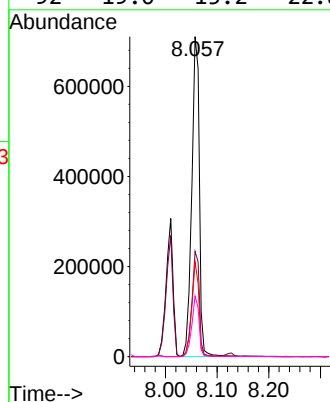
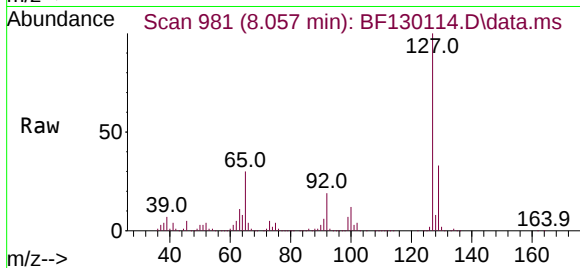
#33
4-Chloroaniline
Concen: 35.029 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:	127	Resp:	72811
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.7	40.1
65	29.6	24.2	36.2
92	19.0	15.2	22.8

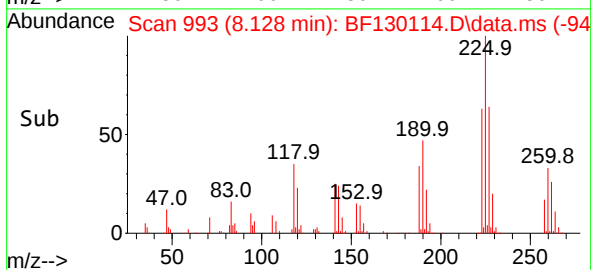
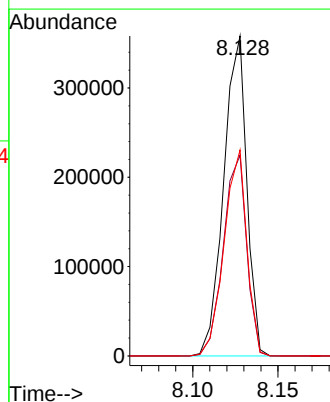
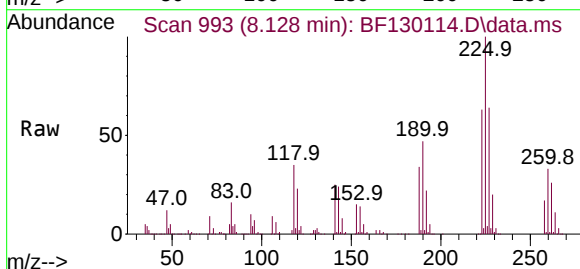
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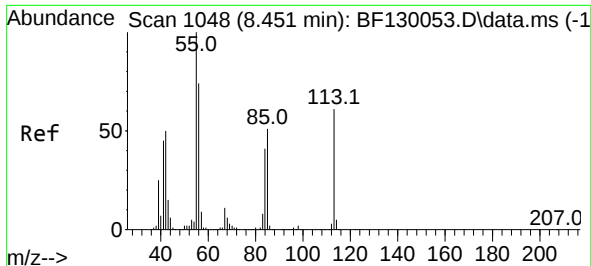
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#34
Hexachlorobutadiene
Concen: 38.671 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

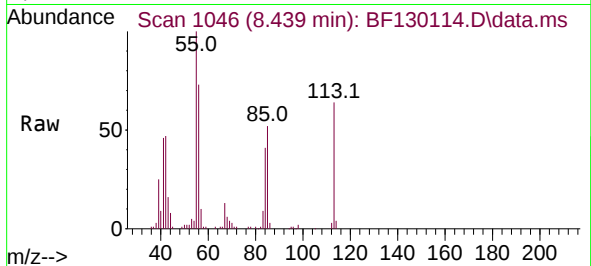
Tgt Ion:	225	Resp:	336734
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.2	75.2
227	64.3	50.6	75.8





#35
Caprolactam
Concen: 9.754 ng m
RT: 8.439 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

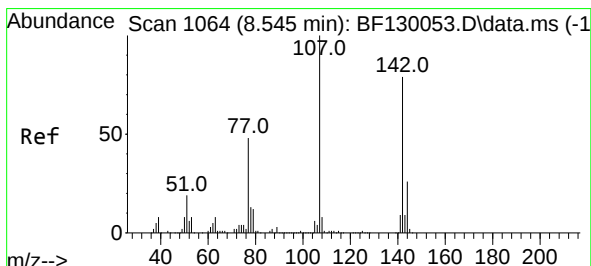
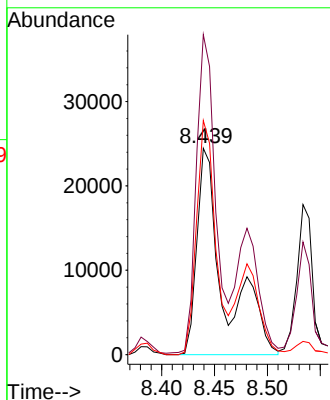
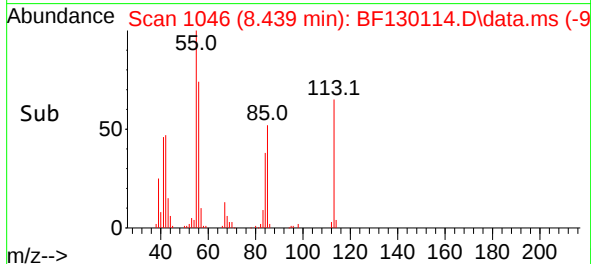
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:113 Resp: 43583
Ion Ratio Lower Upper
113 100
55 155.1 148.8 188.8
56 113.4 109.1 149.1

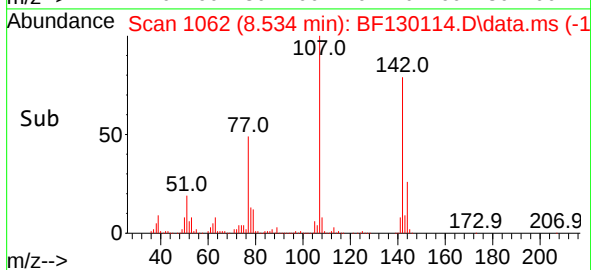
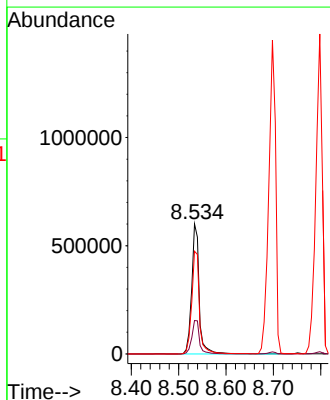
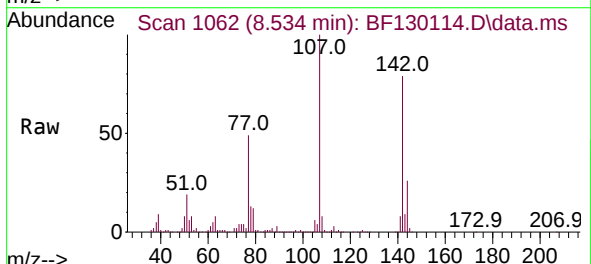
Manual Integrations
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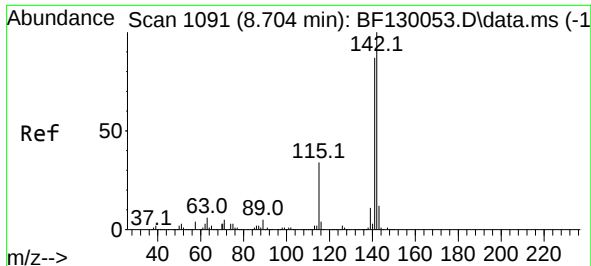
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#36
4-Chloro-3-methylphenol
Concen: 44.953 ng
RT: 8.534 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:107 Resp: 655918
Ion Ratio Lower Upper
107 100
144 25.6 19.9 29.9
142 78.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 44.442 ng

RT: 8.698 min Scan# 1090

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:142 Resp: 1472886

Ion Ratio Lower Upper

142 100

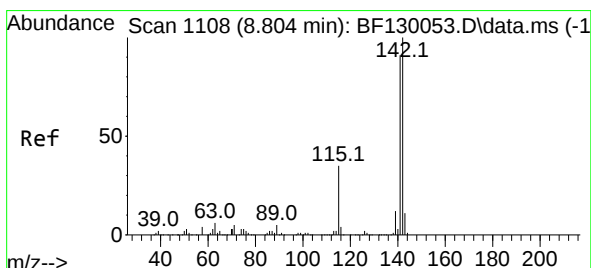
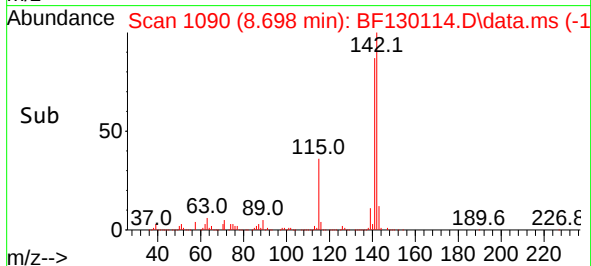
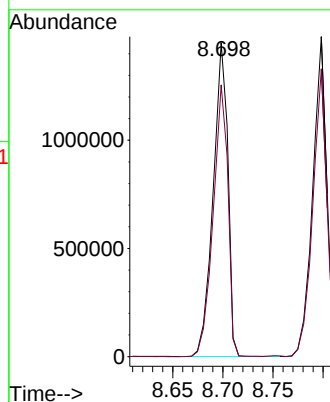
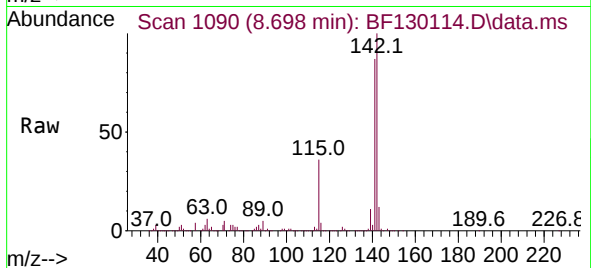
141 86.6 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#38

1-Methylnaphthalene

Concen: 43.649 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130114.D

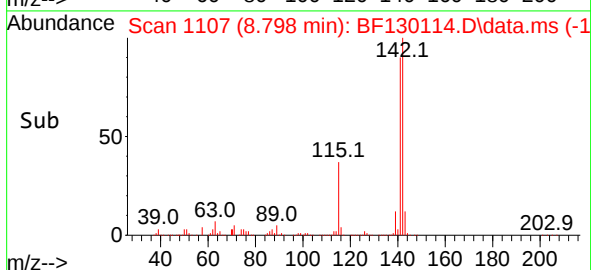
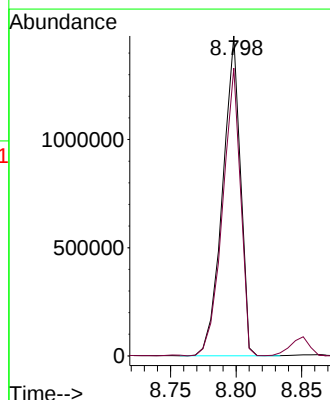
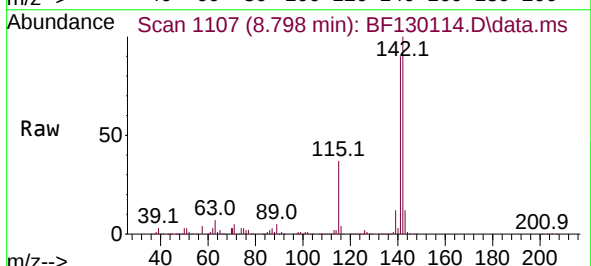
Acq: 02 Sep 2022 16:46

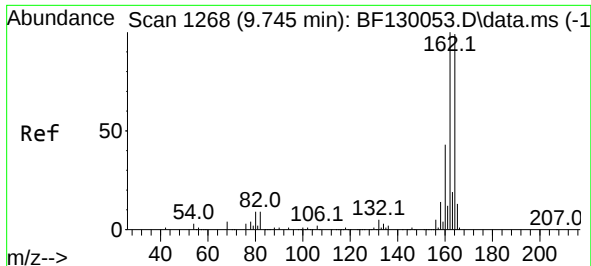
Tgt Ion:142 Resp: 1406105

Ion Ratio Lower Upper

142 100

141 89.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130114.D

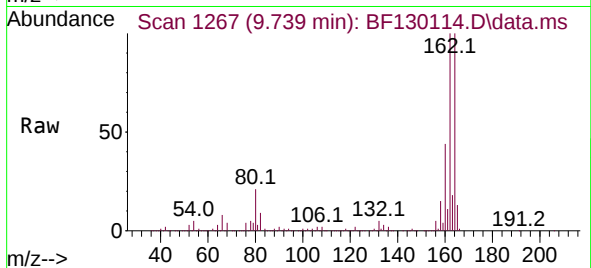
Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS



Tgt Ion:164 Resp: 53083

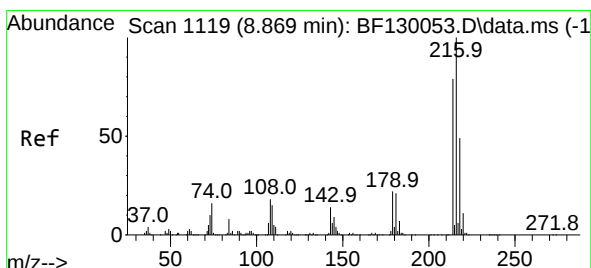
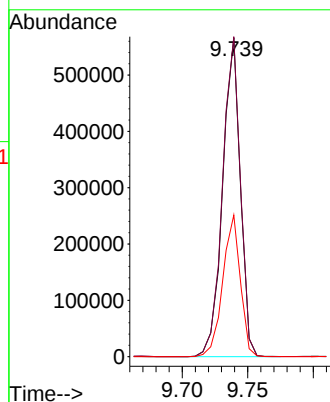
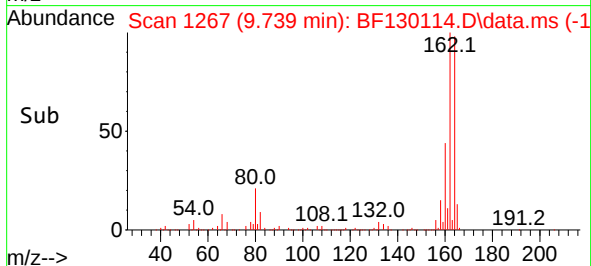
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.0	123.0
160	44.4	35.4	53.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.770 ng

RT: 8.863 min Scan# 1118

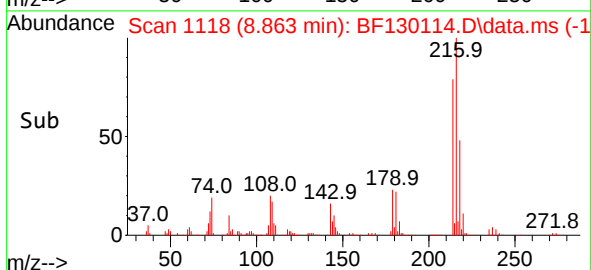
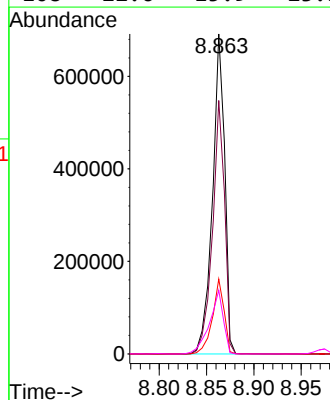
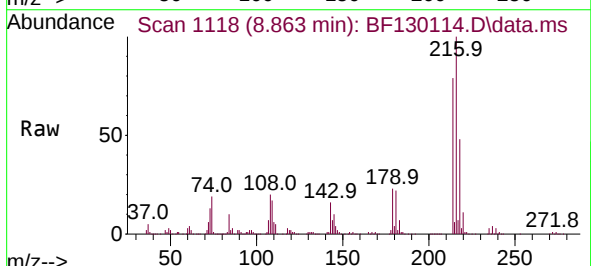
Delta R.T. -0.006 min

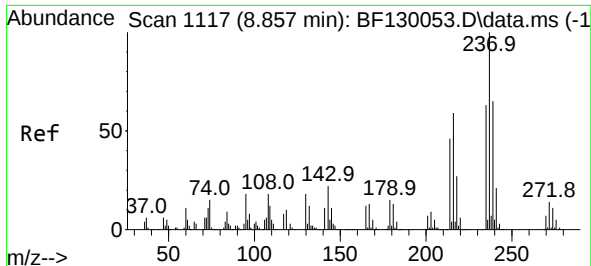
Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Tgt Ion:216 Resp: 619700

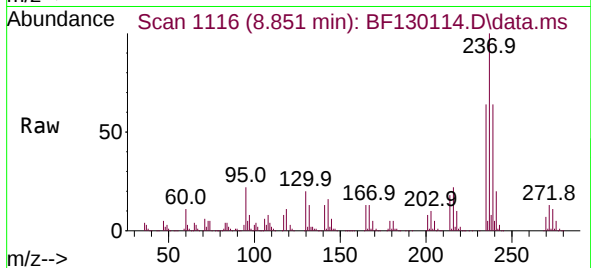
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	22.4	18.1	27.1
108	22.6	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 87.457 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

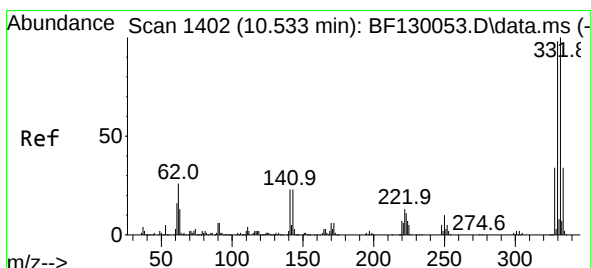
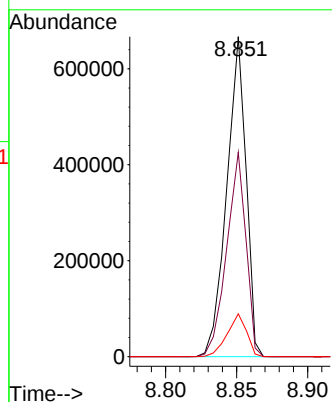
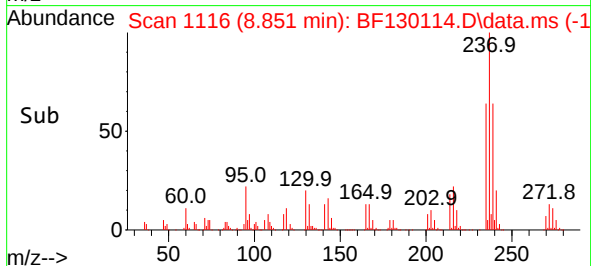
Instrument :
BNA_F
ClientSampleId :
MW-05MS



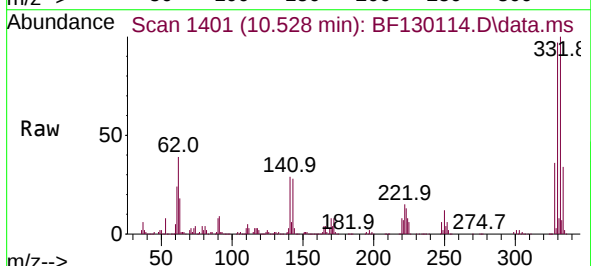
Tgt Ion:237 Resp: 632660
Ion Ratio Lower Upper
237 100
235 63.8 41.5 81.5
272 13.4 0.0 33.3

Manual Integrations
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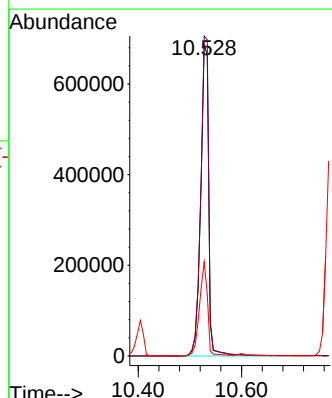
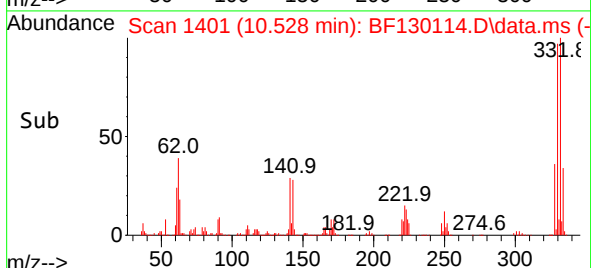
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

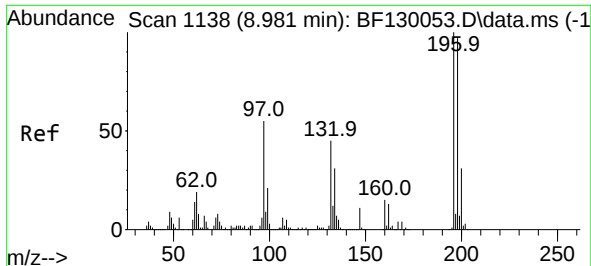


#42
2,4,6-Tribromophenol
Concen: 152.493 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



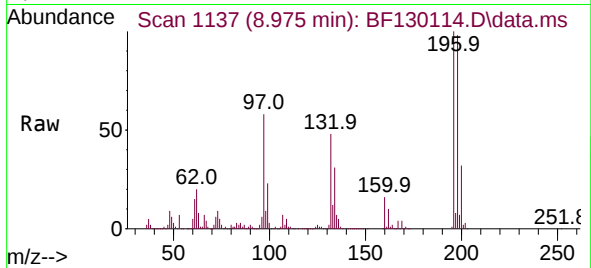
Tgt Ion:330 Resp: 736853
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 30.3 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 47.856 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

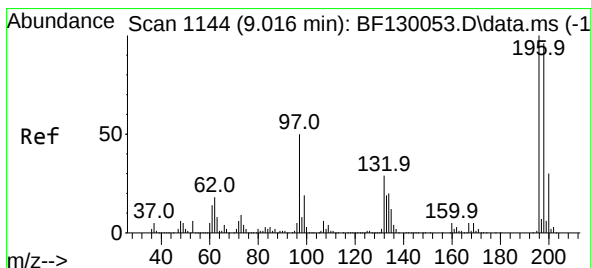
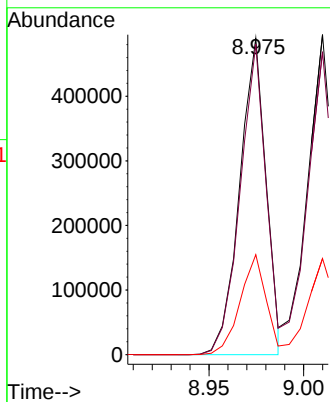
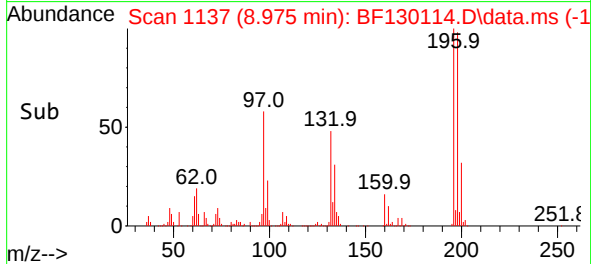
Instrument :
BNA_F
ClientSampleId :
MW-05MS



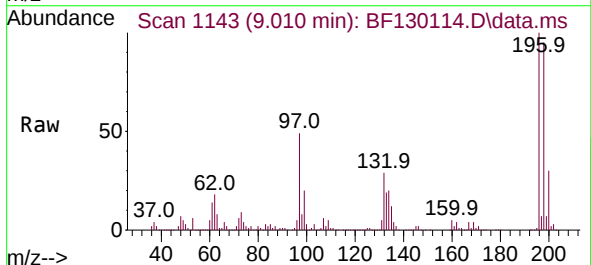
Tgt Ion:196 Resp: 472837
Ion Ratio Lower Upper
196 100
198 98.1 79.0 118.4
200 31.6 25.1 37.7

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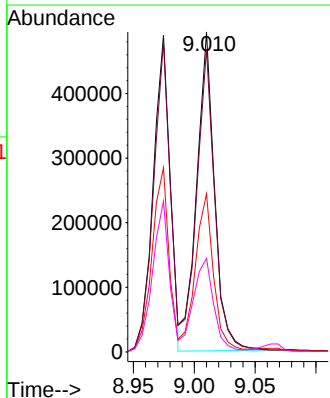
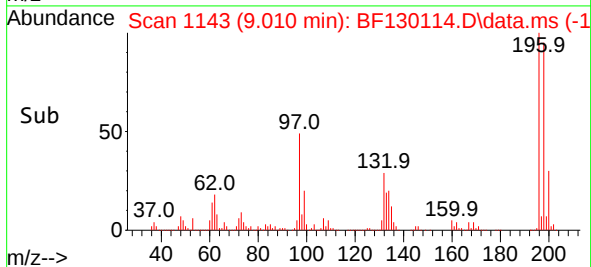
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

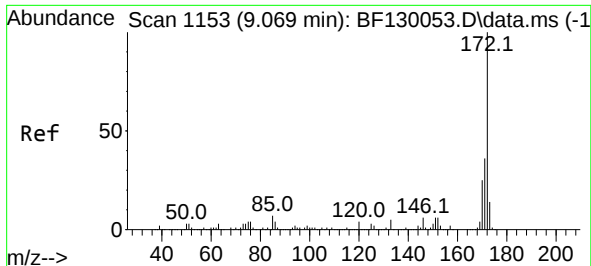


#44
2,4,5-Trichlorophenol
Concen: 47.328 ng
RT: 9.010 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion:196 Resp: 506847
Ion Ratio Lower Upper
196 100
198 94.6 76.4 114.6
97 49.4 46.5 69.7
132 29.2 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 84.793 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:172 Resp: 2714825

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

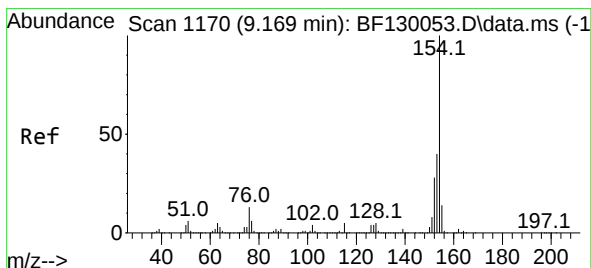
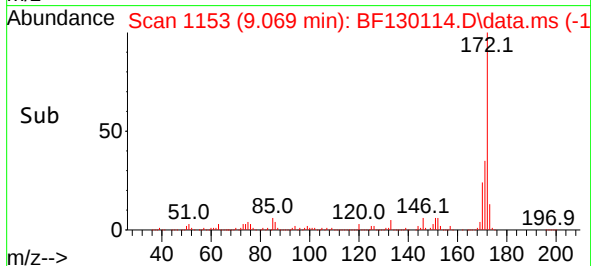
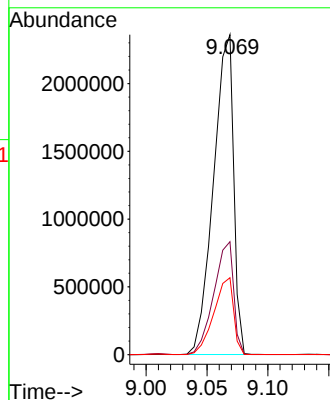
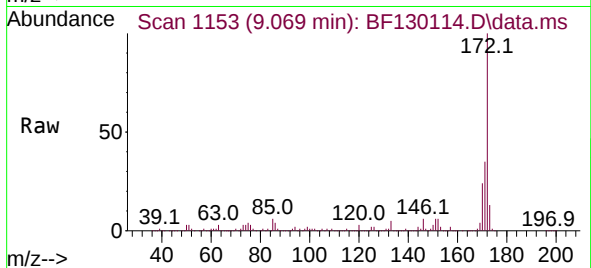
170 24.1 19.1 28.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#46

1,1'-Biphenyl

Concen: 46.025 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

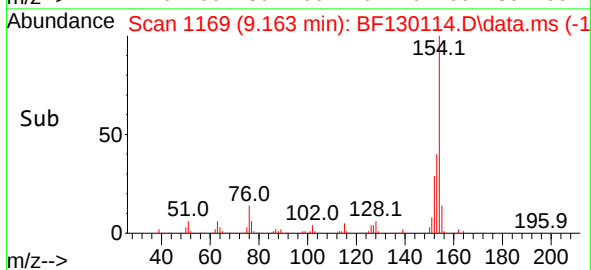
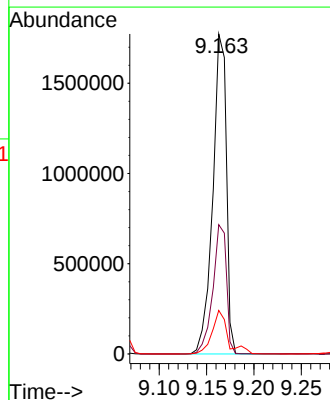
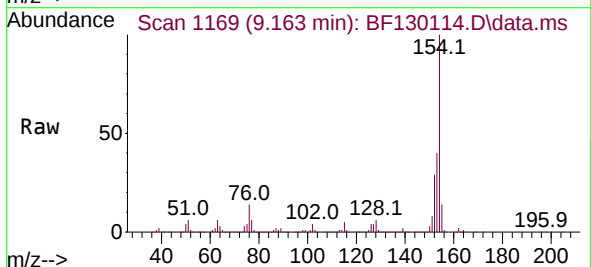
Tgt Ion:154 Resp: 1774944

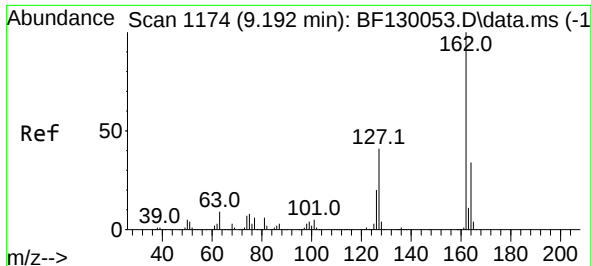
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 13.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 45.371 ng

RT: 9.186 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:162 Resp: 1401970

Ion Ratio Lower Upper

162 100

127 42.6 33.1 49.7

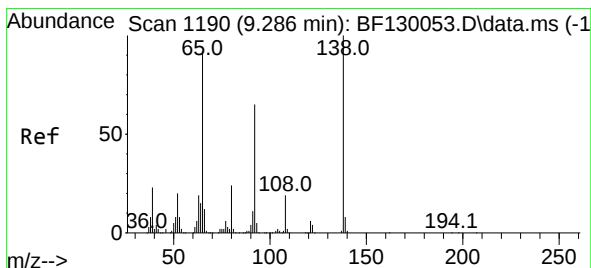
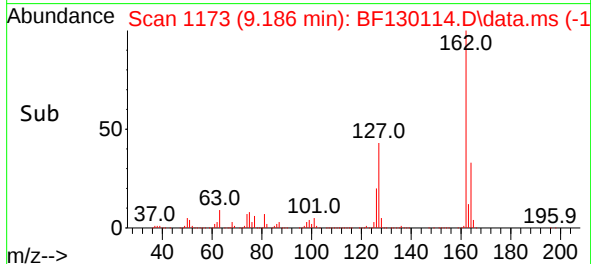
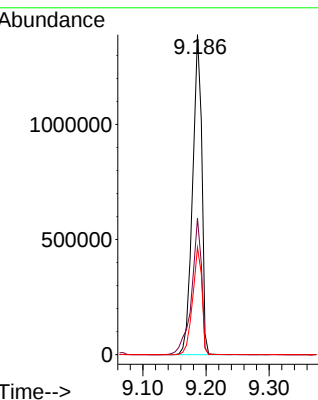
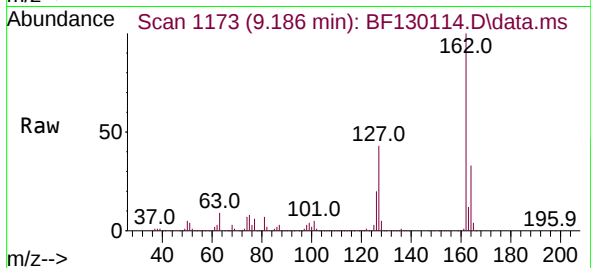
164 33.5 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#48

2-Nitroaniline

Concen: 58.682 ng

RT: 9.286 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

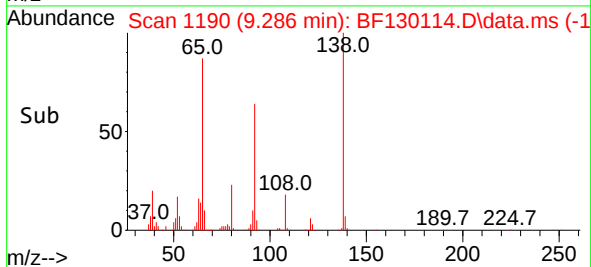
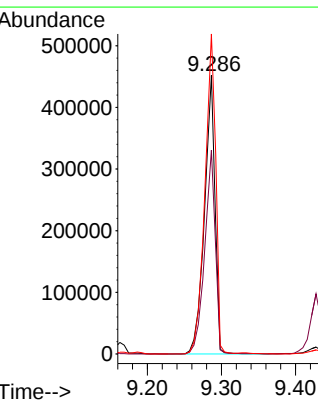
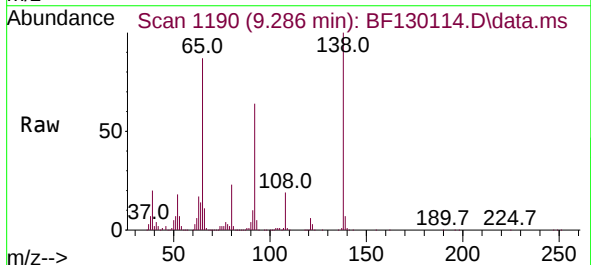
Tgt Ion: 65 Resp: 446836

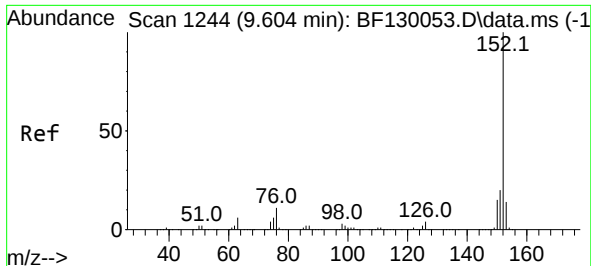
Ion Ratio Lower Upper

65 100

92 73.1 55.0 82.4

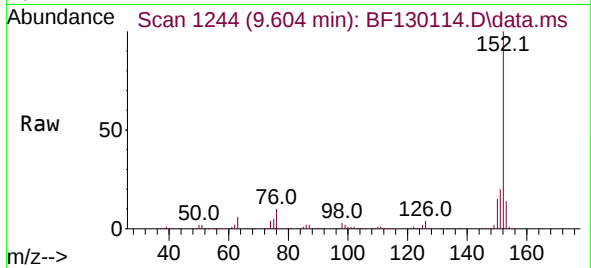
138 114.9 81.3 121.9





#49
Acenaphthylene
Concen: 45.797 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

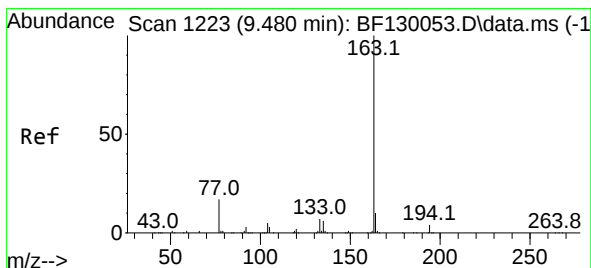
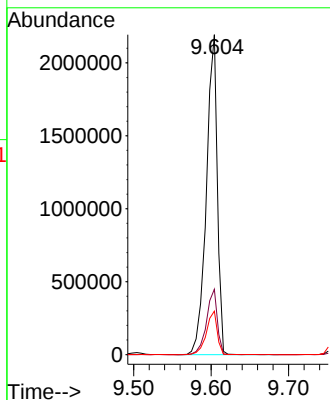
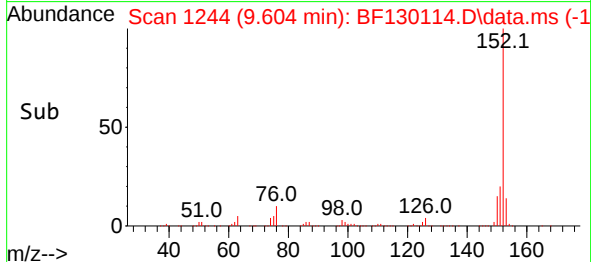
Instrument :
BNA_F
ClientSampleId :
MW-05MS



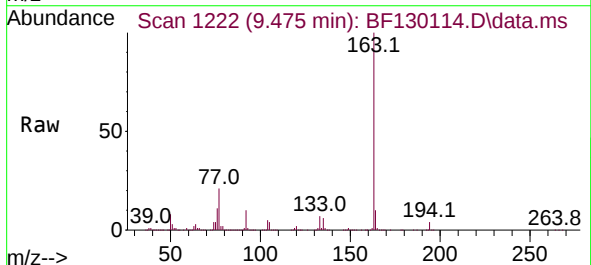
Tgt Ion:152 Resp: 2148896
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.6 10.6 16.0

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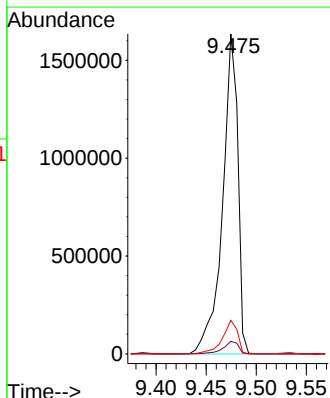
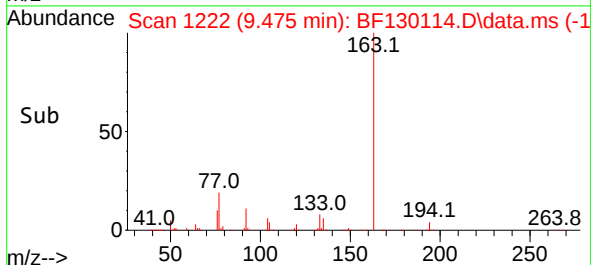
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

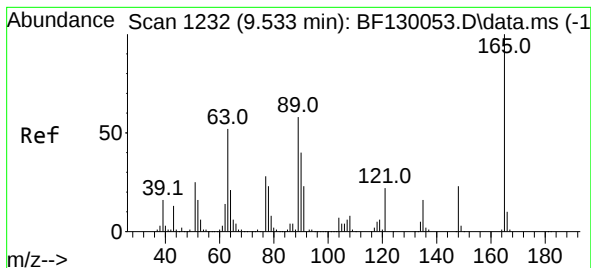


#50
Dimethylphthalate
Concen: 48.173 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



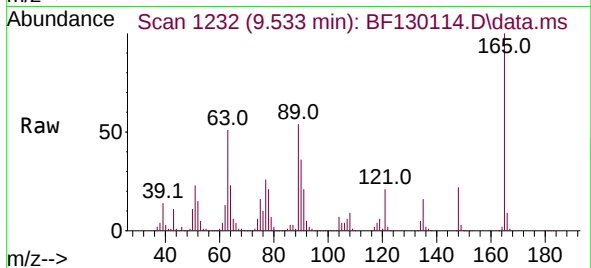
Tgt Ion:163 Resp: 1741740
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 56.671 ng
RT: 9.533 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

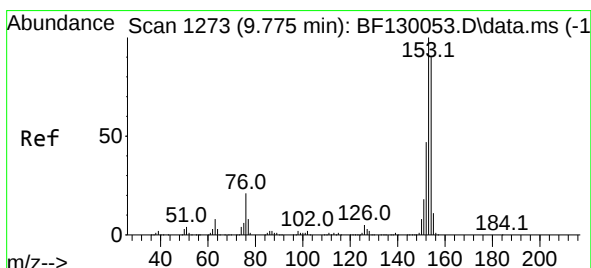
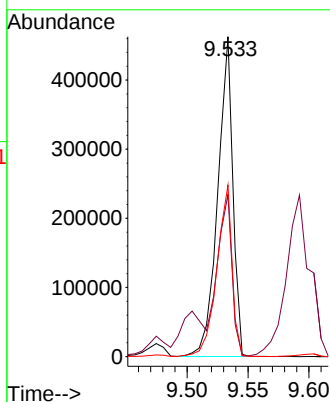
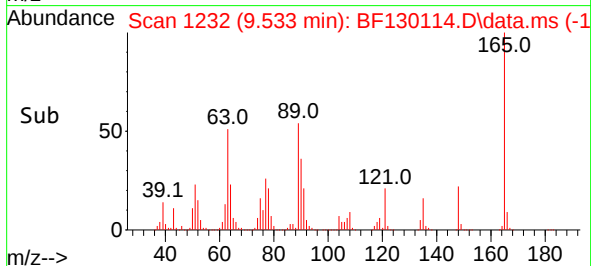
Instrument :
BNA_F
ClientSampleId :
MW-05MS



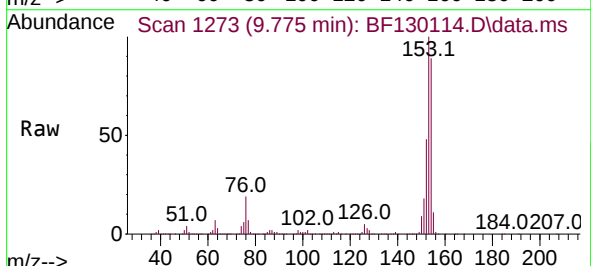
Tgt Ion:165 Resp: 399493
Ion Ratio Lower Upper
165 100
63 50.6 47.8 71.8
89 53.6 47.2 70.8

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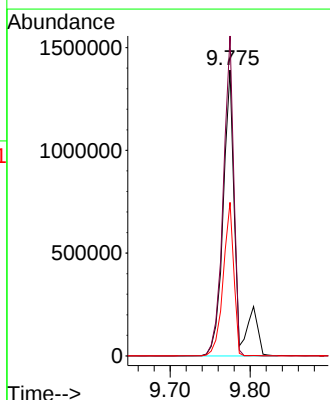
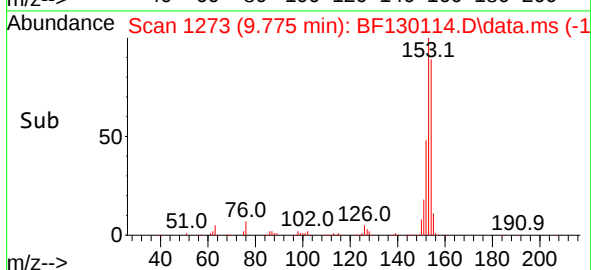
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

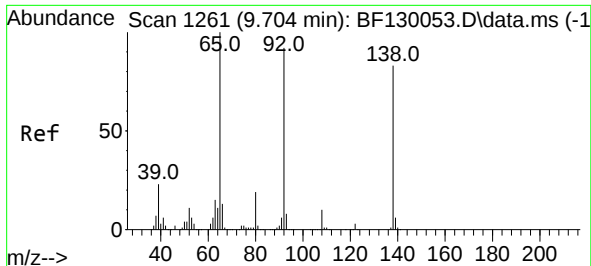


#52
Acenaphthene
Concen: 51.376 ng m
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion:154 Resp: 1519262
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.7 42.1 63.1





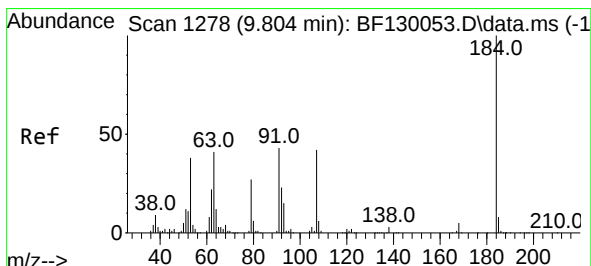
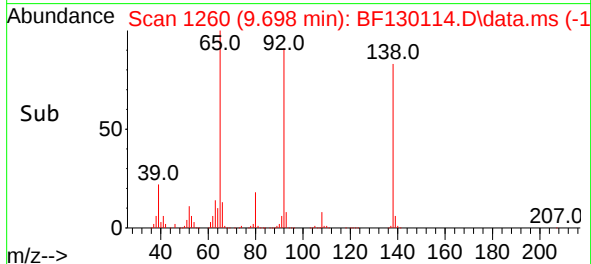
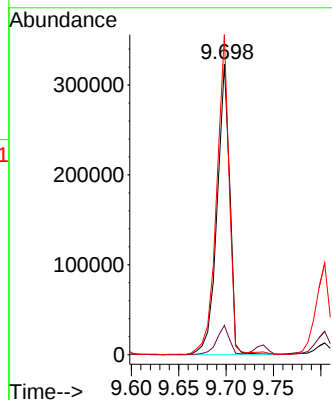
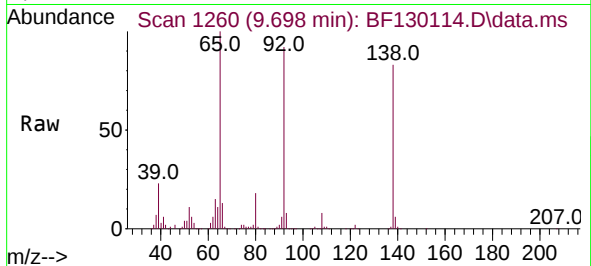
#53
3-Nitroaniline
Concen: 37.089 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:138 Resp: 300097
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 110.2 89.8 134.8

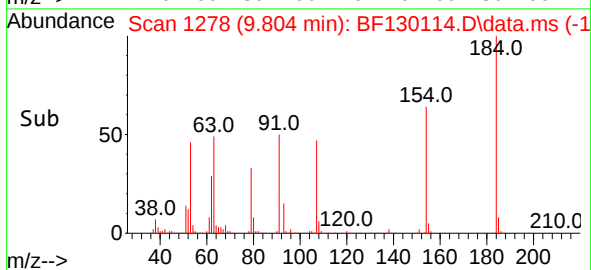
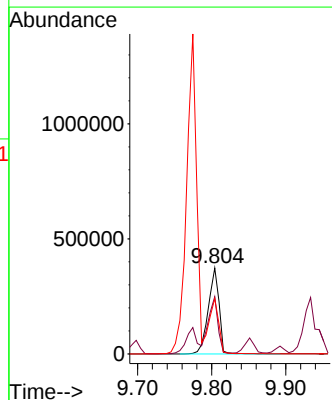
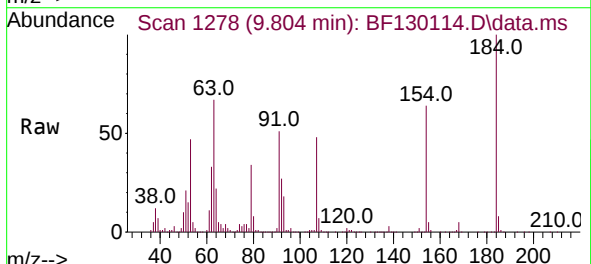
Manual Integrations
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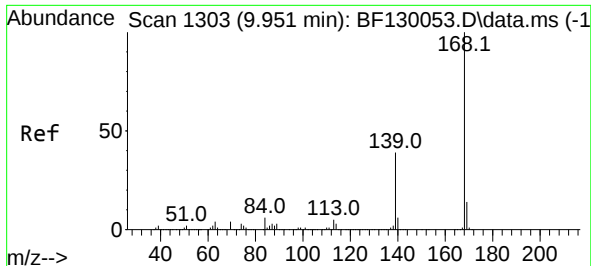
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#54
2,4-Dinitrophenol
Concen: 113.794 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

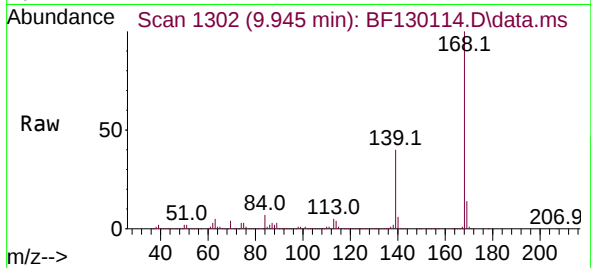
Tgt Ion:184 Resp: 376353
Ion Ratio Lower Upper
184 100
63 66.7 59.6 89.4
154 64.5 55.3 82.9





#55
Dibenzofuran
Concen: 46.712 ng
RT: 9.945 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

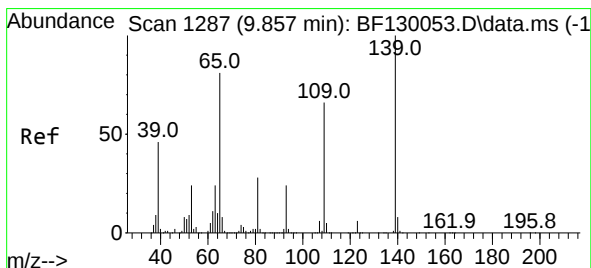
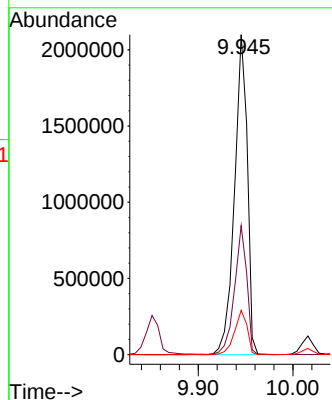
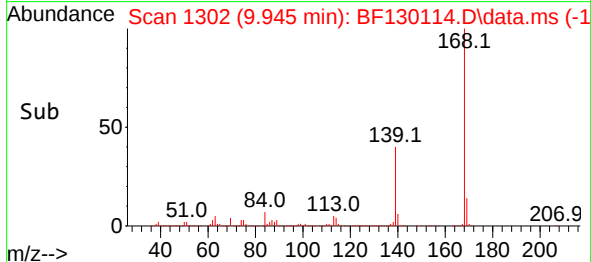
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:168 Resp: 1978014
Ion Ratio Lower Upper
168 100
139 40.3 31.3 46.9
169 13.8 10.7 16.1

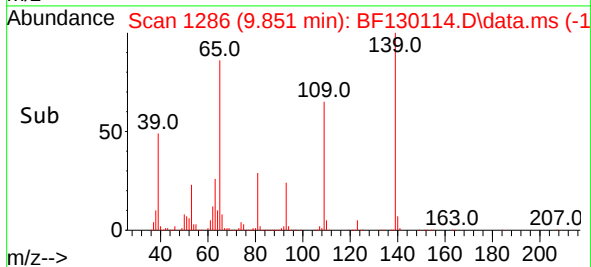
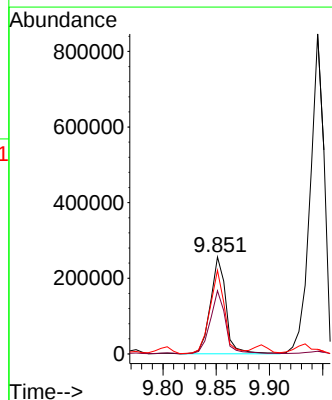
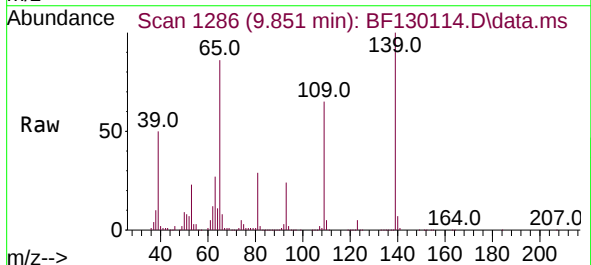
Manual Integrations
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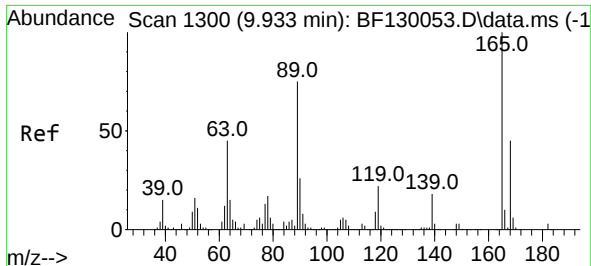
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#56
4-Nitrophenol
Concen: 41.464 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

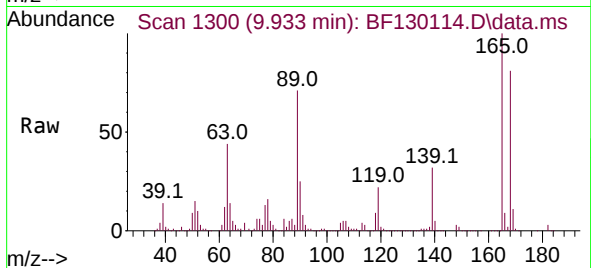
Tgt Ion:139 Resp: 258650
Ion Ratio Lower Upper
139 100
109 65.1 52.9 92.9
65 86.3 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 61.616 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

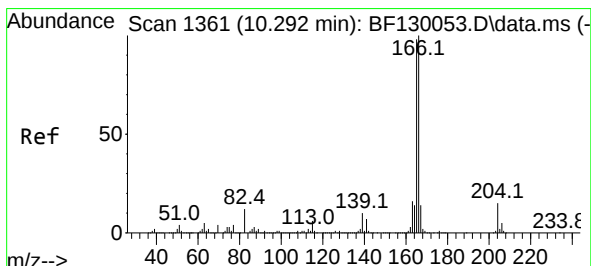
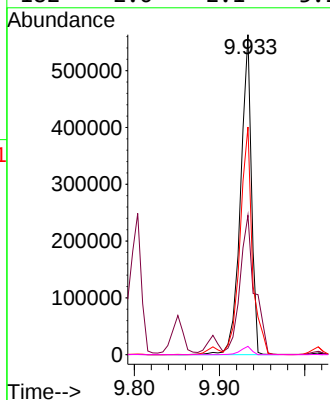
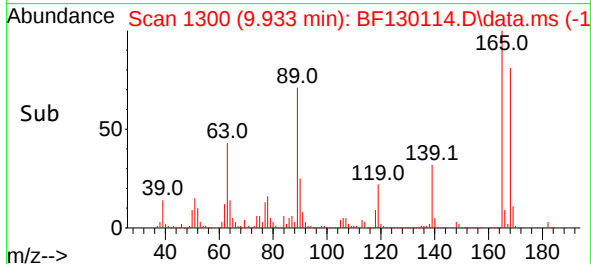
Instrument :
BNA_F
ClientSampleId :
MW-05MS



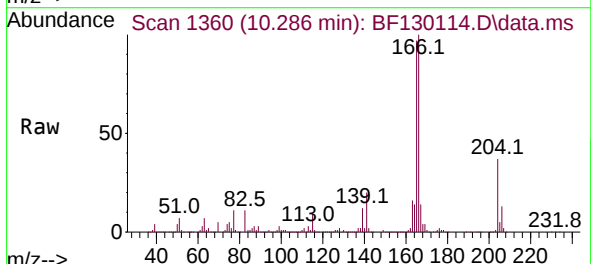
Tgt Ion:165 Resp: 500073
Ion Ratio Lower Upper
165 100
63 43.5 48.4 72.6
89 71.1 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
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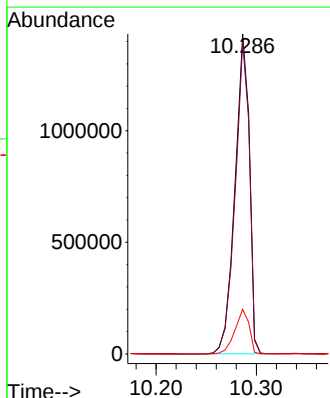
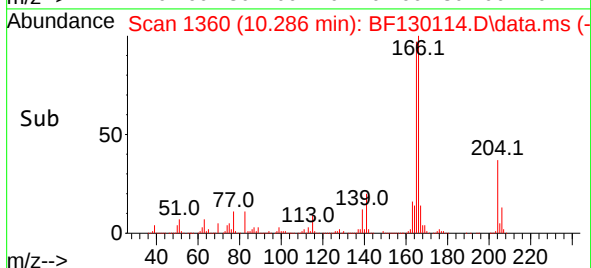
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

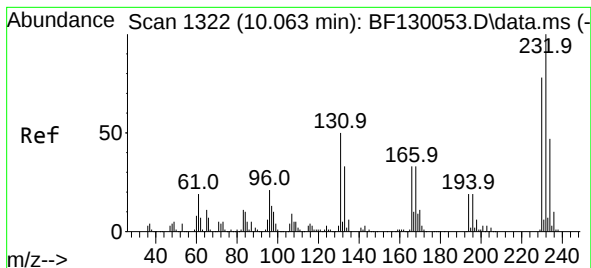


#58
Fluorene
Concen: 44.353 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



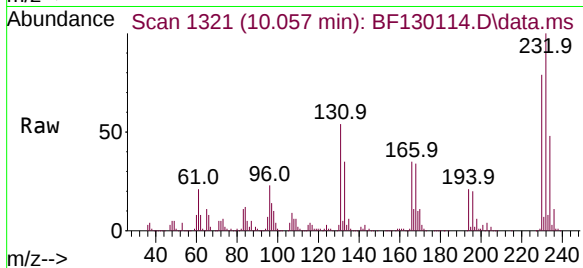
Tgt Ion:166 Resp: 1429027
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.507 ng
RT: 10.057 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

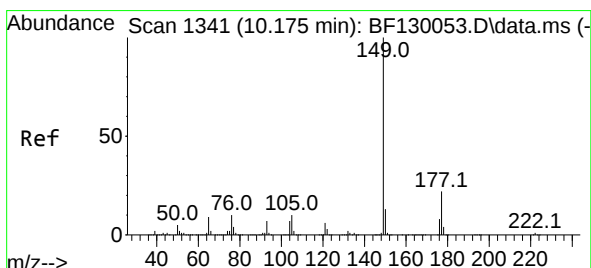
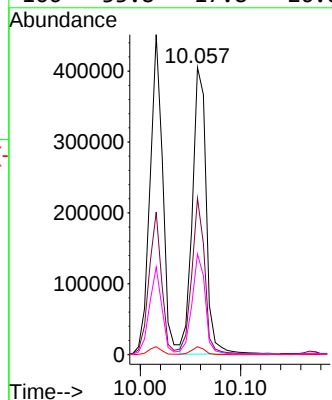
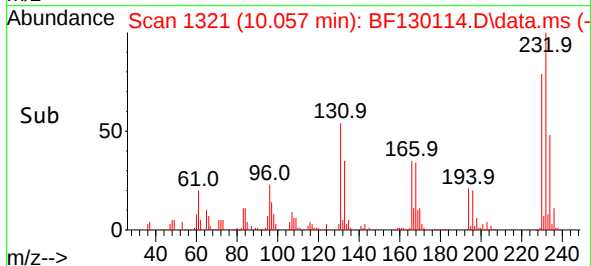
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:232 Resp: 386829
Ion Ratio Lower Upper
232 100
131 51.3 29.9 44.9
130 2.6 1.5 2.3
166 33.8 17.8 26.8

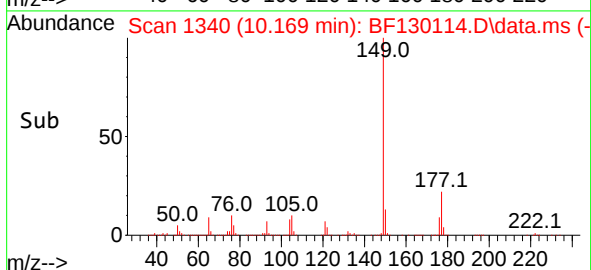
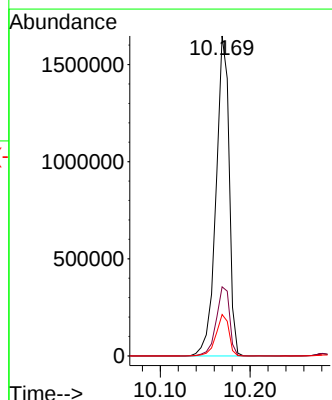
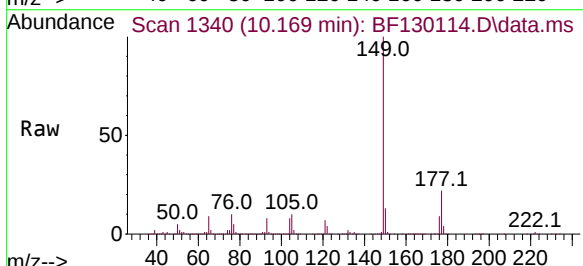
Manual Integrations
APPROVED

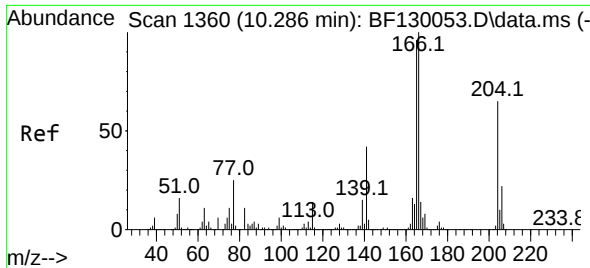
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#60
Diethylphthalate
Concen: 48.068 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:149 Resp: 1681342
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.9 10.1 15.1





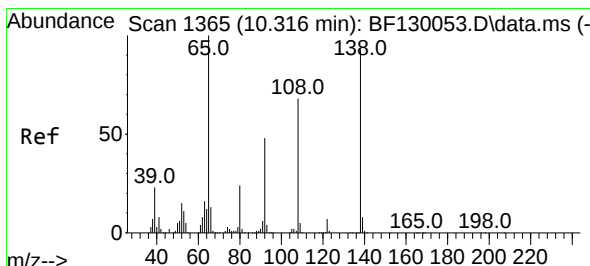
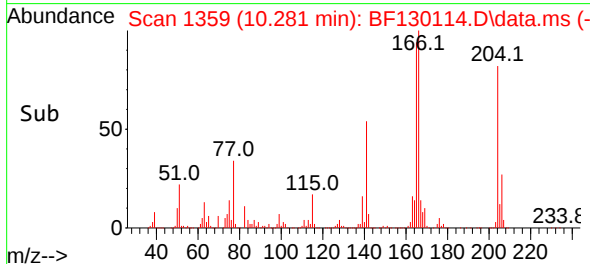
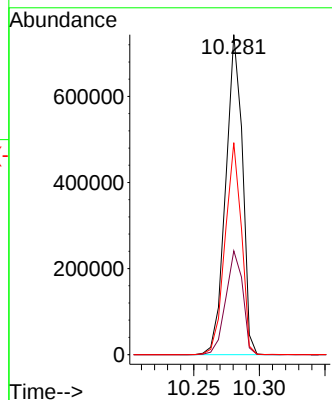
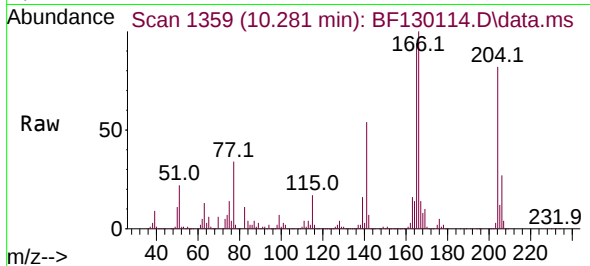
#61
4-Chlorophenyl-phenylether
Concen: 46.205 ng
RT: 10.281 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:204 Resp: 658092
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 66.2 52.6 79.0

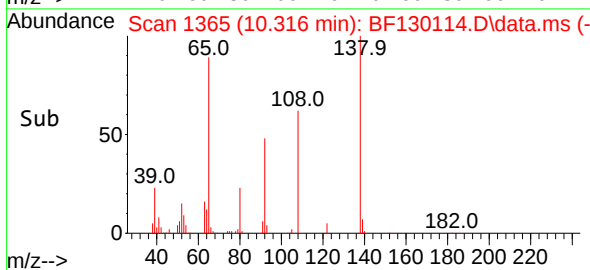
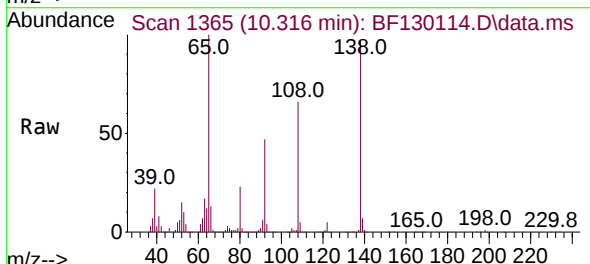
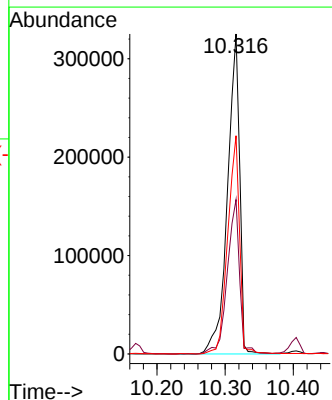
Manual Integrations
APPROVED

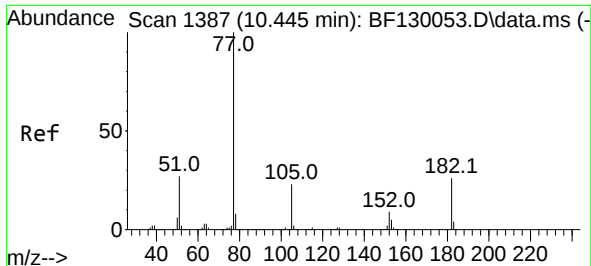
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#62
4-Nitroaniline
Concen: 51.121 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

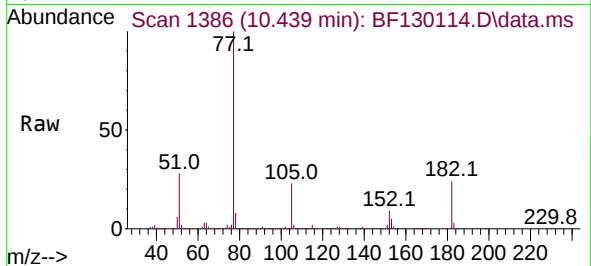
Tgt Ion:138 Resp: 402272
Ion Ratio Lower Upper
138 100
92 48.2 30.3 70.3
108 68.2 55.7 95.7





#63
Azobenzene
Concen: 46.087 ng
RT: 10.439 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

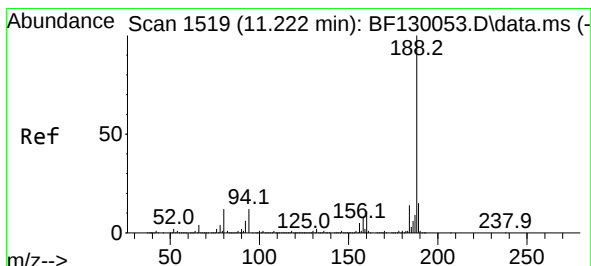
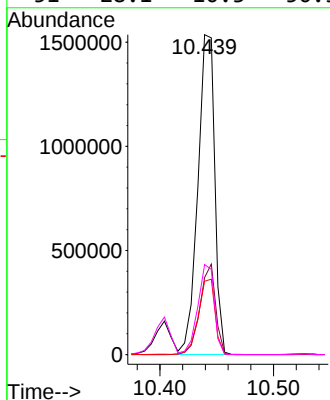
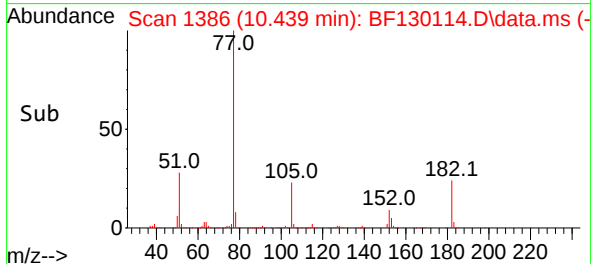
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion: 77 Resp: 158720
Ion Ratio Lower Upper
77 100
182 24.1 2.2 42.2
105 22.9 0.8 40.8
51 28.1 10.3 50.3

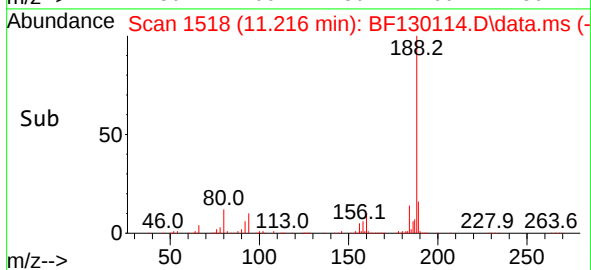
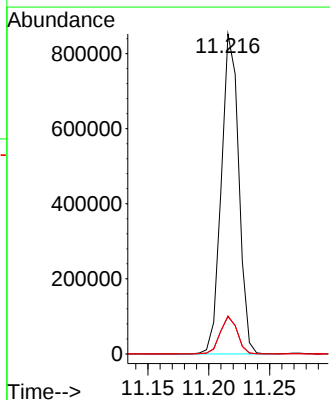
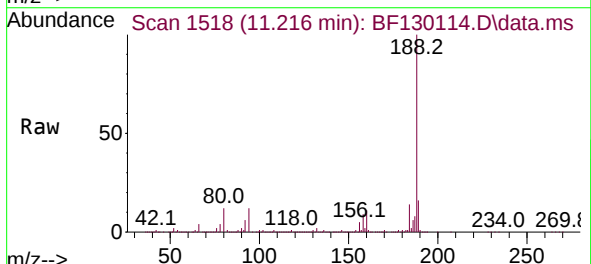
Manual Integrations
APPROVED

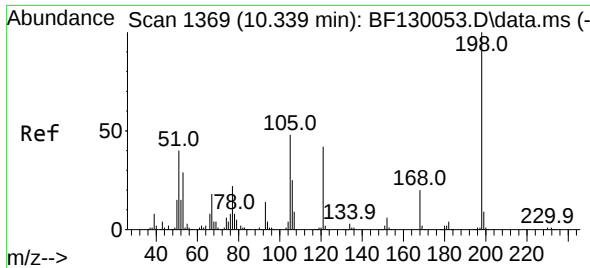
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:188 Resp: 848349
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 11.9 7.9 11.9





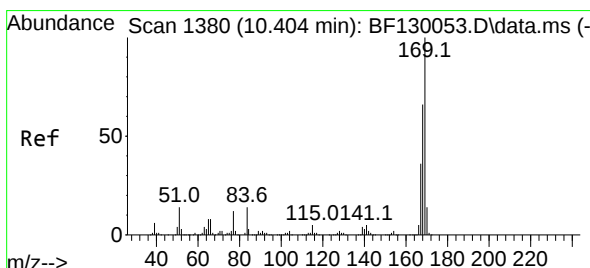
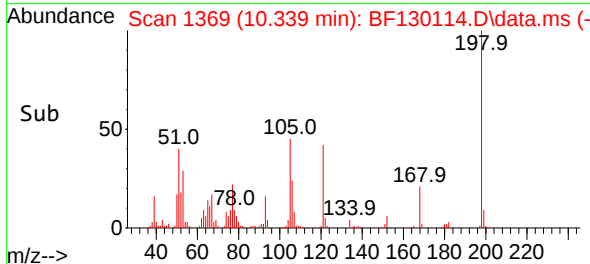
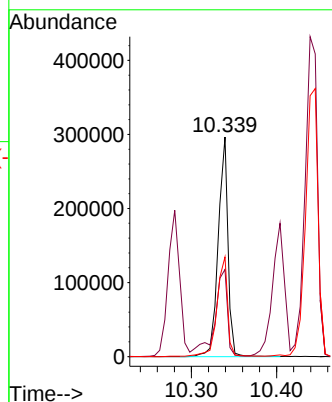
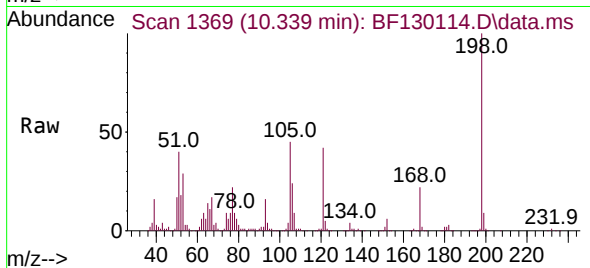
#65
4,6-Dinitro-2-methylphenol
Concen: 57.578 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:198 Resp: 235510
Ion Ratio Lower Upper
198 100
51 39.7 29.4 69.4
105 45.4 29.2 69.2

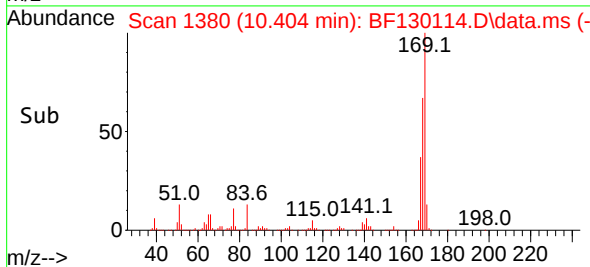
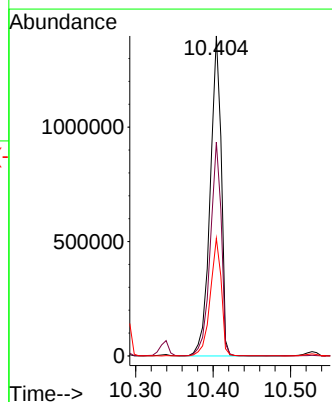
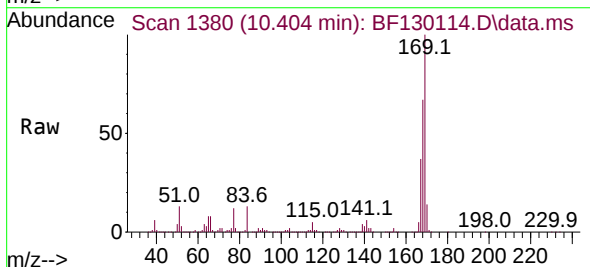
Manual Integrations
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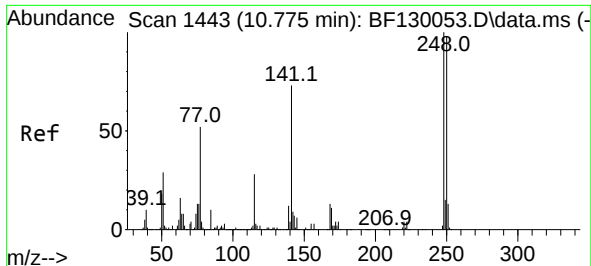
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#66
n-Nitrosodiphenylamine
Concen: 48.679 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

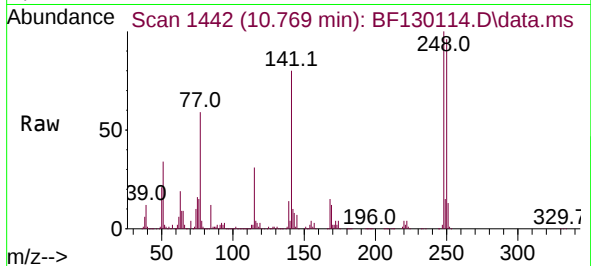
Tgt Ion:169 Resp: 1380525
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.7 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.976 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

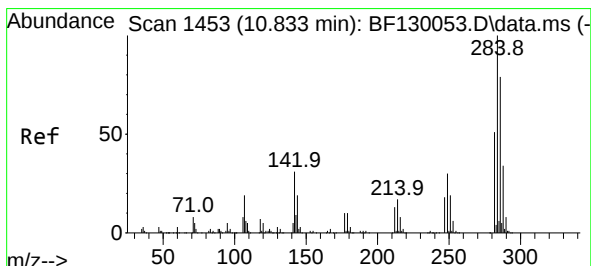
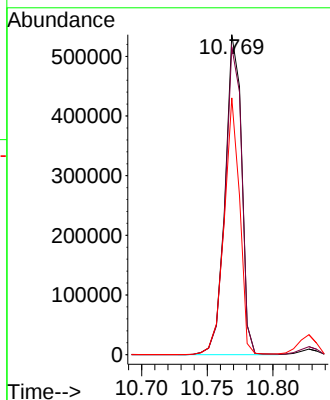
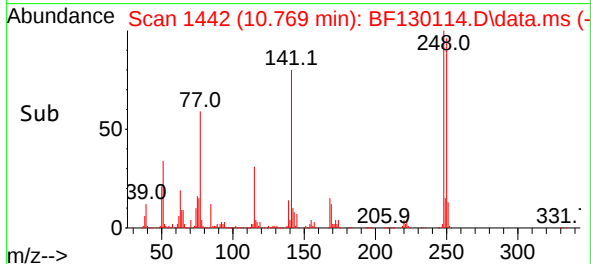
Instrument :
BNA_F
ClientSampleId :
MW-05MS



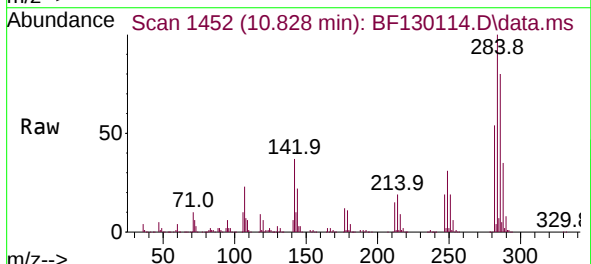
Tgt Ion:248 Resp: 471585
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 80.2 66.2 99.2

Manual Integrations
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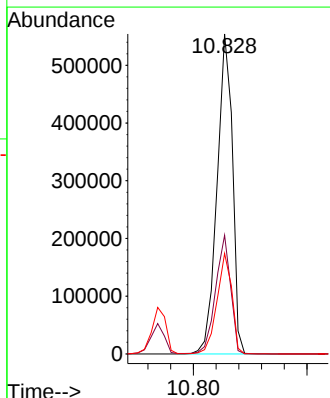
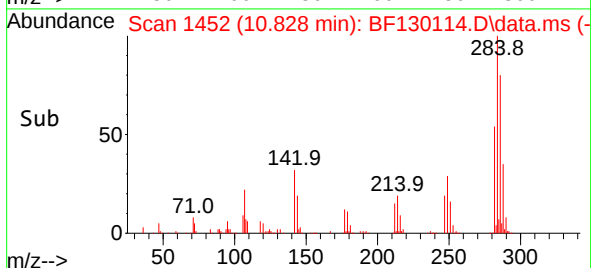
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

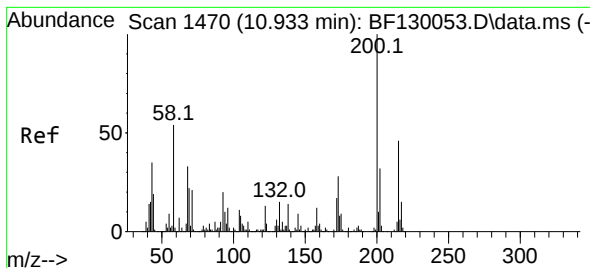


#68
Hexachlorobenzene
Concen: 50.539 ng
RT: 10.828 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion:284 Resp: 519638
Ion Ratio Lower Upper
284 100
142 37.1 31.4 47.0
249 31.4 25.7 38.5





#69

Atrazine

Concen: 54.332 ng

RT: 10.933 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:200 Resp: 435908

Ion Ratio Lower Upper

200 100

173 27.7 6.4 46.4

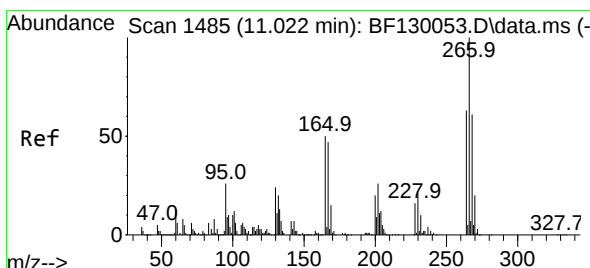
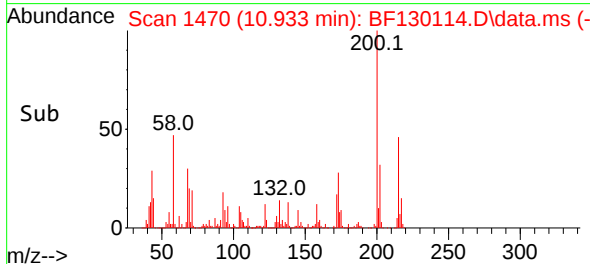
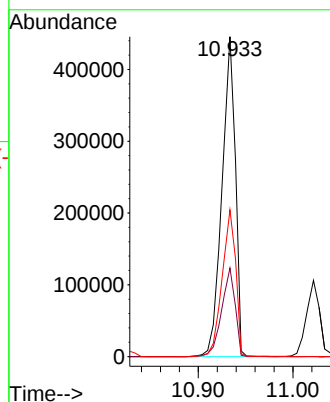
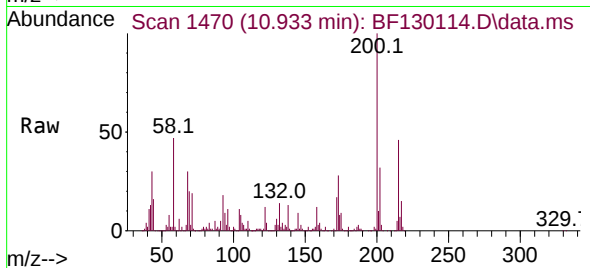
215 45.9 27.1 67.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#70

Pentachlorophenol

Concen: 98.312 ng

RT: 11.022 min Scan# 1485

Delta R.T. 0.000 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

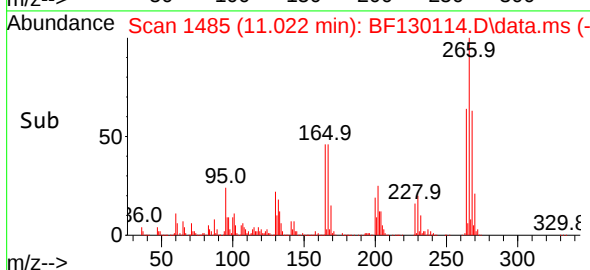
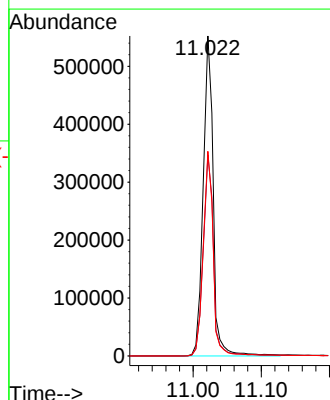
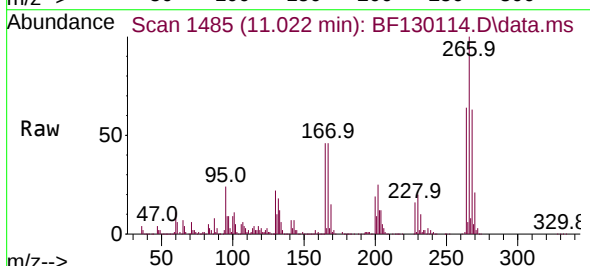
Tgt Ion:266 Resp: 565250

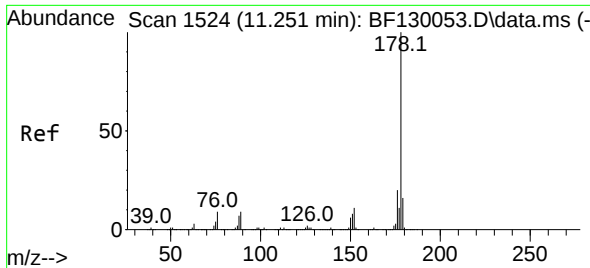
Ion Ratio Lower Upper

266 100

268 62.8 49.0 73.4

264 63.9 47.9 71.9





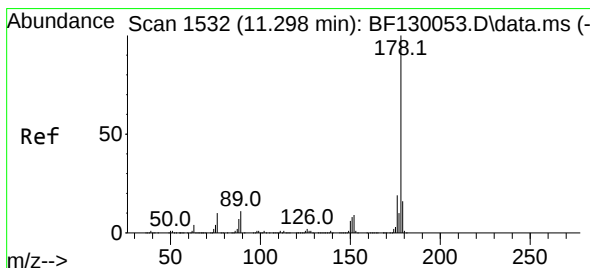
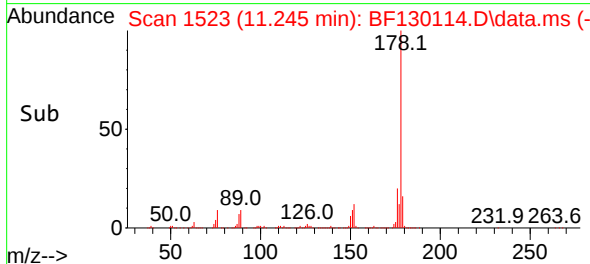
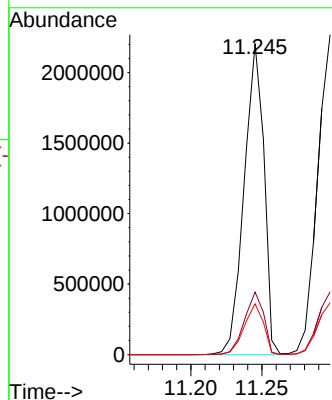
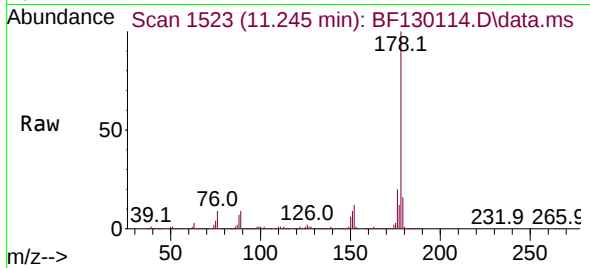
#71
Phenanthrene
Concen: 46.407 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:178 Resp: 213507
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.3 12.5 18.7

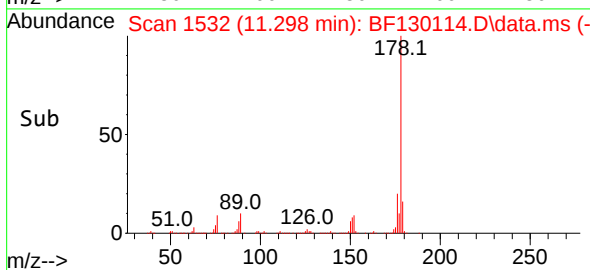
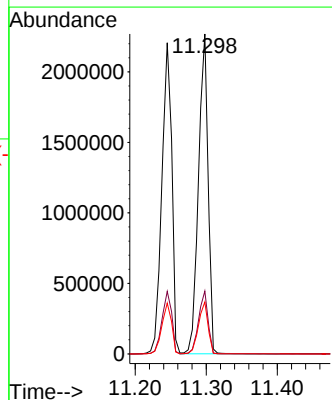
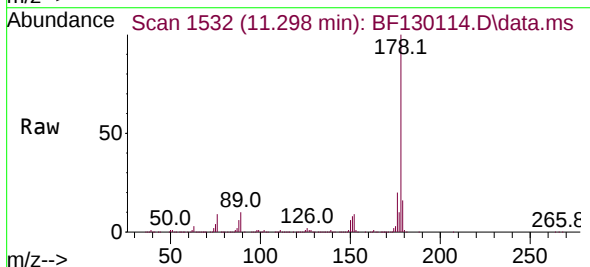
Manual Integrations
APPROVED

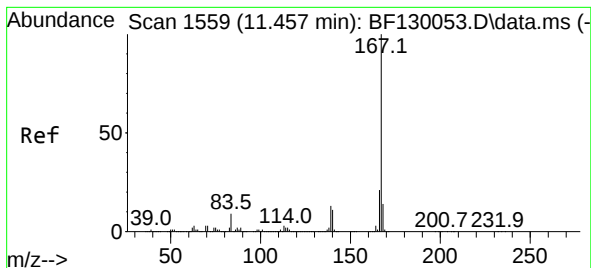
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#72
Anthracene
Concen: 46.981 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

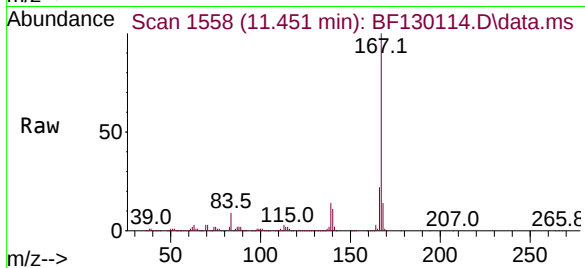
Tgt Ion:178 Resp: 2124828
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.2 12.6 18.8





#73
 Carbazole
 Concen: 48.525 ng
 RT: 11.451 min Scan# 1558
 Delta R.T. -0.006 min
 Lab File: BF130114.D
 Acq: 02 Sep 2022 16:46

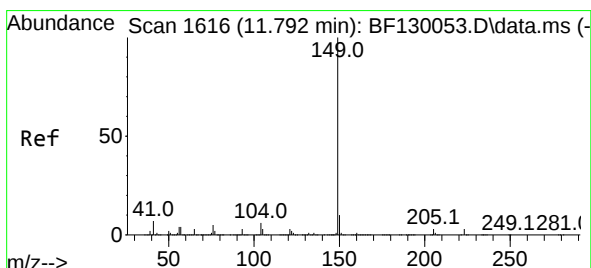
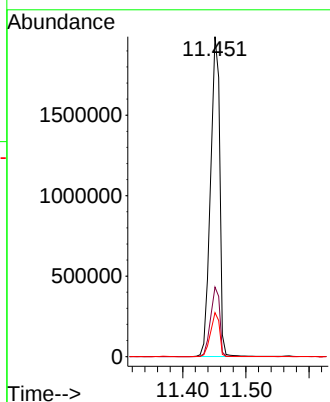
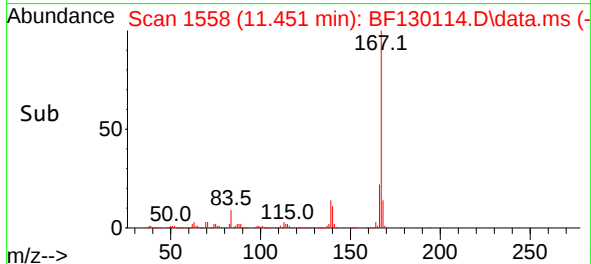
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS



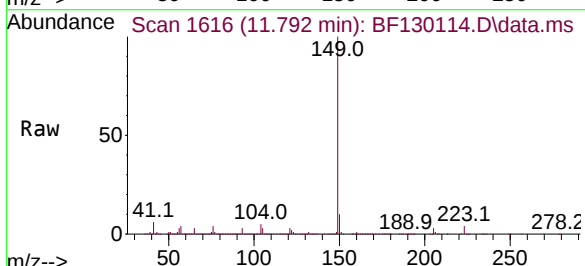
Tgt Ion:167 Resp: 202378
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.7 11.0 16.6

Manual Integrations
 APPROVED

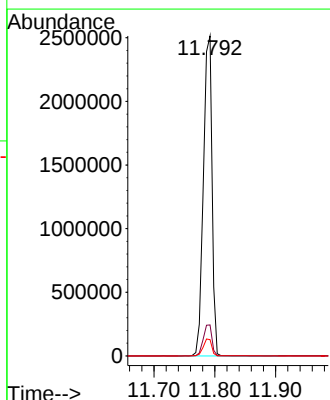
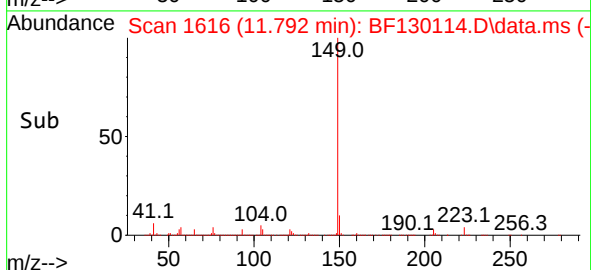
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

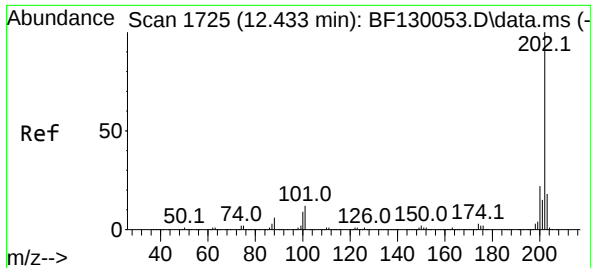


#74
 Di-n-butylphthalate
 Concen: 48.990 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF130114.D
 Acq: 02 Sep 2022 16:46



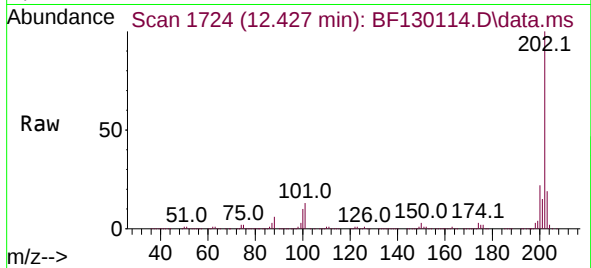
Tgt Ion:149 Resp: 2463763
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 45.455 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

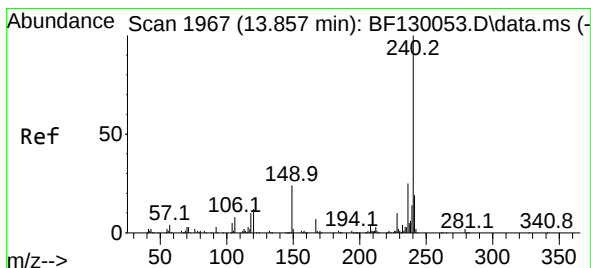
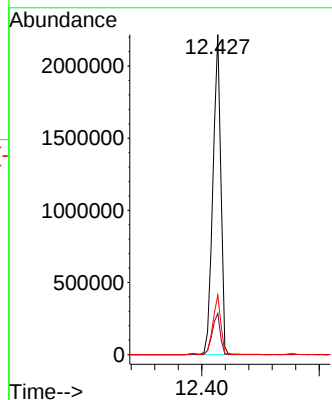
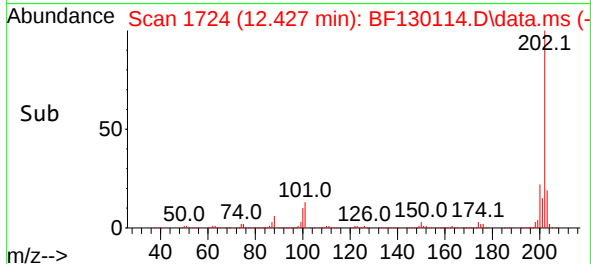
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:202 Resp: 2073739
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 18.6 0.0 37.5

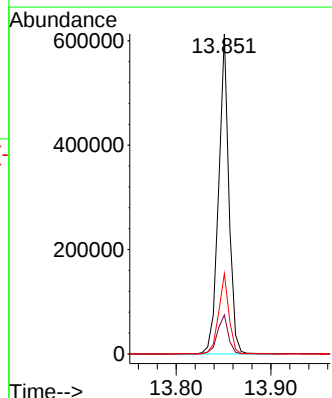
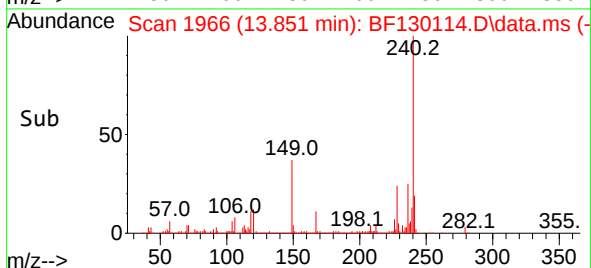
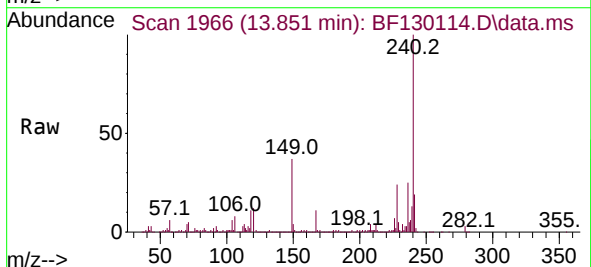
Manual Integrations
APPROVED

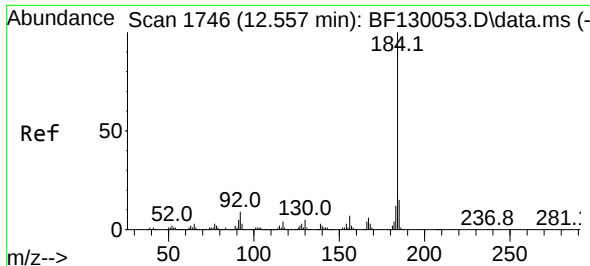
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

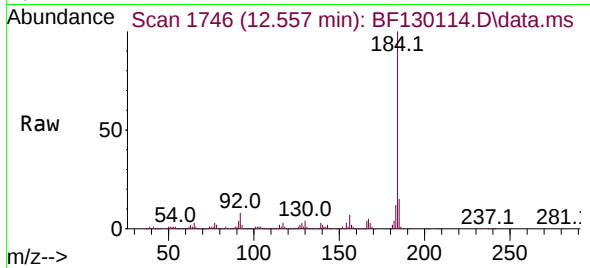
Tgt Ion:240 Resp: 461628
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.1 20.7 31.1





#77
Benzidine
Concen: 61.767 ng
RT: 12.557 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

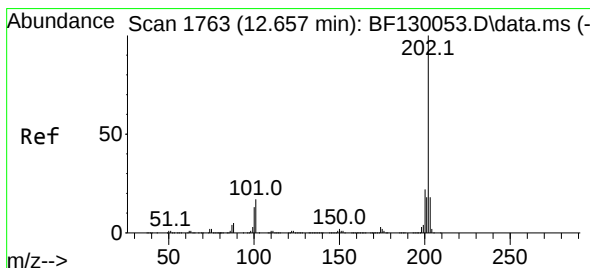
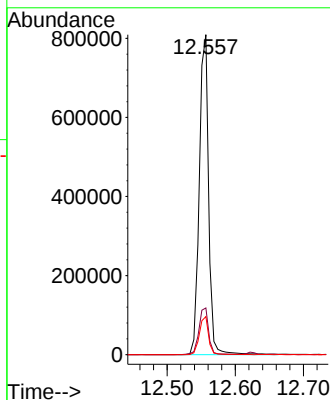
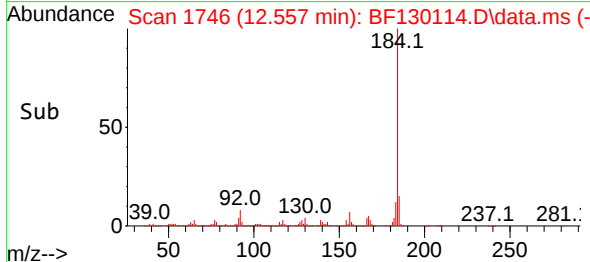
Instrument :
BNA_F
ClientSampleId :
MW-05MS



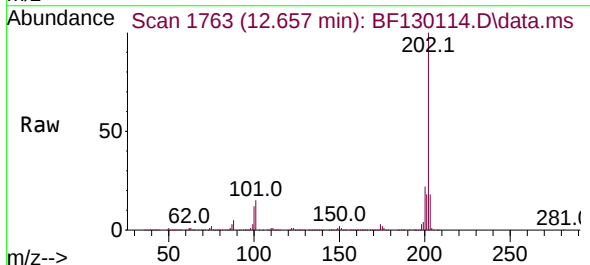
Tgt Ion:184 Resp: 769830
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.9 9.4 14.2

Manual Integrations
APPROVED

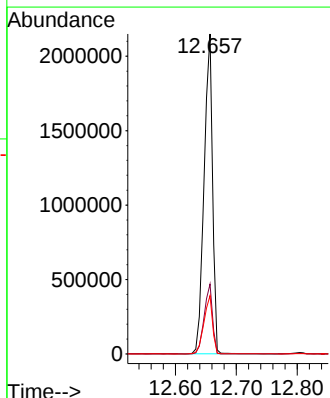
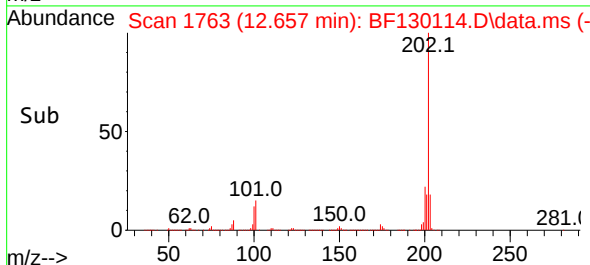
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

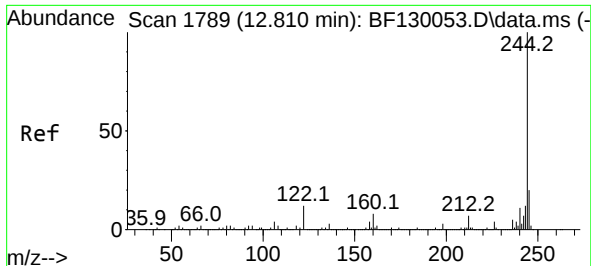


#78
Pyrene
Concen: 49.796 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



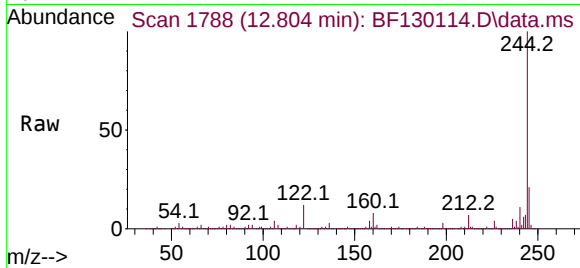
Tgt Ion:202 Resp: 2061822
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 96.167 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF130114.D
 Acq: 02 Sep 2022 16:46

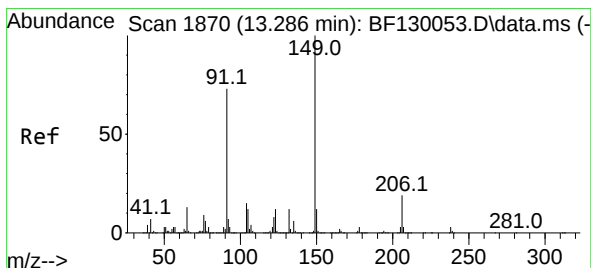
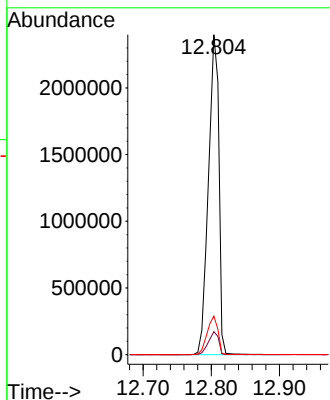
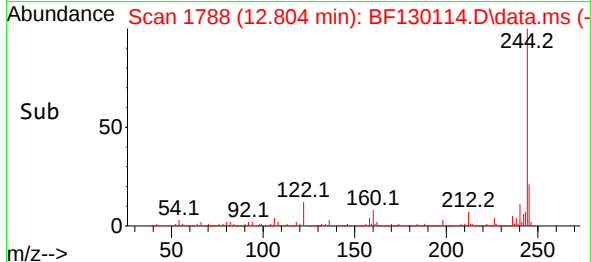
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS



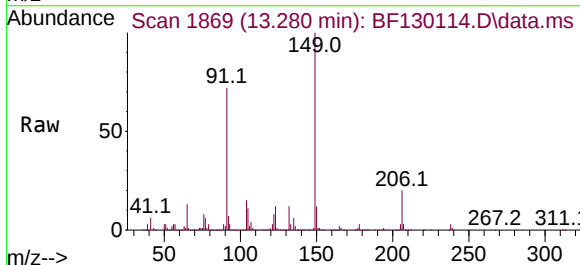
Tgt Ion:244 Resp: 255998
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.0 9.9 14.9

Manual Integrations
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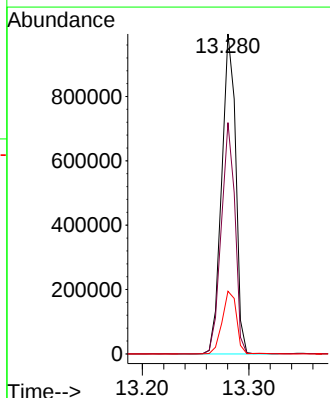
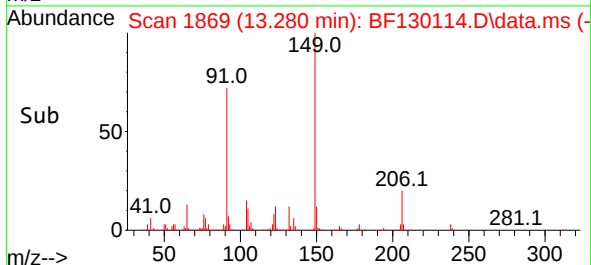
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

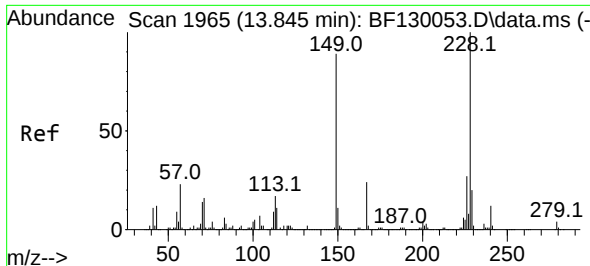


#80
 Butylbenzylphthalate
 Concen: 55.411 ng
 RT: 13.280 min Scan# 1869
 Delta R.T. -0.006 min
 Lab File: BF130114.D
 Acq: 02 Sep 2022 16:46



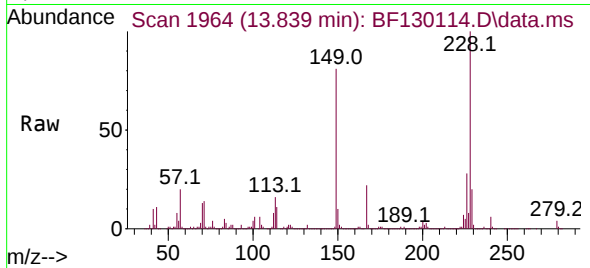
Tgt Ion:149 Resp: 912577
 Ion Ratio Lower Upper
 149 100
 91 72.3 55.4 83.0
 206 19.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.717 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

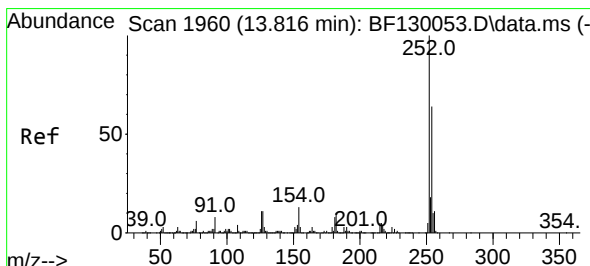
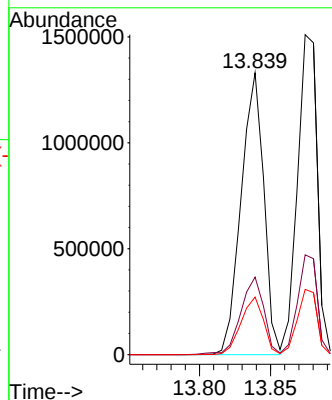
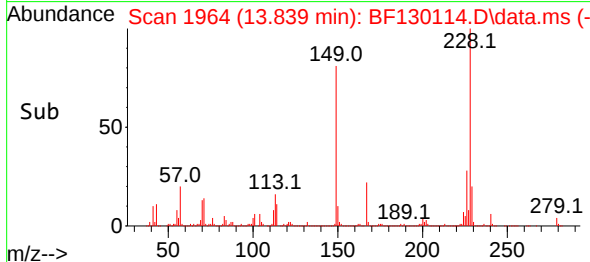
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:228 Resp: 1477911
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.4 16.1 24.1

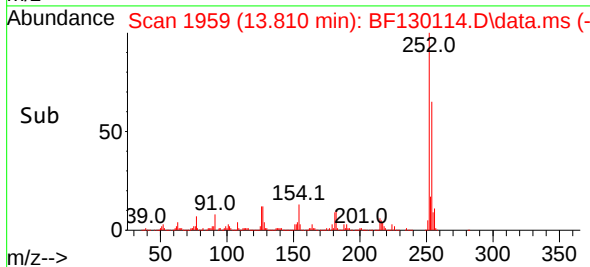
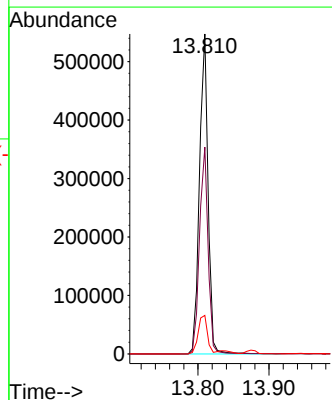
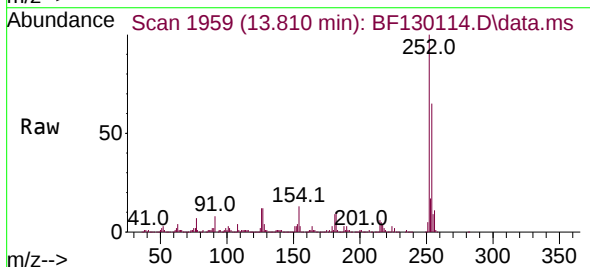
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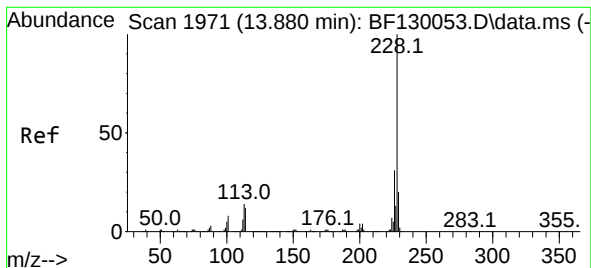
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 46.321 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:252 Resp: 456983
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 12.0 10.2 15.4





#83

Chrysene

Concen: 47.320 ng

RT: 13.874 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:228 Resp: 1475895

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

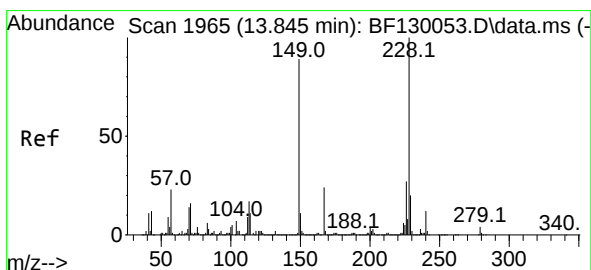
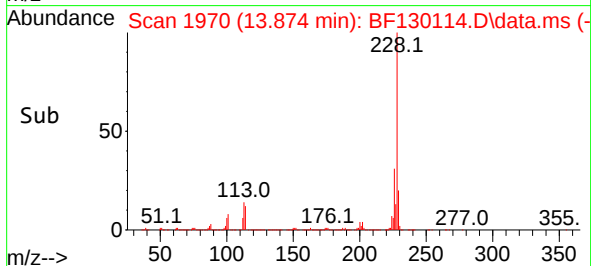
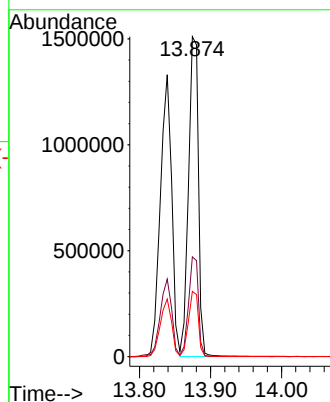
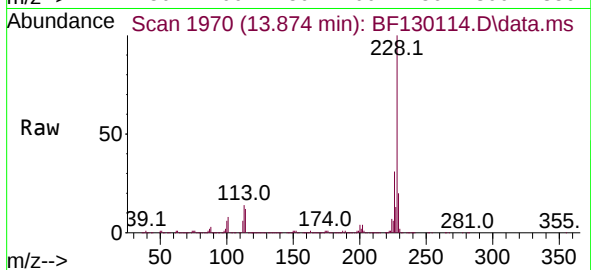
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.506 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

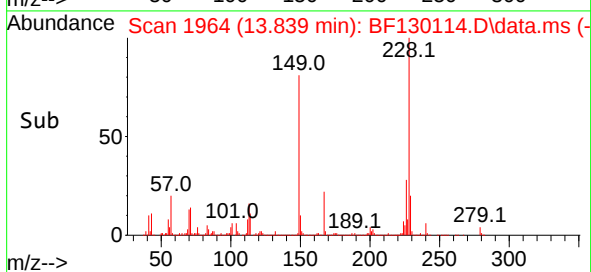
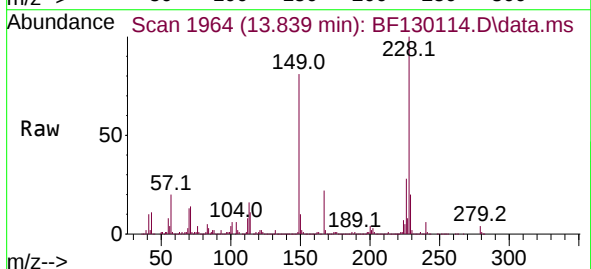
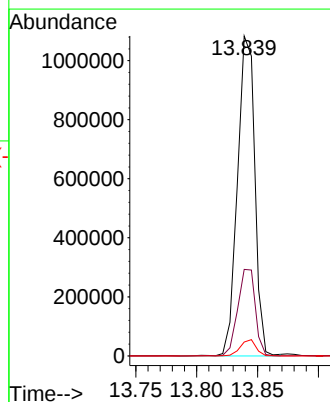
Tgt Ion:149 Resp: 1074854

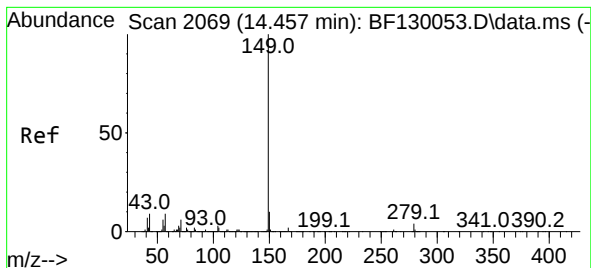
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 57.689 ng

RT: 14.451 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:149 Resp: 1865456

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

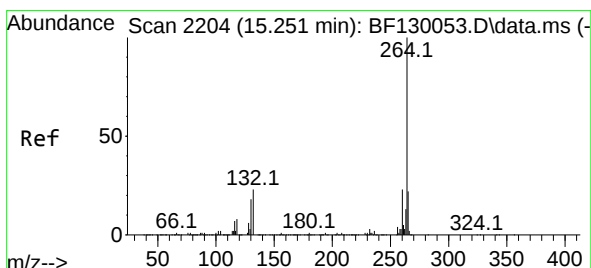
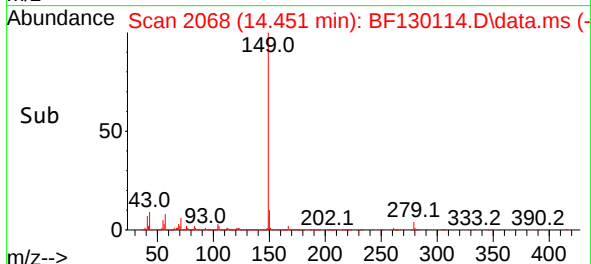
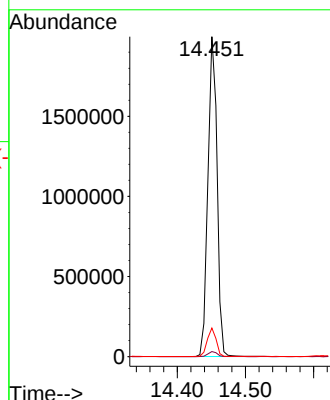
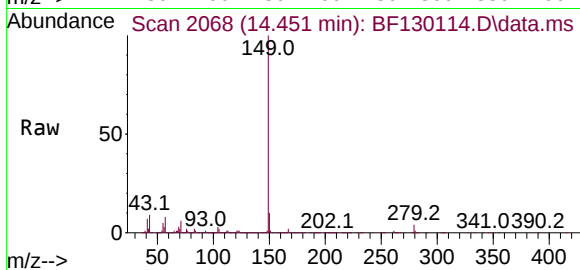
43 8.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

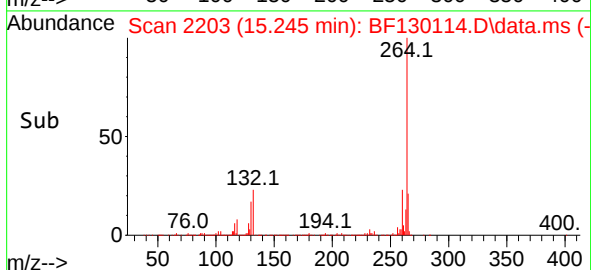
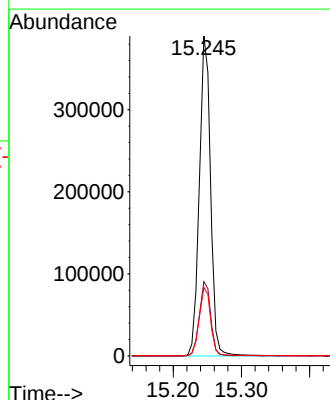
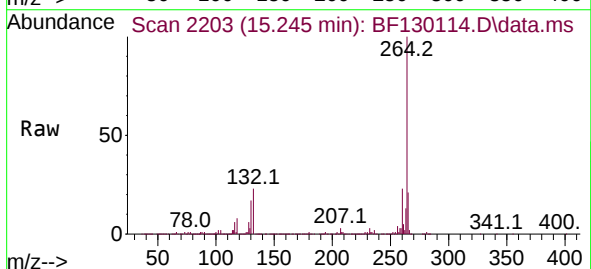
Tgt Ion:264 Resp: 446341

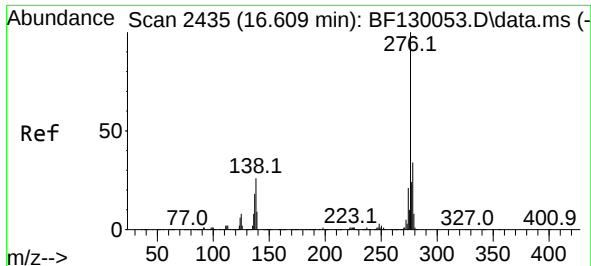
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

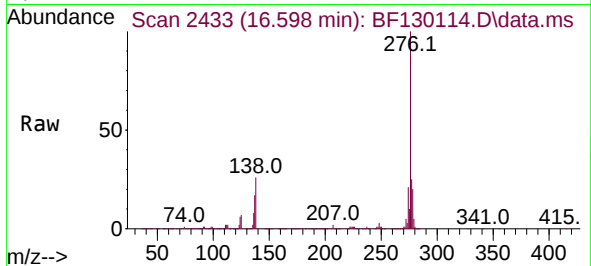
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.455 ng
RT: 16.598 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

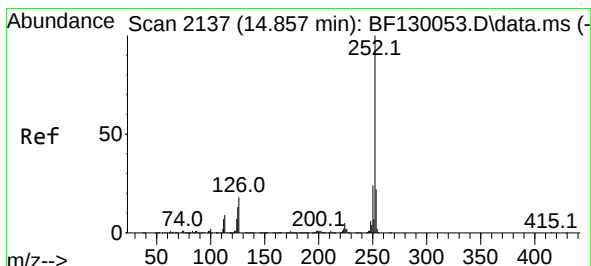
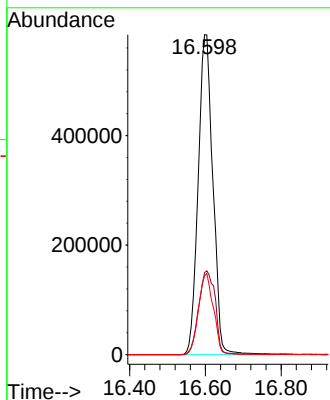
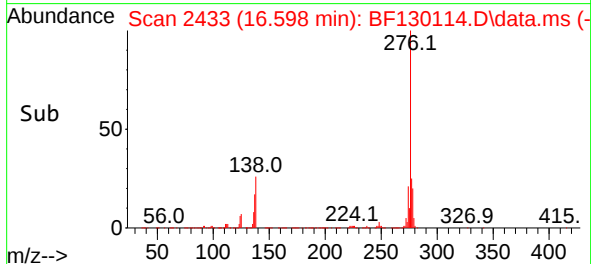
Instrument :
BNA_F
ClientSampleId :
MW-05MS



Tgt Ion:276 Resp: 1573860
Ion Ratio Lower Upper
276 100
138 29.5 19.8 29.8
277 25.7 20.4 30.6

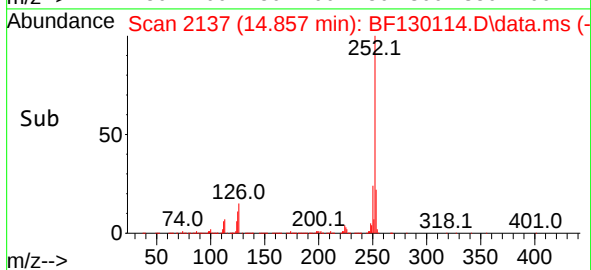
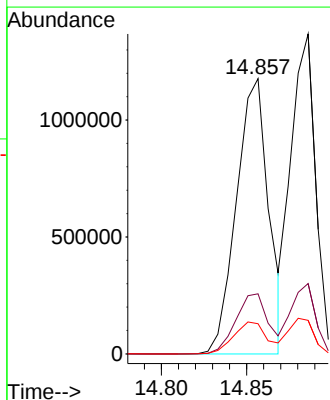
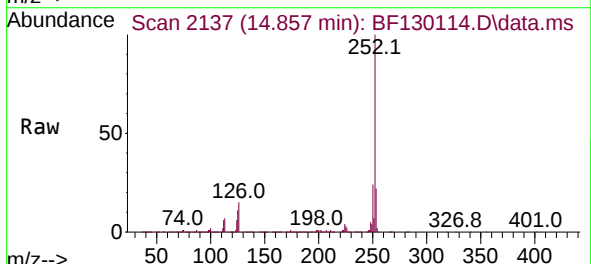
Manual Integrations
APPROVED

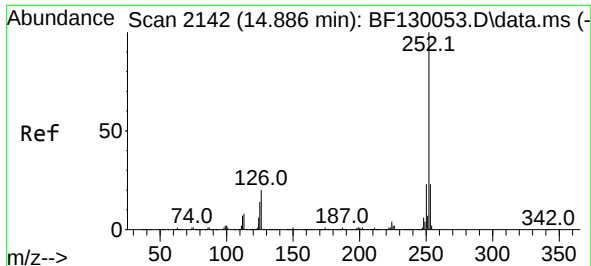
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#88
Benzo(b)fluoranthene
Concen: 52.091 ng
RT: 14.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

Tgt Ion:252 Resp: 1550484
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 48.276 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130114.D

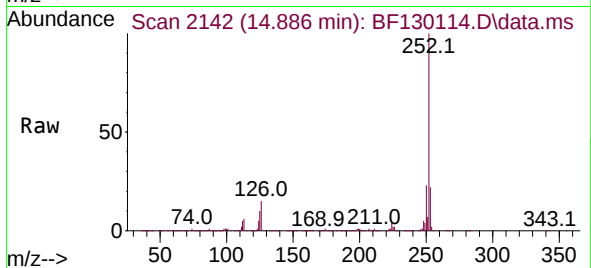
Acq: 02 Sep 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MW-05MS



Tgt Ion:252 Resp: 138972

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

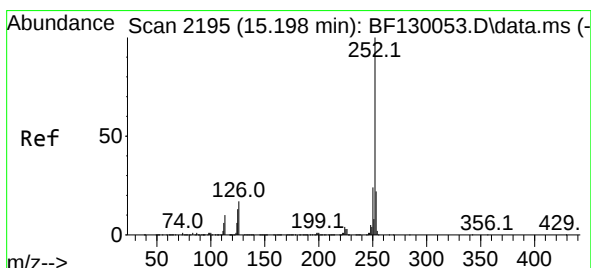
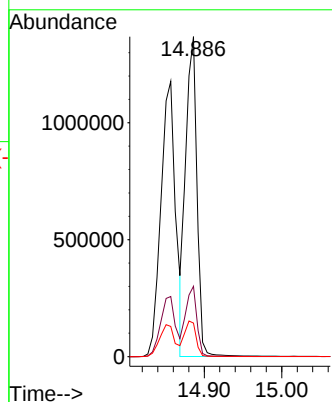
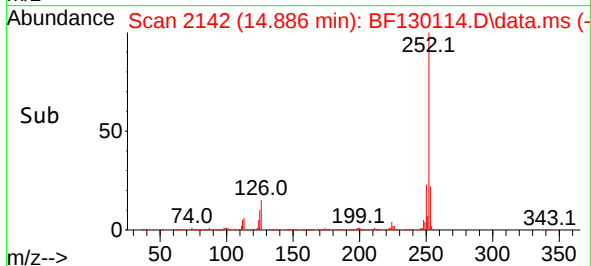
125 10.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#90

Benzo(a)pyrene

Concen: 53.026 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF130114.D

Acq: 02 Sep 2022 16:46

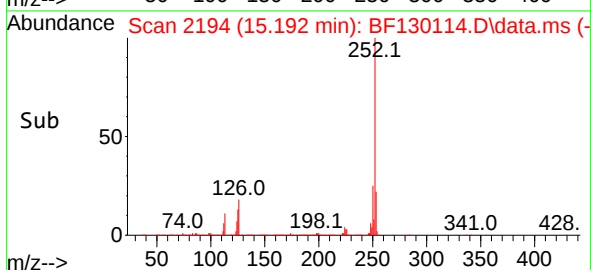
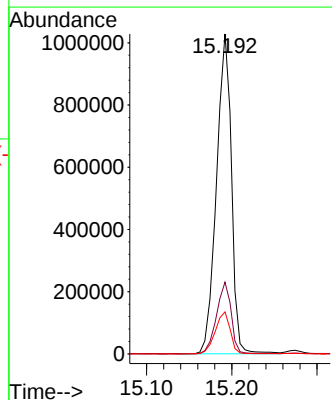
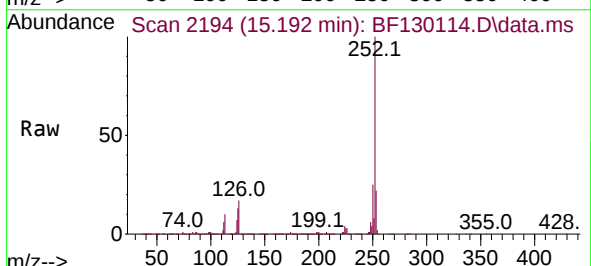
Tgt Ion:252 Resp: 1254141

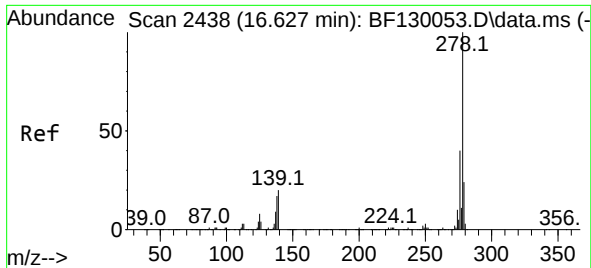
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

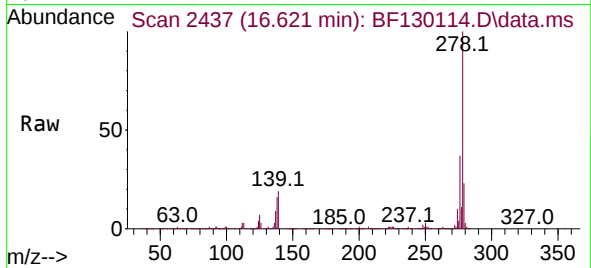
125 13.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 57.091 ng
RT: 16.621 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46

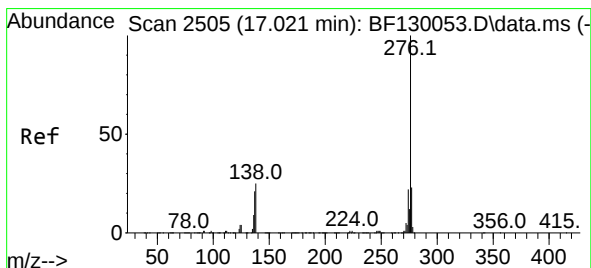
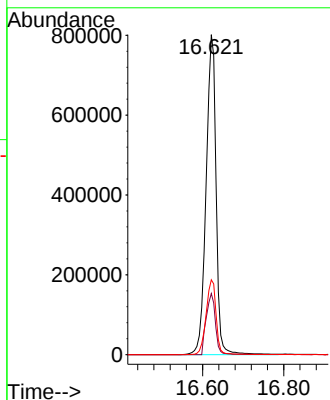
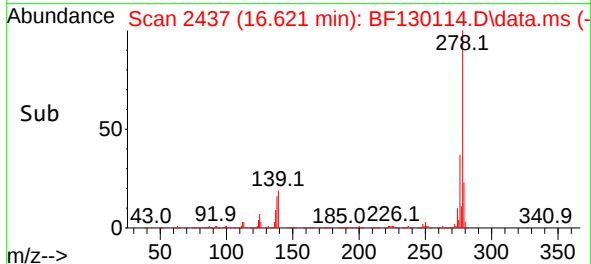
Instrument :
BNA_F
ClientSampleId :
MW-05MS



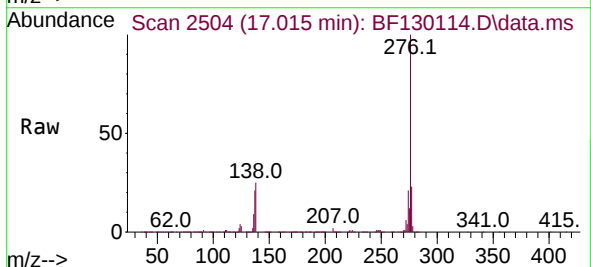
Tgt Ion: 278 Resp: 1375435
Ion Ratio Lower Upper
278 100
139 19.1 12.2 18.4
279 23.4 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#92
Benzo(g,h,i)perylene
Concen: 57.125 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130114.D
Acq: 02 Sep 2022 16:46



Tgt Ion: 276 Resp: 1376950
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.4
138 24.5 15.8 23.8

