

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130115.D
 Acq On : 02 Sep 2022 17:18
 Operator : CG\JU
 Sample : N4446-10MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 03 05:47:16 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	256910	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1038911	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	550629	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	873210	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	441501	20.000	ng	0.00
86) Perylene-d12	15.245	264	439692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1057806	69.899	ng	0.00
7) Phenol-d6	6.334	99	873248	46.285	ng	-0.01
23) Nitrobenzene-d5	7.275	82	1628410	100.732	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	767038	153.032	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2796472	84.202	ng	0.00
79) Terphenyl-d14	12.804	244	2571860	101.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	146863	20.766	ng	95
3) Pyridine	3.116	79	369395	19.478	ng	91
4) n-Nitrosodimethylamine	3.063	42	163264	21.891	ng	80
6) Aniline	6.369	93	809304	34.214	ng	# 48
8) 2-Chlorophenol	6.487	128	723661	43.568	ng	97
9) Benzaldehyde	6.251	77	452687	39.201	ng	97
10) Phenol	6.345	94	394785	18.512	ng	# 58
11) bis(2-Chloroethyl)ether	6.445	93	815919	50.355	ng	96
12) 1,3-Dichlorobenzene	6.645	146	754390	40.970	ng	95
13) 1,4-Dichlorobenzene	6.722	146	767308	41.370	ng	97
14) 1,2-Dichlorobenzene	6.875	146	743142	44.077	ng	97
15) Benzyl Alcohol	6.851	79	447008	35.151	ng	91
16) 2,2'-oxybis(1-Chloropr...	6.987	45	1041750	47.307	ng	# 53
17) 2-Methylphenol	6.963	107	486982	34.848	ng	# 87
18) Hexachloroethane	7.216	117	278512	41.584	ng	95
19) n-Nitroso-di-n-propyla...	7.128	70	567443	49.924	ng	93
20) 3+4-Methylphenols	7.116	107	484959	29.593	ng	# 59
22) Acetophenone	7.122	105	1123385	48.399	ng	# 96
24) Nitrobenzene	7.292	77	856613	49.825	ng	98
25) Isophorone	7.534	82	1701685	52.008	ng	98
26) 2-Nitrophenol	7.604	139	452768	55.473	ng	93
27) 2,4-Dimethylphenol	7.645	122	694178	50.562	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	1071053	54.494	ng	98
29) 2,4-Dichlorophenol	7.845	162	689936	46.981	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	629688	40.666	ng	98
31) Naphthalene	8.010	128	2205399	42.089	ng	99
32) Benzoic acid	7.734	122	175619	20.094	ng	99
33) 4-Chloroaniline	8.057	127	760913	35.944	ng	98
34) Hexachlorobutadiene	8.128	225	348433	39.290	ng	100
35) Caprolactam	8.445	113	45377m	9.971	ng	
36) 4-Chloro-3-methylphenol	8.534	107	678251	45.642	ng	96
37) 2-Methylnaphthalene	8.698	142	1506811	44.642	ng	98
38) 1-Methylnaphthalene	8.798	142	1447387	44.117	ng	97
40) 1,2,4,5-Tetrachloroben...	8.863	216	629134	43.817	ng	98
41) Hexachlorocyclopentadiene	8.851	237	647541	86.295	ng	99
43) 2,4,6-Trichlorophenol	8.975	196	491785	47.984	ng	96

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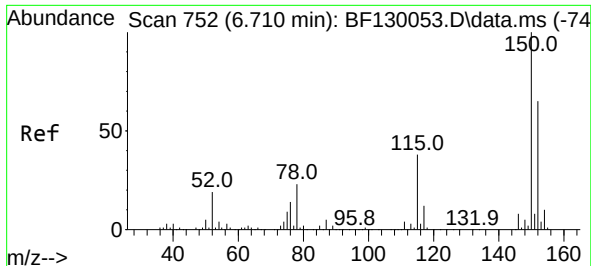
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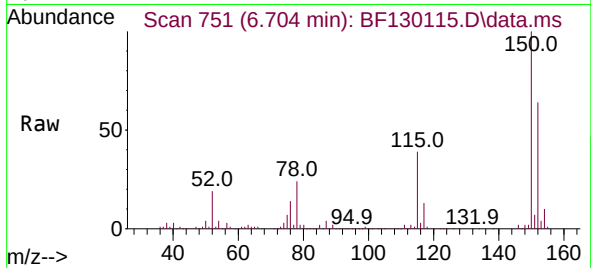
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	535517	48.207	ng	96
46) 1,1'-Biphenyl	9.163	154	1834054	45.848	ng	99
47) 2-Chloronaphthalene	9.186	162	1446721	45.136	ng	99
48) 2-Nitroaniline	9.286	65	463391	58.668	ng	89
49) Acenaphthylene	9.604	152	2214244	45.493	ng	100
50) Dimethylphthalate	9.475	163	1820927	48.552	ng	99
51) 2,6-Dinitrotoluene	9.534	165	417356	57.077	ng	91
52) Acenaphthene	9.775	154	1577274m	51.420	ng	
53) 3-Nitroaniline	9.698	138	308908	36.806	ng	99
54) 2,4-Dinitrophenol	9.804	184	396813	115.533	ng	93
55) Dibenzofuran	9.945	168	2020359	45.997	ng	98
56) 4-Nitrophenol	9.851	139	259668	40.130	ng	93
57) 2,4-Dinitrotoluene	9.933	165	519056	61.655	ng	# 88
58) Fluorene	10.286	166	1473424	44.087	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	408194	47.311	ng	# 79
60) Diethylphthalate	10.169	149	1745026	48.095	ng	99
61) 4-Chlorophenyl-phenyle...	10.281	204	681420	46.123	ng	99
62) 4-Nitroaniline	10.316	138	408281	50.019	ng	96
63) Azobenzene	10.445	77	1631751	45.677	ng	92
65) 4,6-Dinitro-2-methylph...	10.339	198	246058	58.353	ng	90
66) n-Nitrosodiphenylamine	10.404	169	1443130	49.438	ng	99
67) 4-Bromophenyl-phenylether	10.769	248	491232	50.576	ng	99
68) Hexachlorobenzene	10.828	284	544326	51.433	ng	96
69) Atrazine	10.933	200	455372	55.142	ng	97
70) Pentachlorophenol	11.022	266	583644	98.621	ng	98
71) Phenanthrene	11.245	178	2180135	46.038	ng	99
72) Anthracene	11.298	178	2190482	47.054	ng	99
73) Carbazole	11.451	167	2030256	47.294	ng	100
74) Di-n-butylphthalate	11.792	149	2532884	48.930	ng	100
75) Fluoranthene	12.427	202	2091903	44.547	ng	97
77) Benzidine	12.551	184	730466	61.280	ng	99
78) Pyrene	12.657	202	2063492	52.108	ng	99
80) Butylbenzylphthalate	13.280	149	912791	57.951	ng	97
81) Benzo(a)anthracene	13.839	228	1457626	48.176	ng	99
82) 3,3'-Dichlorobenzidine	13.810	252	463682	49.143	ng	98
83) Chrysene	13.880	228	1452730	48.700	ng	100
84) Bis(2-ethylhexyl)phtha...	13.845	149	1094947	55.926	ng	99
85) Di-n-octyl phthalate	14.451	149	1847584	59.741	ng	97
87) Indeno(1,2,3-cd)pyrene	16.604	276	1578402	54.420	ng	95
88) Benzo(b)fluoranthene	14.857	252	1516608	51.723	ng	99
89) Benzo(k)fluoranthene	14.886	252	1337890	47.178	ng	100
90) Benzo(a)pyrene	15.192	252	1240141	53.227	ng	97
91) Dibenzo(a,h)anthracene	16.621	278	1376330	57.992	ng	# 95
92) Benzo(g,h,i)perylene	17.015	276	1390746	58.570	ng	# 94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

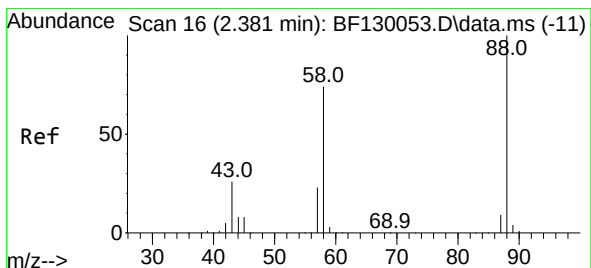
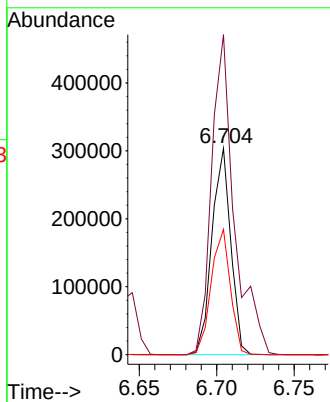
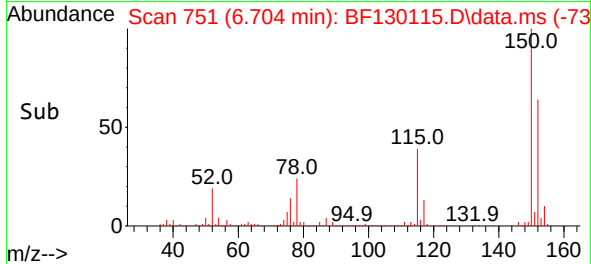
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion: 152 Resp: 256910
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 60.7 53.4 80.0

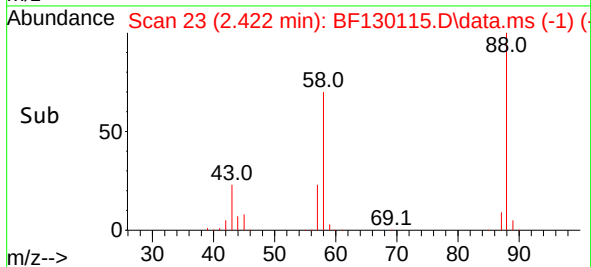
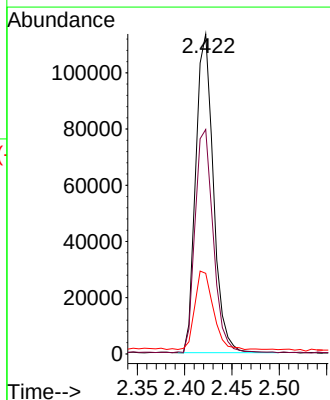
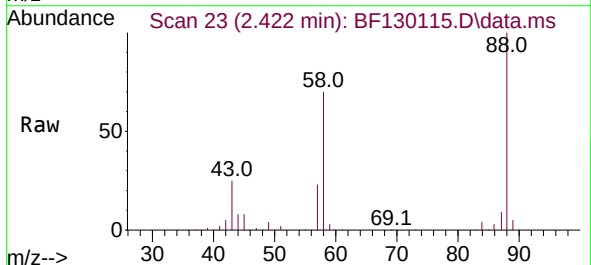
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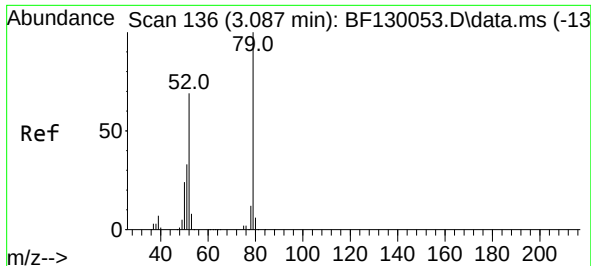
Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#2
1,4-Dioxane
Concen: 20.766 ng
RT: 2.422 min Scan# 23
Delta R.T. 0.041 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

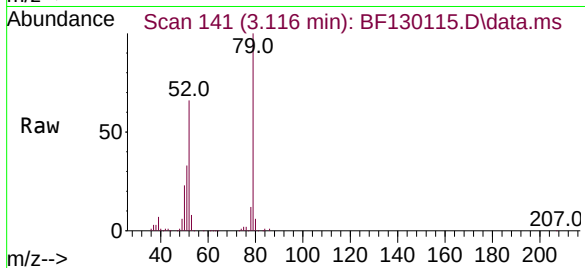
Tgt Ion: 88 Resp: 146863
Ion Ratio Lower Upper
88 100
58 72.2 60.9 91.3
43 25.4 23.6 35.4





#3
Pyridine
Concen: 19.478 ng
RT: 3.116 min Scan# 14
Delta R.T. 0.029 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

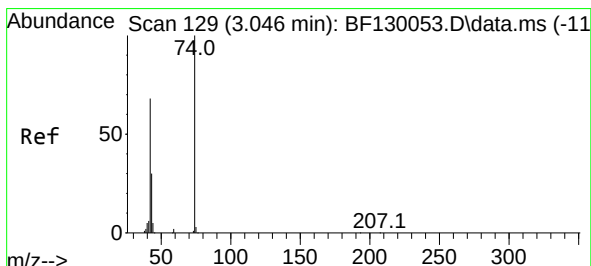
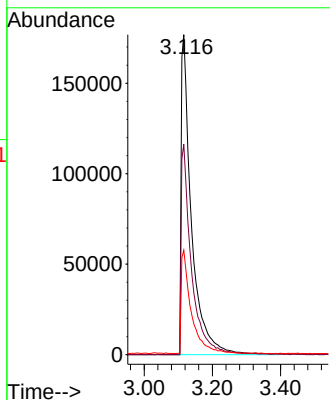
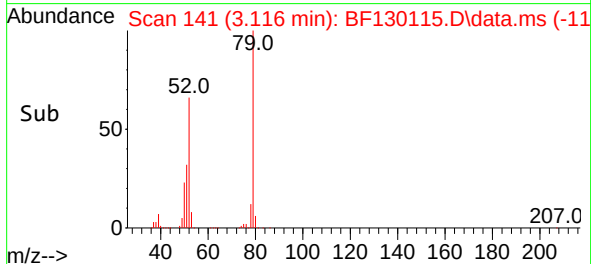
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



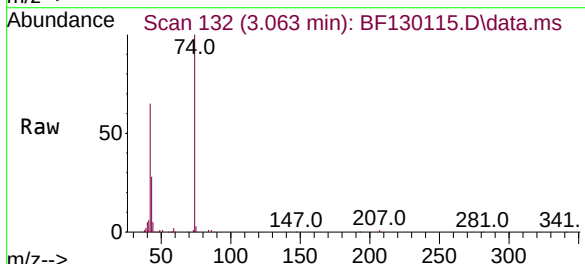
Tgt Ion: 79 Resp: 369395
Ion Ratio Lower Upper
79 100
52 65.7 59.4 89.2
51 32.6 29.5 44.3

Manual Integrations
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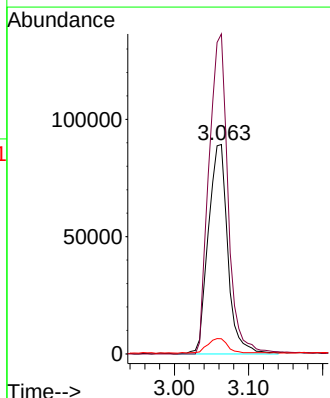
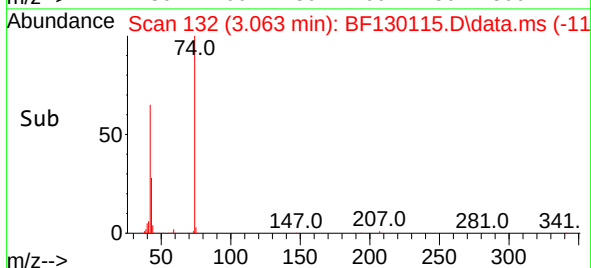
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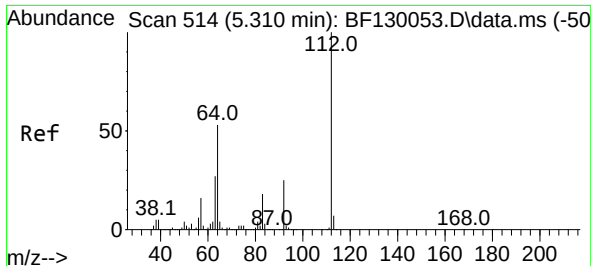


#4
n-Nitrosodimethylamine
Concen: 21.891 ng
RT: 3.063 min Scan# 132
Delta R.T. 0.018 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



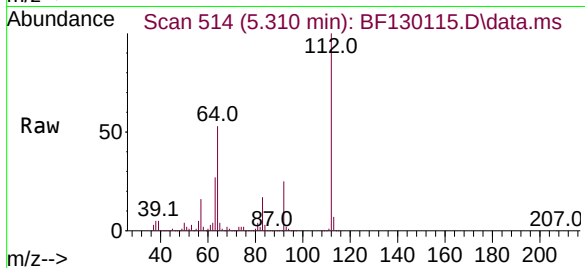
Tgt Ion: 42 Resp: 163264
Ion Ratio Lower Upper
42 100
74 152.9 103.1 154.7
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 69.899 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

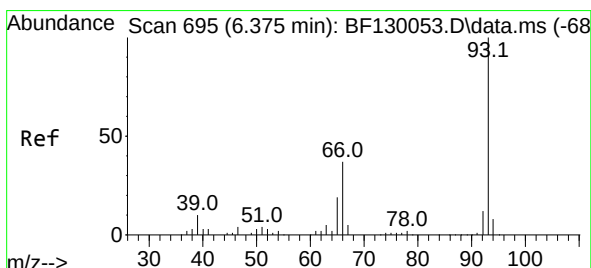
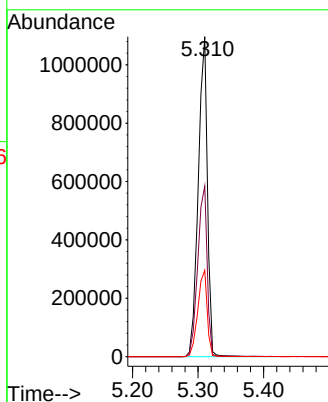
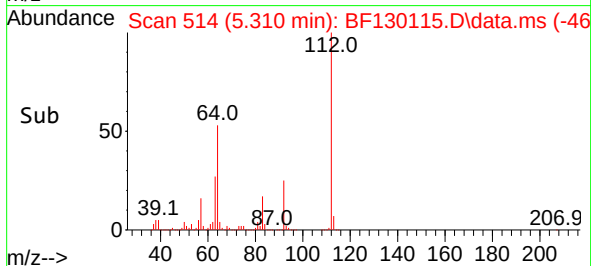
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Tgt Ion: 112 Resp: 1057806
Ion Ratio Lower Upper
112 100
64 53.3 47.6 71.4
63 27.0 24.6 37.0

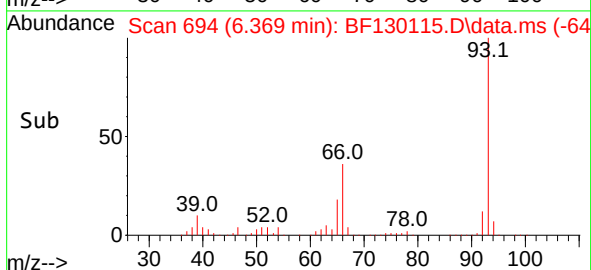
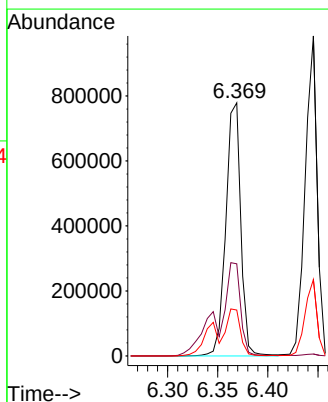
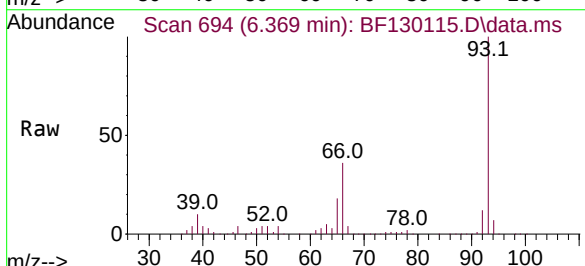
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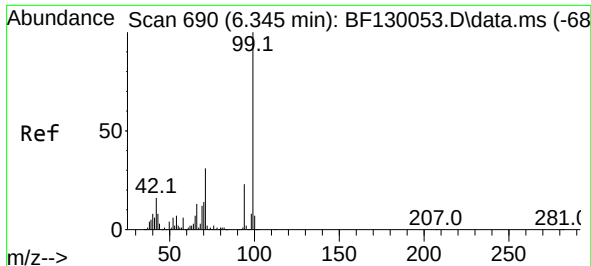
Reviewed By :Christian Giraldo 09/06/2022
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#6
Aniline
Concen: 34.214 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130115.D
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Tgt Ion: 93 Resp: 809304
Ion Ratio Lower Upper
93 100
66 36.4 68.7 103.1#
65 18.1 41.6 62.4#





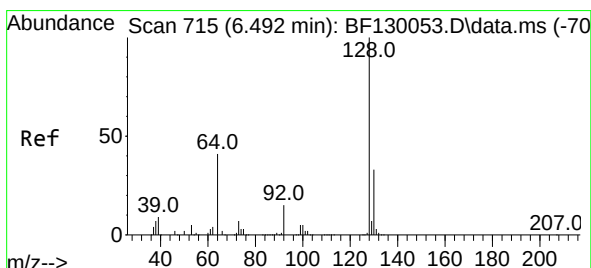
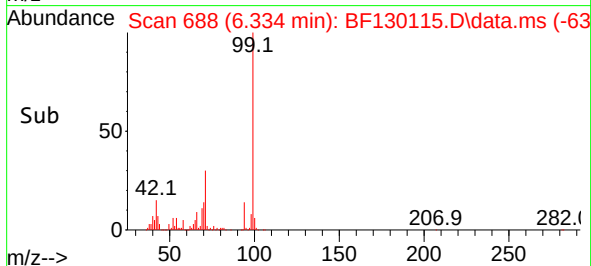
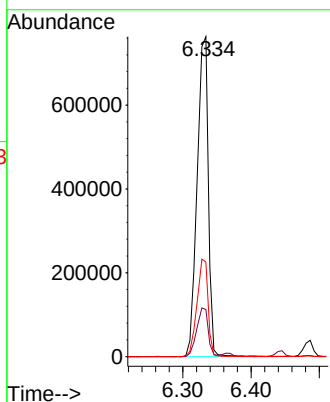
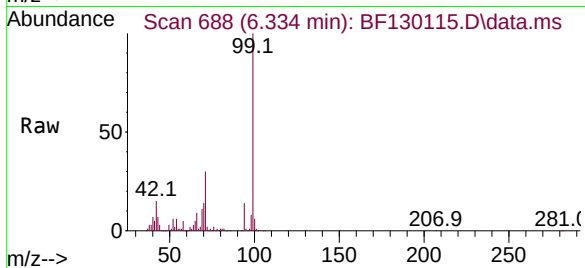
#7
Phenol-d6
Concen: 46.285 ng
RT: 6.334 min Scan# 688
Delta R.T. -0.012 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Instrument :
BNA_F
ClientSampleId :
MW-05MSD

Tgt Ion: 99 Resp: 873248
Ion Ratio Lower Upper
99 100
42 14.7 15.0 22.4
71 29.6 28.8 43.2

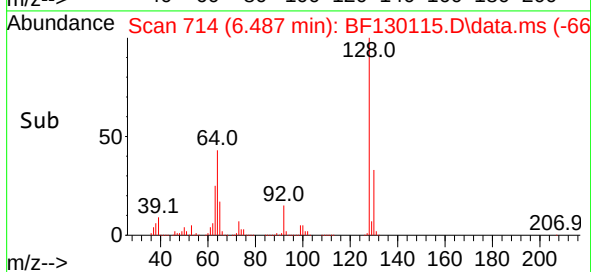
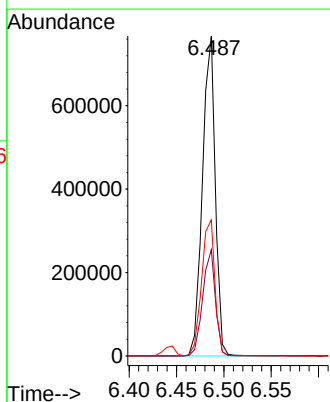
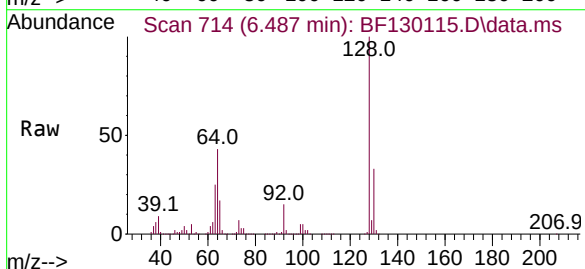
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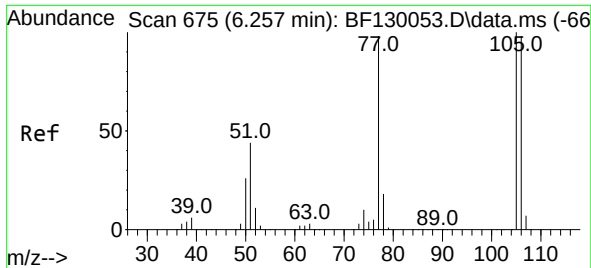
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#8
2-Chlorophenol
Concen: 43.568 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:128 Resp: 723661
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 42.6 24.9 64.9





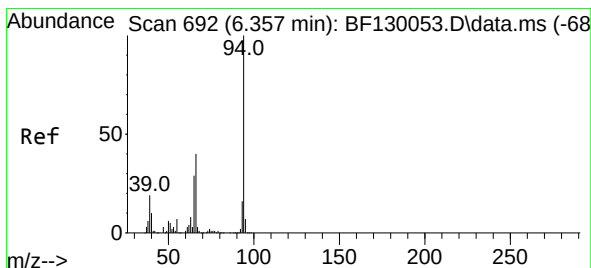
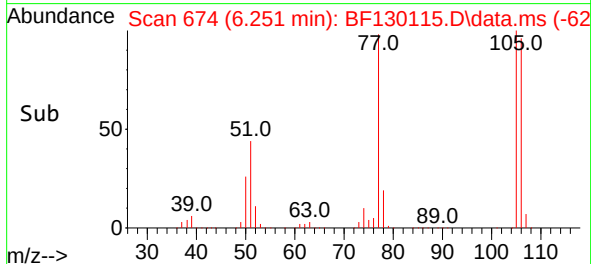
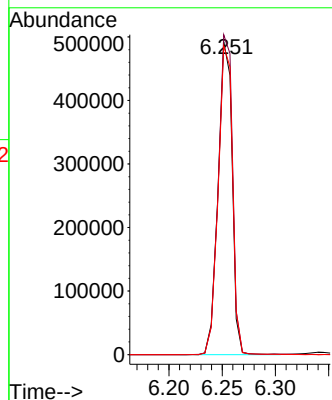
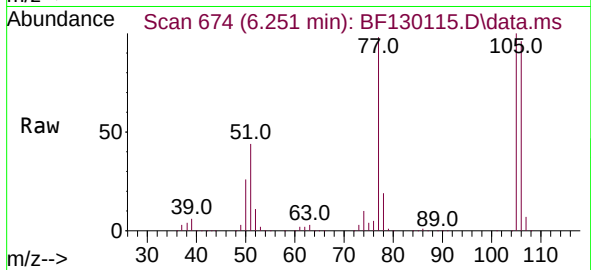
#9
Benzaldehyde
Concen: 39.201 ng
RT: 6.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Instrument :
BNA_F
ClientSampleId :
MW-05MSD

Tgt Ion: 77 Resp: 45268
Ion Ratio Lower Upper
77 100
105 102.3 80.3 120.3
106 98.6 74.3 114.3

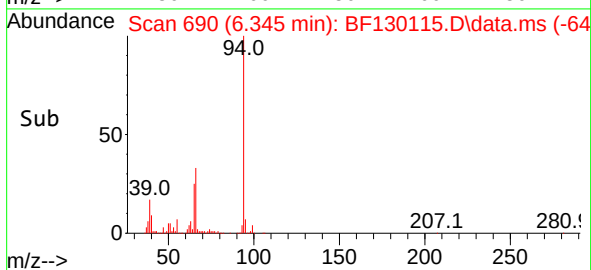
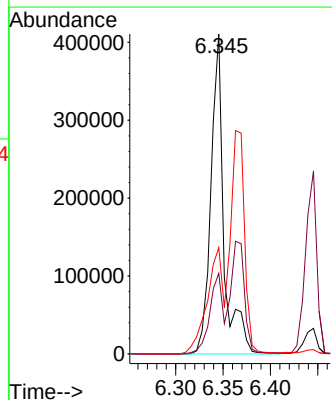
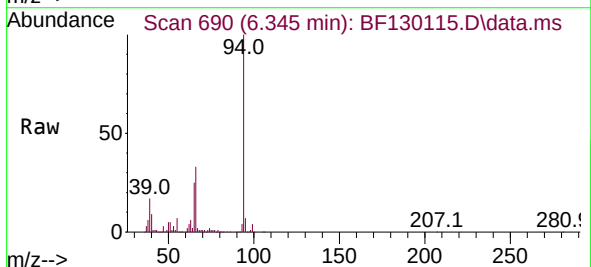
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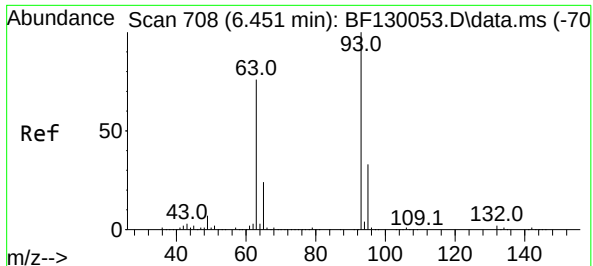
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#10
Phenol
Concen: 18.512 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.012 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion: 94 Resp: 394785
Ion Ratio Lower Upper
94 100
65 25.1 24.9 64.9
66 33.2 54.2 94.2#





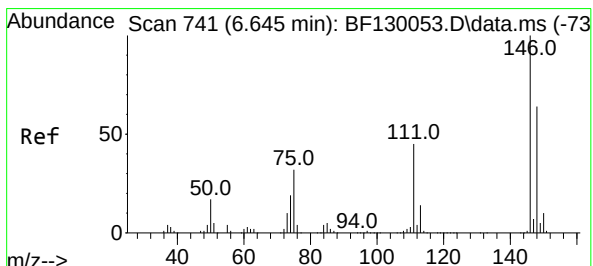
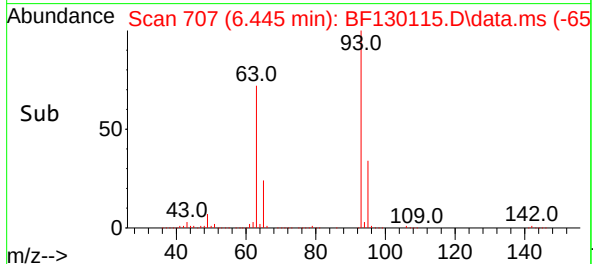
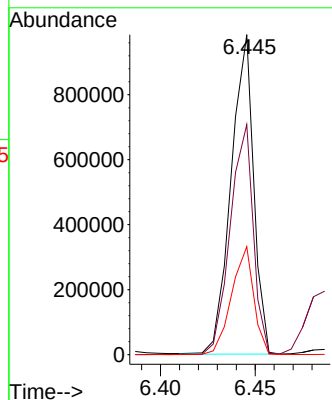
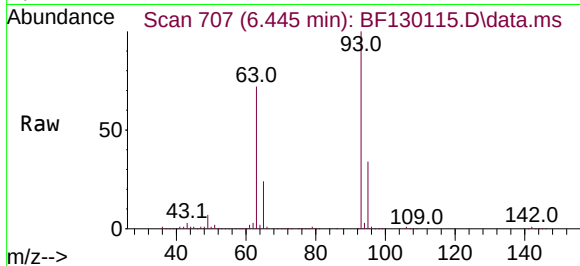
#11
bis(2-Chloroethyl)ether
Concen: 50.355 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Instrument :
BNA_F
ClientSampleId :
MW-05MSD

Tgt Ion: 93 Resp: 815919
Ion Ratio Lower Upper
93 100
63 71.9 55.9 95.9
95 33.7 12.3 52.3

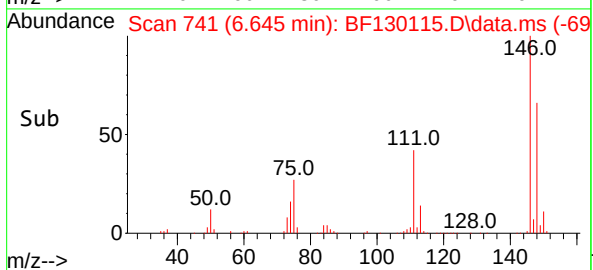
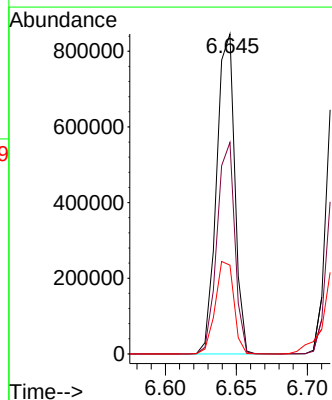
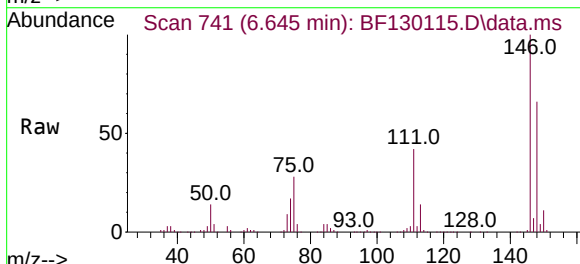
Manual Integrations
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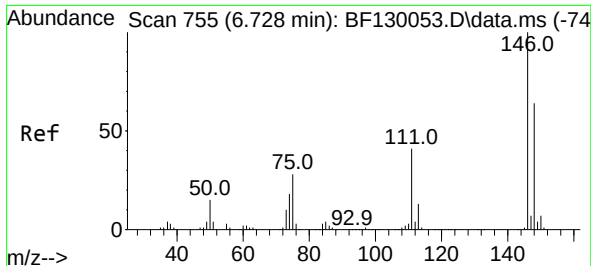
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#12
1,3-Dichlorobenzene
Concen: 40.970 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:146 Resp: 754390
Ion Ratio Lower Upper
146 100
148 66.1 51.2 76.8
75 27.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 41.370 ng

RT: 6.722 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:146 Resp: 767308

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

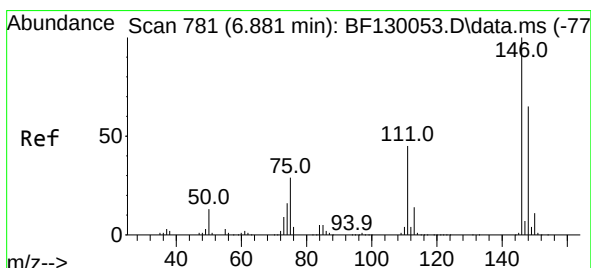
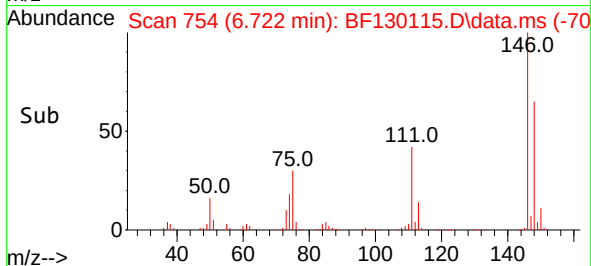
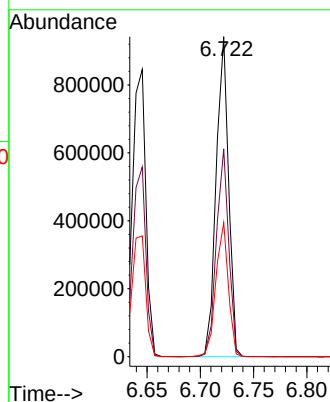
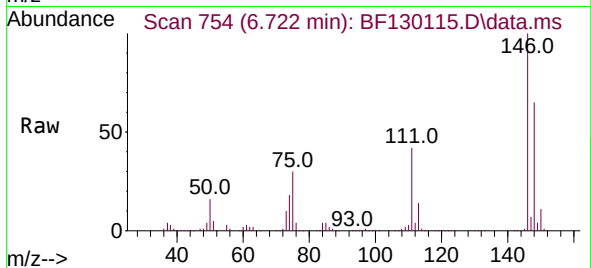
111 41.9 36.2 54.4

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: 44.077 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

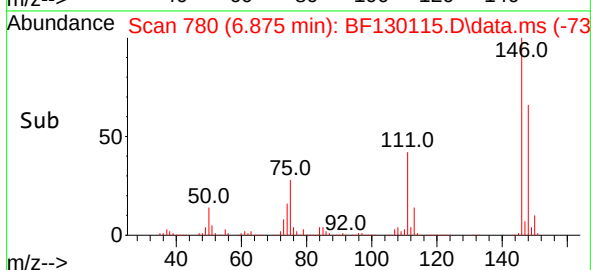
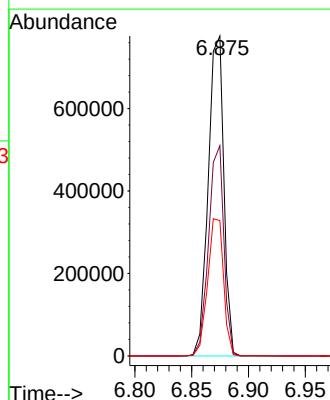
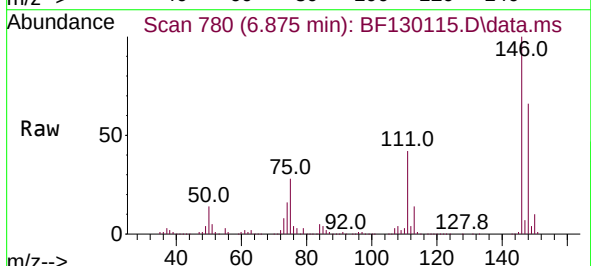
Tgt Ion:146 Resp: 743142

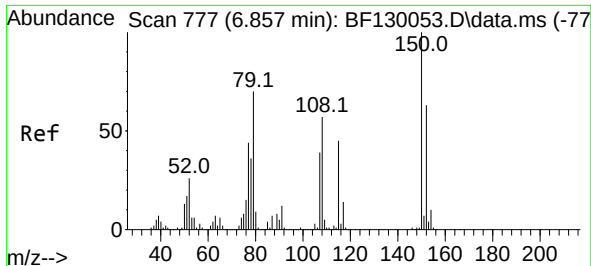
Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

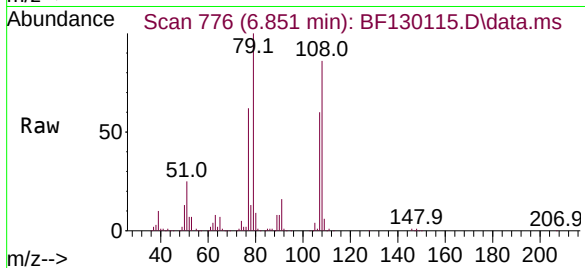
111 42.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 35.151 ng
RT: 6.851 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

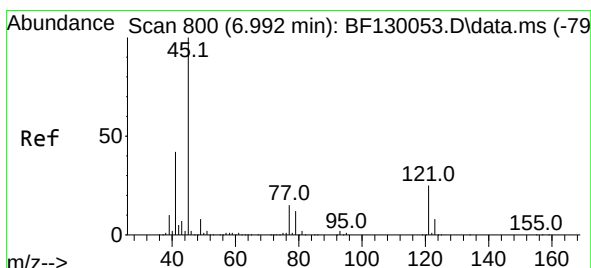
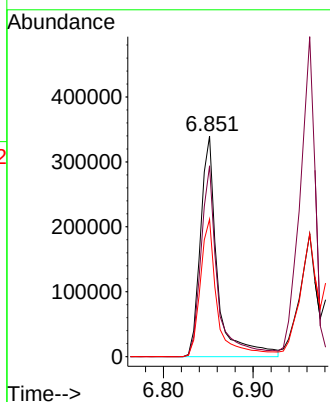
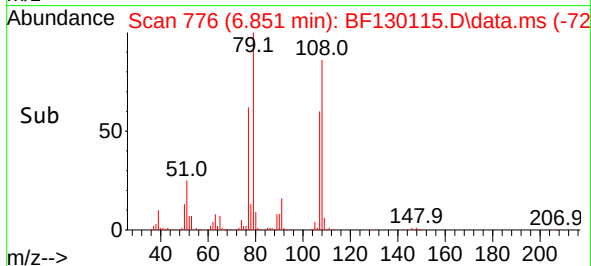
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



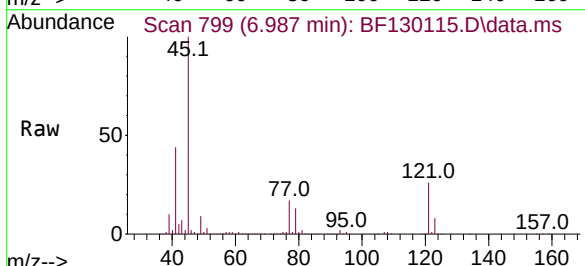
Tgt Ion: 79 Resp: 447008
Ion Ratio Lower Upper
79 100
108 86.5 59.2 88.8
77 62.3 51.9 77.9

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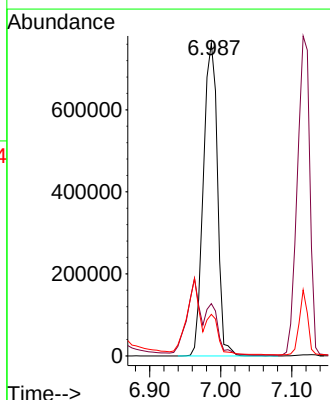
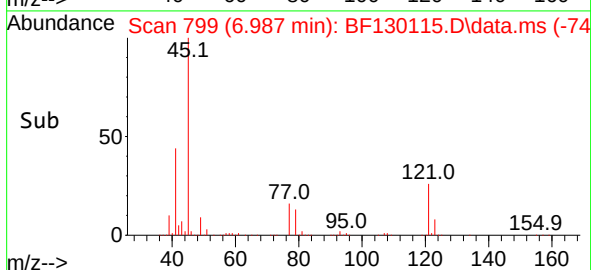
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

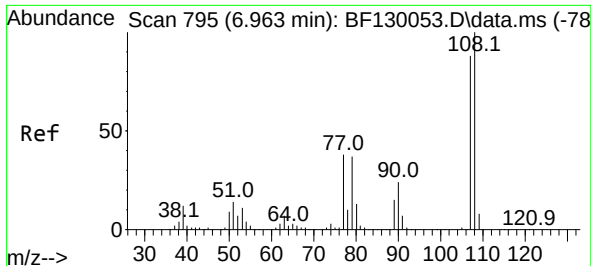


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.307 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



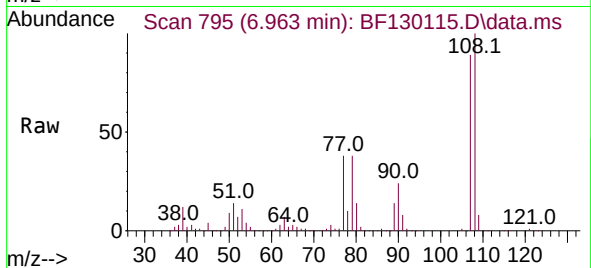
Tgt Ion: 45 Resp: 1041750
Ion Ratio Lower Upper
45 100
77 16.7 27.4 67.4#
79 13.3 24.4 64.4#





#17
2-Methylphenol
Concen: 34.848 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

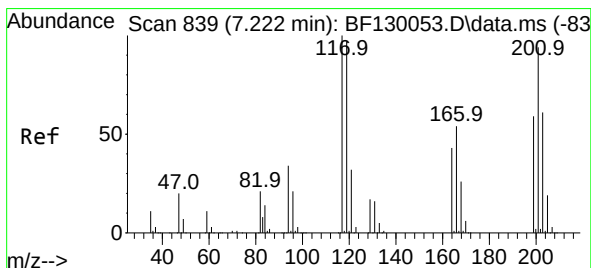
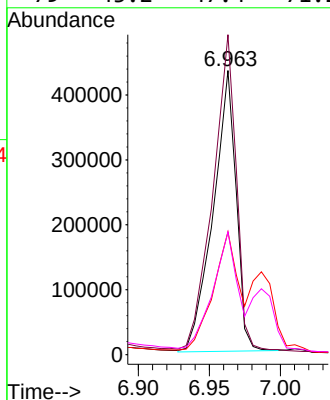
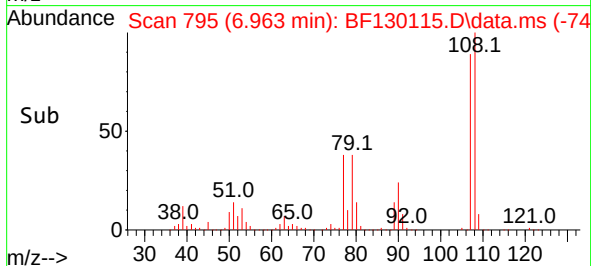
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:107 Resp: 486982
Ion Ratio Lower Upper
107 100
108 112.6 90.2 135.2
77 43.2 51.8 77.8
79 43.2 47.4 71.2#

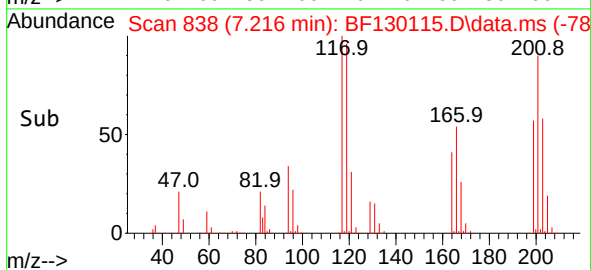
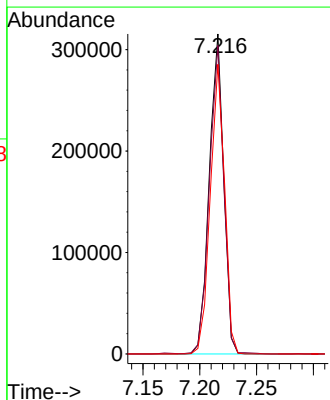
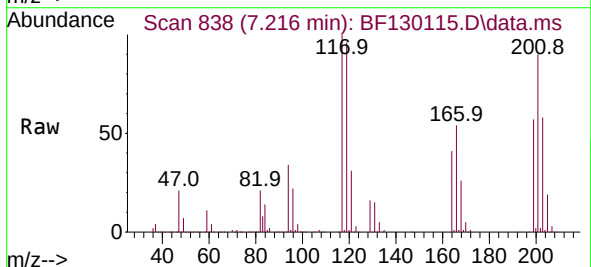
Manual Integrations
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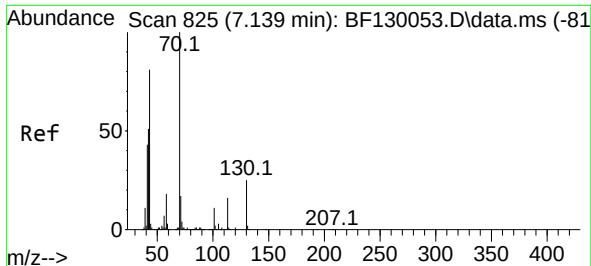
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#18
Hexachloroethane
Concen: 41.584 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:117 Resp: 278512
Ion Ratio Lower Upper
117 100
119 96.4 79.1 118.7
201 90.5 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 49.924 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion: 70 Resp: 56744

Ion Ratio Lower Upper

70 100

42 51.8 47.6 71.4

101 9.9 8.1 12.1

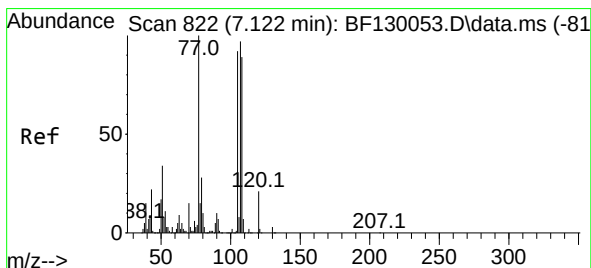
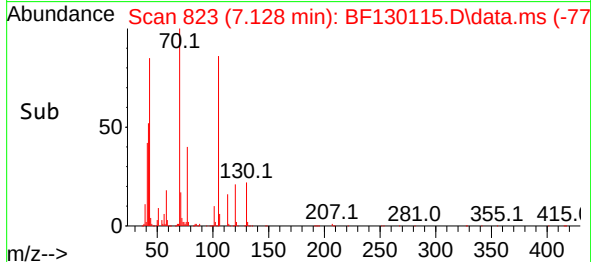
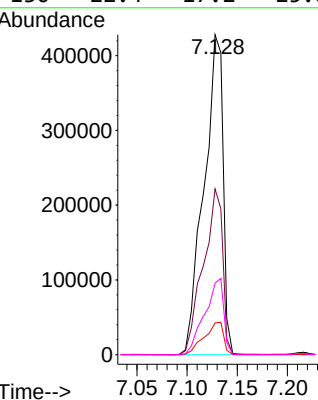
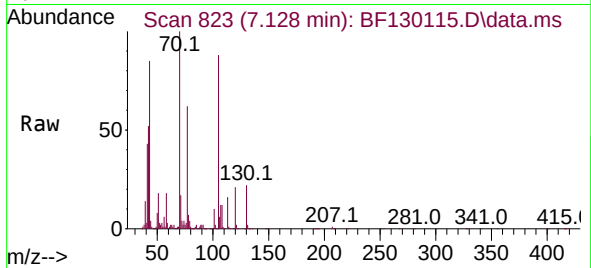
130 22.4 17.2 25.8

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: 29.593 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Tgt Ion:107 Resp: 484959

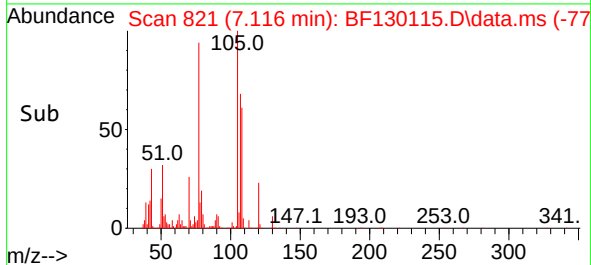
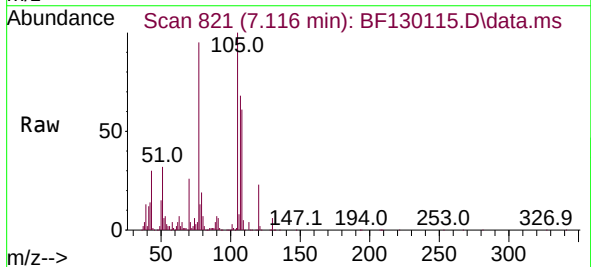
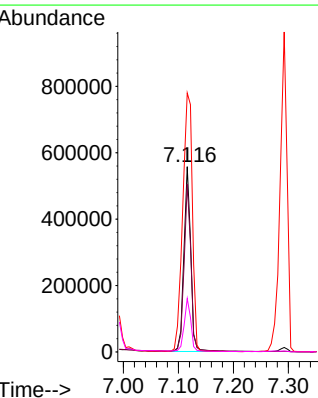
Ion Ratio Lower Upper

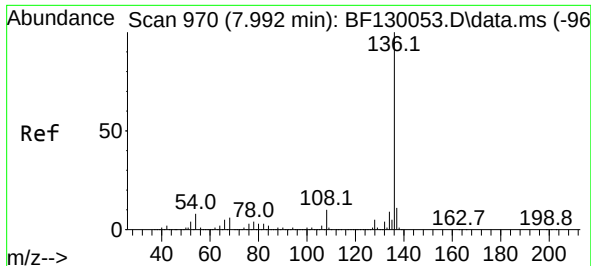
107 100

108 90.6 71.3 111.3

77 139.8 20.4 60.4#

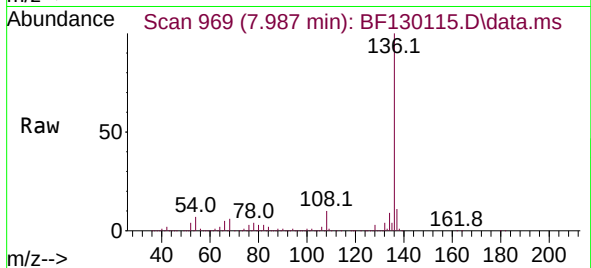
79 28.8 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 90
Delta R.T. -0.005 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

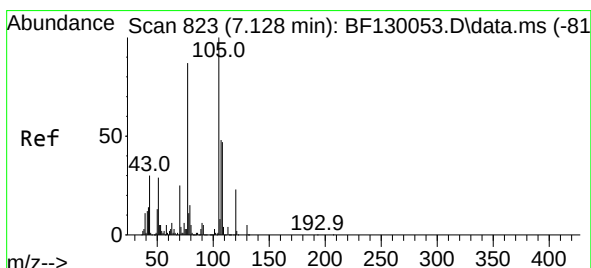
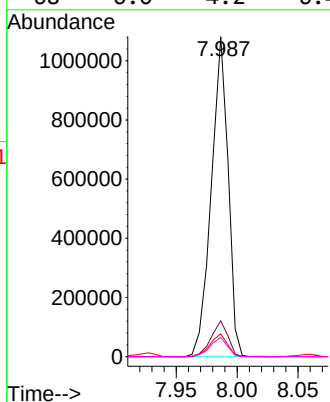
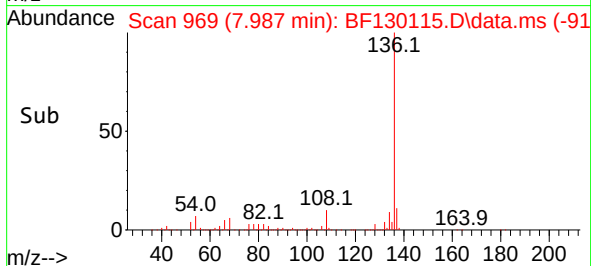
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:136 Resp: 103891
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.1 6.2 9.2
68 6.0 4.2 6.4

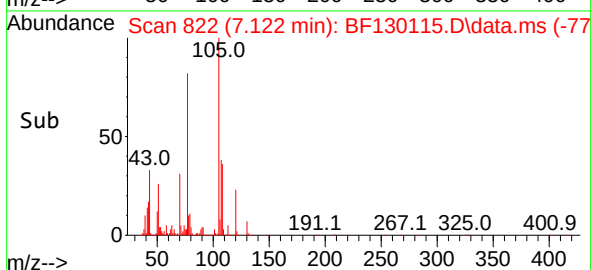
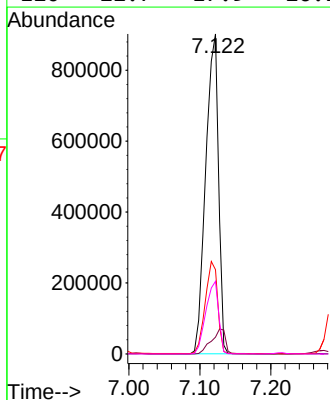
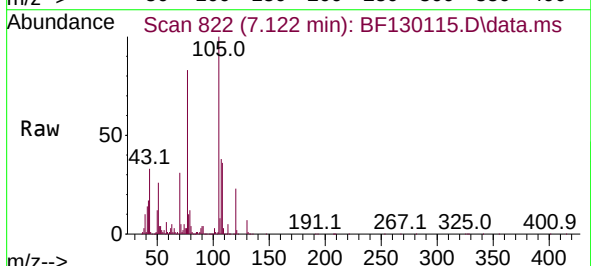
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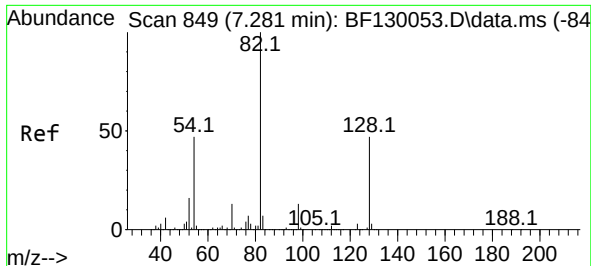
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#22
Acetophenone
Concen: 48.399 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

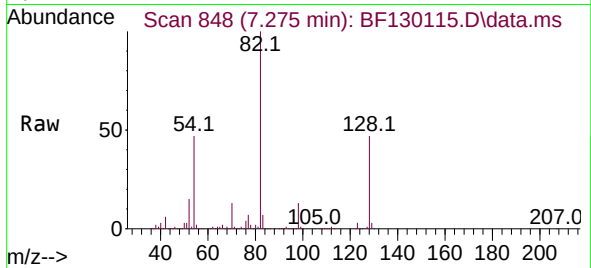
Tgt Ion:105 Resp: 1123385
Ion Ratio Lower Upper
105 100
71 5.2 6.6 9.8#
51 26.3 23.8 35.8
120 22.7 17.9 26.9





#23
Nitrobenzene-d5
Concen: 100.732 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

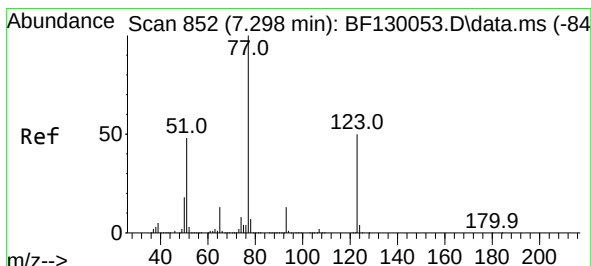
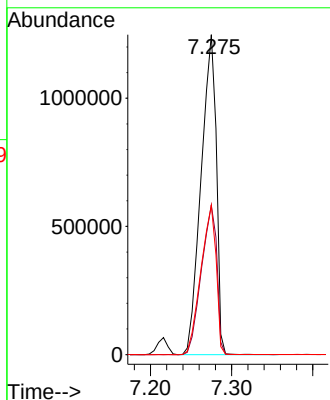
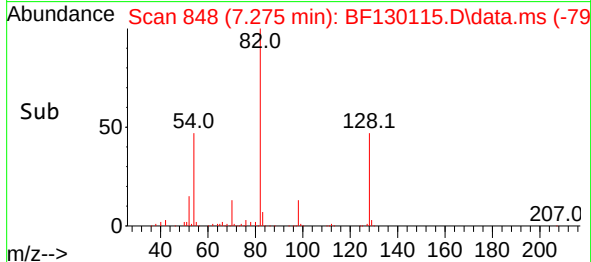
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



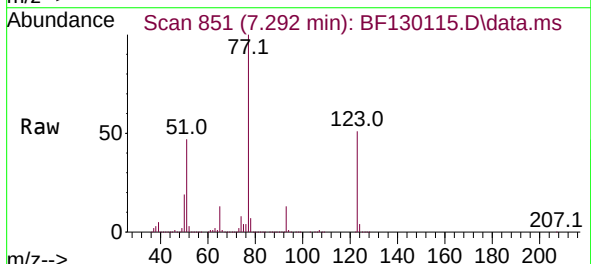
Tgt Ion: 82 Resp: 1628410
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 46.7 40.0 60.0

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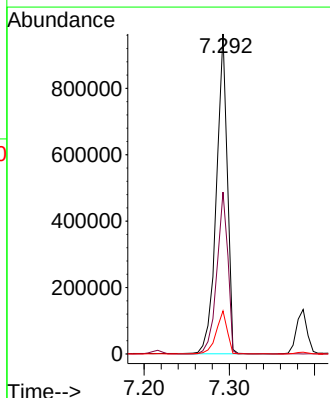
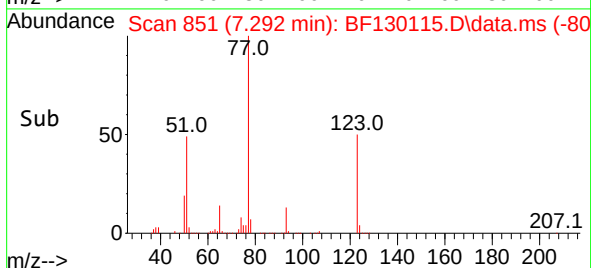
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

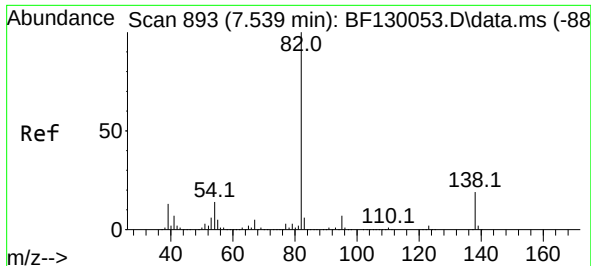


#24
Nitrobenzene
Concen: 49.825 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



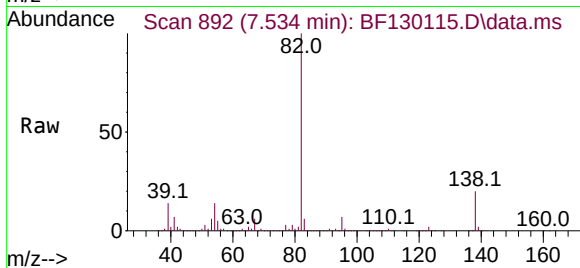
Tgt Ion: 77 Resp: 856613
Ion Ratio Lower Upper
77 100
123 50.6 39.2 58.8
65 13.4 11.1 16.7





#25
Isophorone
Concen: 52.008 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

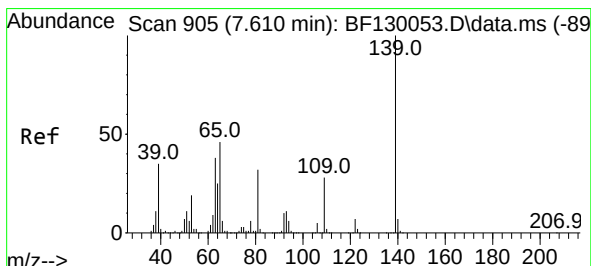
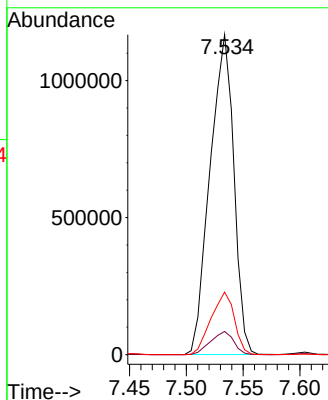
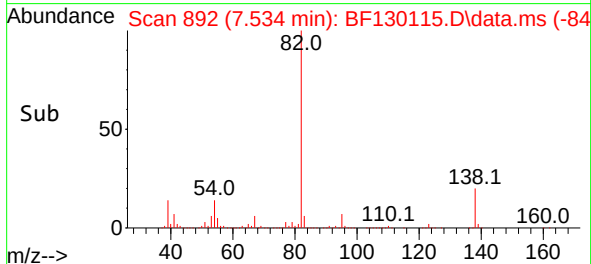
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



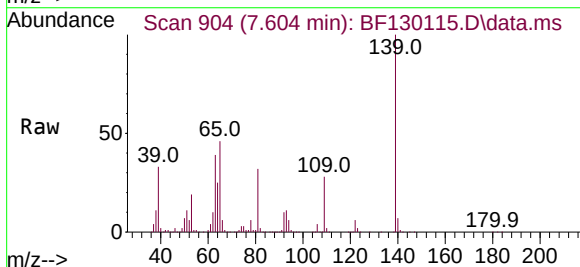
Tgt Ion: 82 Resp: 1701685
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.5 14.6 21.8

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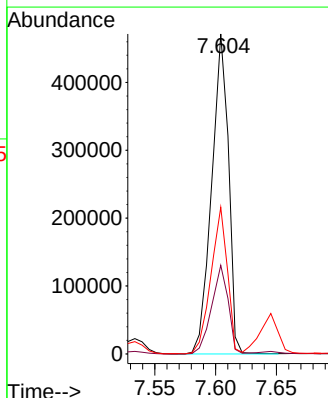
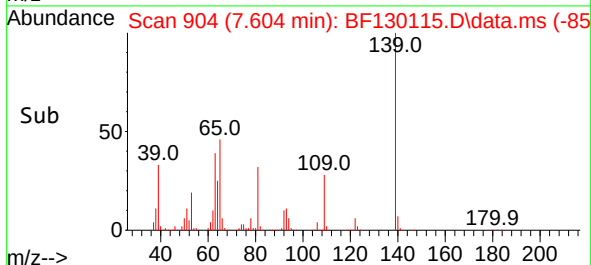
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

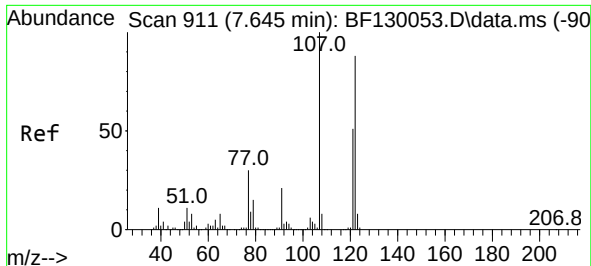


#26
2-Nitrophenol
Concen: 55.473 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



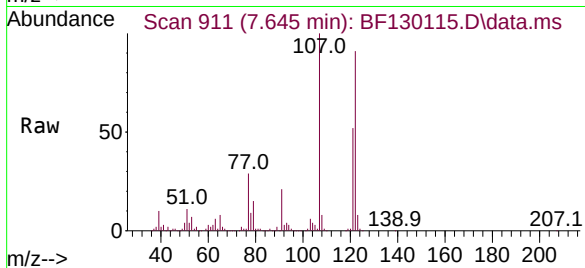
Tgt Ion:139 Resp: 452768
Ion Ratio Lower Upper
139 100
109 27.7 24.4 36.6
65 45.8 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 50.562 ng
RT: 7.645 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

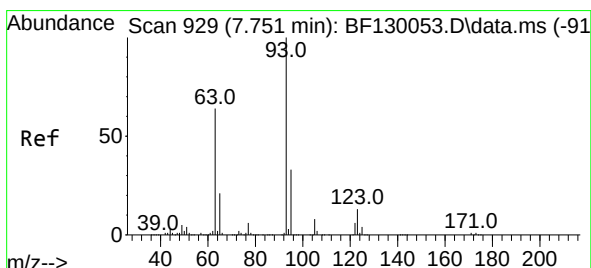
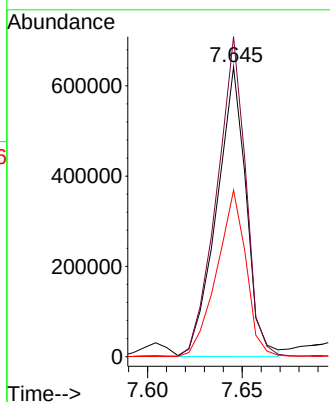
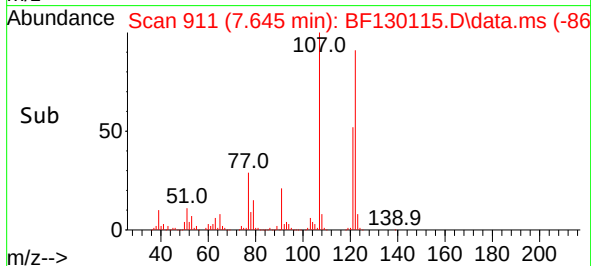
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:122 Resp: 694178
Ion Ratio Lower Upper
122 100
107 110.5 92.2 138.4
121 57.4 46.1 69.1

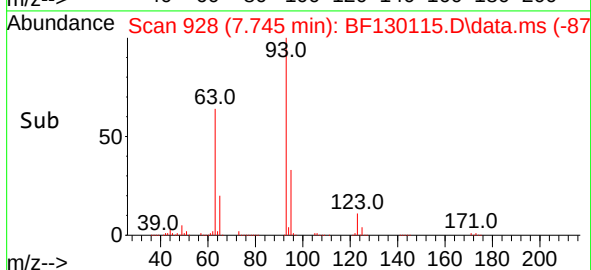
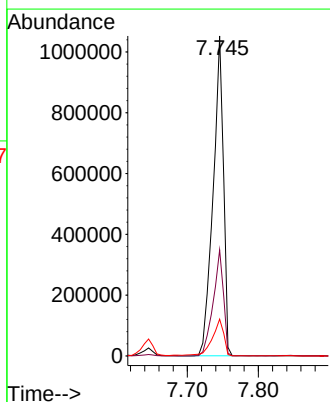
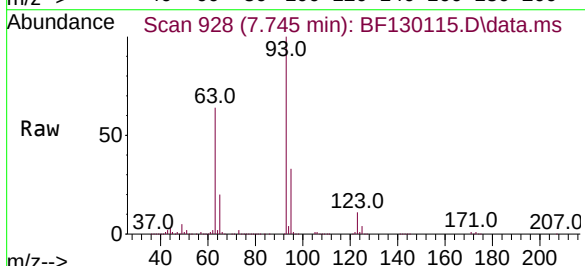
Manual Integrations
APPROVED

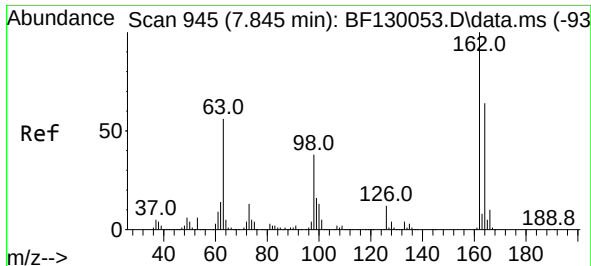
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 54.494 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion: 93 Resp: 1071053
Ion Ratio Lower Upper
93 100
95 33.2 25.6 38.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.981 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:162 Resp: 689936

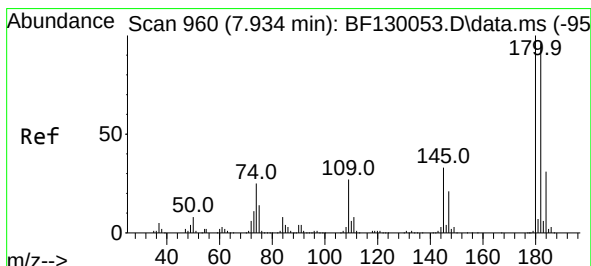
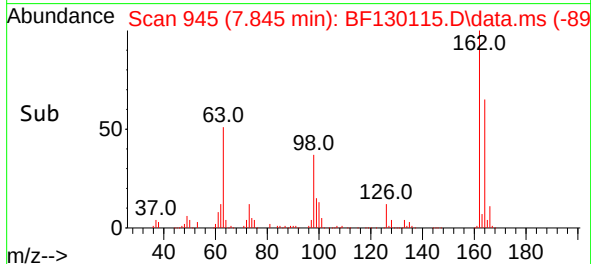
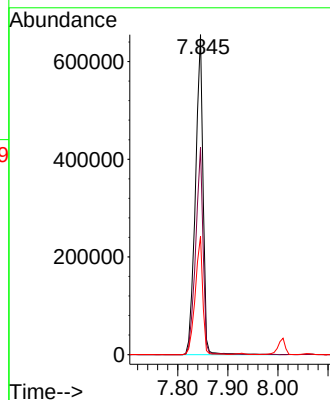
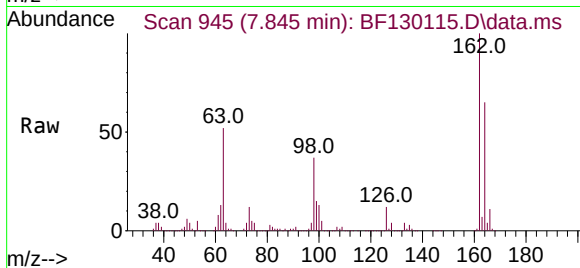
Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.7	83.7
98	37.0	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.666 ng

RT: 7.928 min Scan# 959

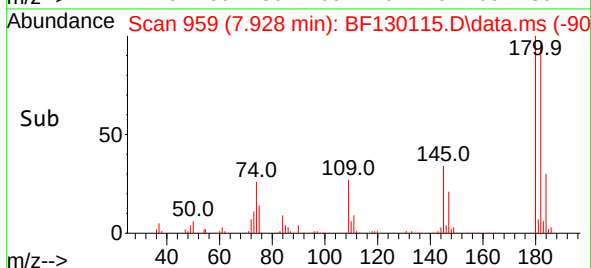
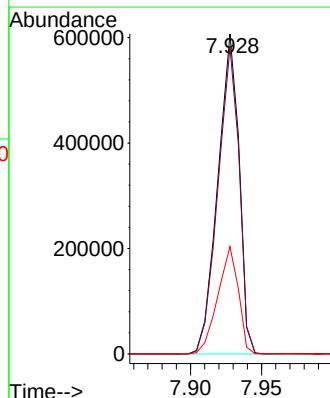
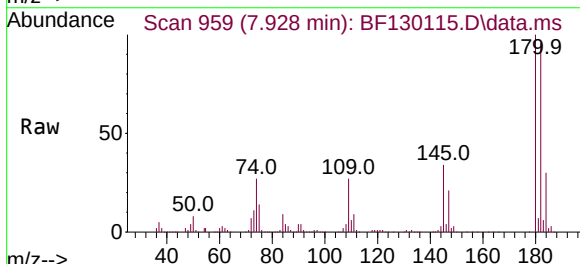
Delta R.T. -0.006 min

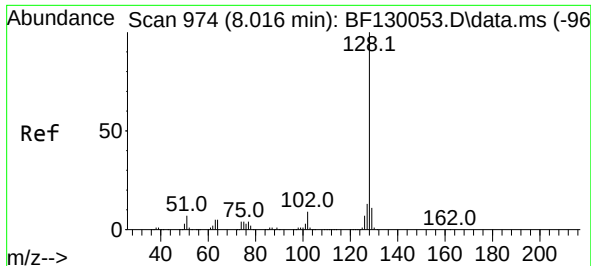
Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Tgt Ion:180 Resp: 629688

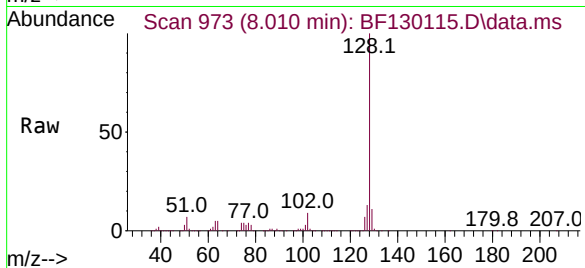
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.6	116.4
145	33.5	25.6	38.4





#31
Naphthalene
Concen: 42.089 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

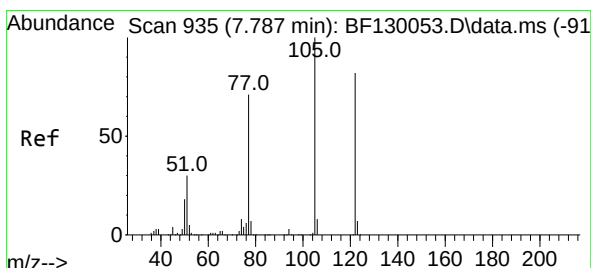
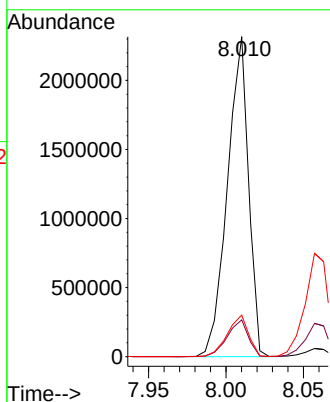
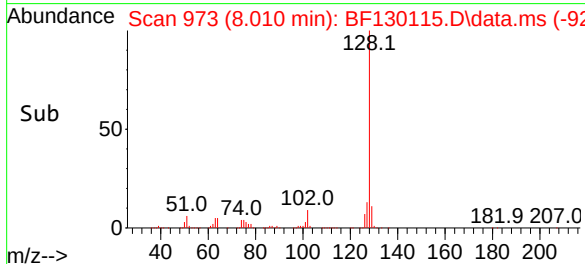
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:128 Resp: 2205399
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.0 10.7 16.1

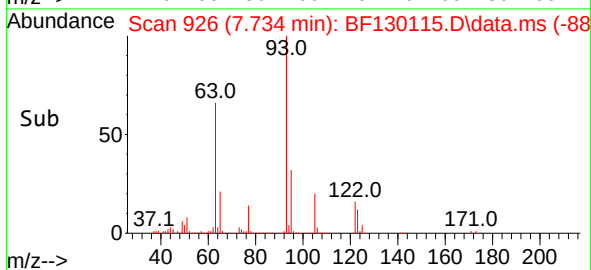
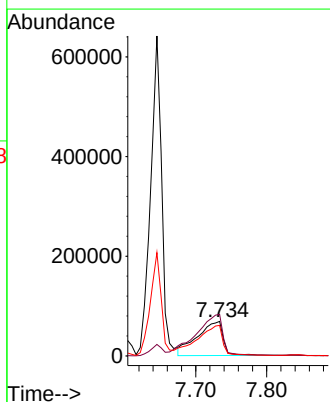
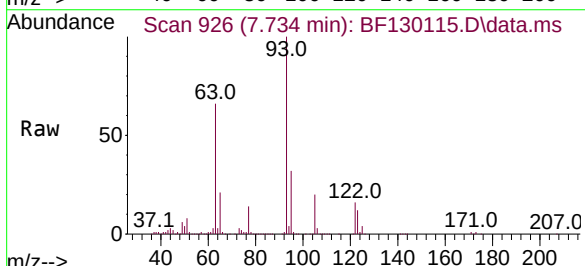
Manual Integrations
APPROVED

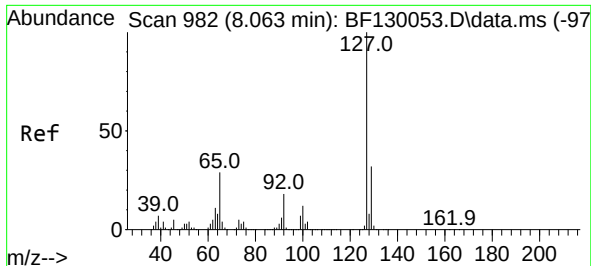
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#32
Benzoic acid
Concen: 20.094 ng
RT: 7.734 min Scan# 926
Delta R.T. -0.053 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:122 Resp: 175619
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 88.2 65.9 105.9





#33
4-Chloroaniline
Concen: 35.944 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

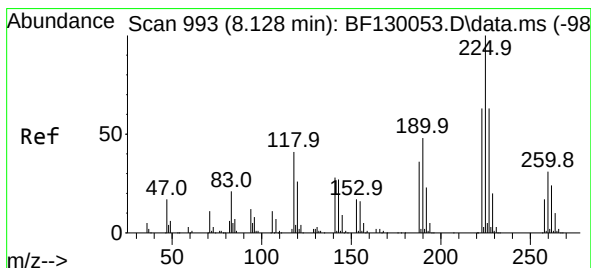
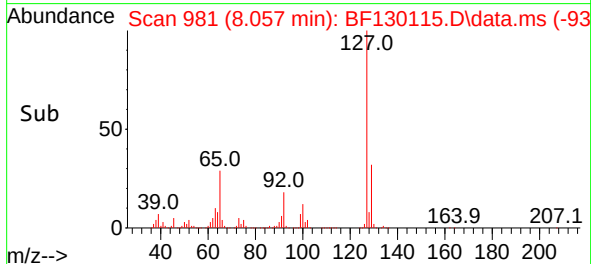
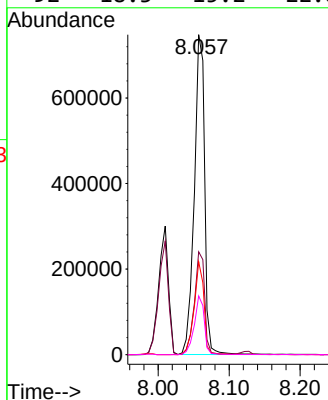
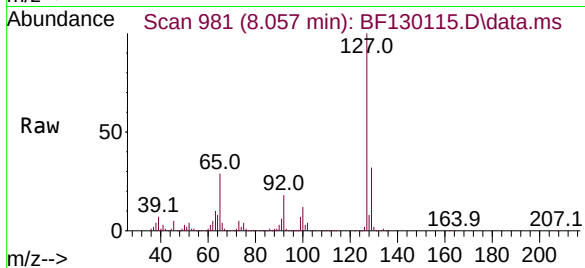
MW-05MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	29.0	24.2	36.2
92	18.3	15.2	22.8

Manual Integrations

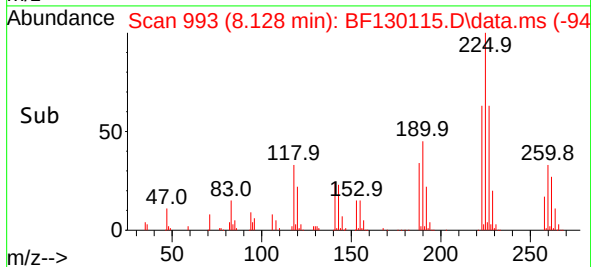
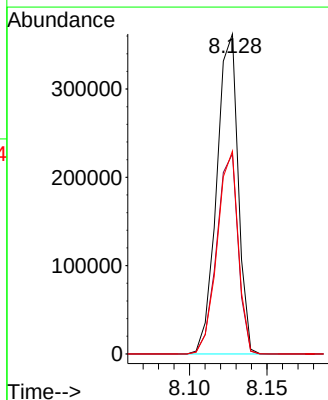
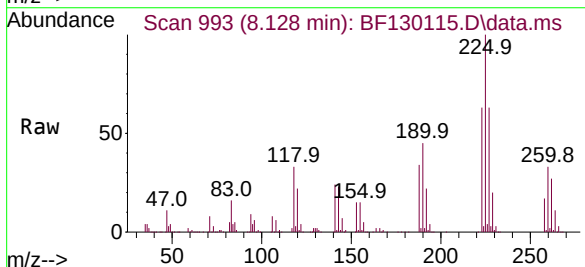
APPROVED

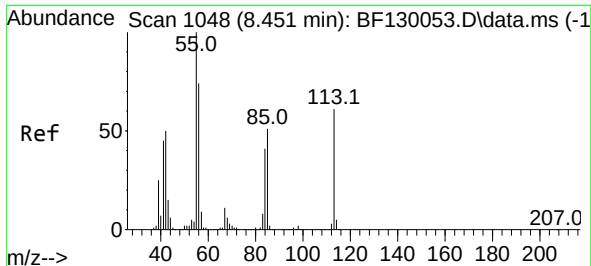
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#34
Hexachlorobutadiene
Concen: 39.290 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

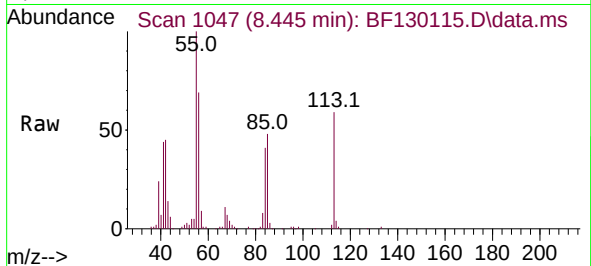
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.4	50.6	75.8





#35
Caprolactam
Concen: 9.971 ng m
RT: 8.445 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

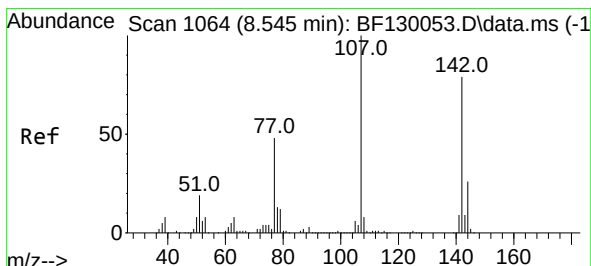
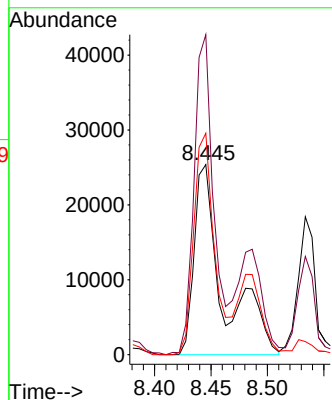
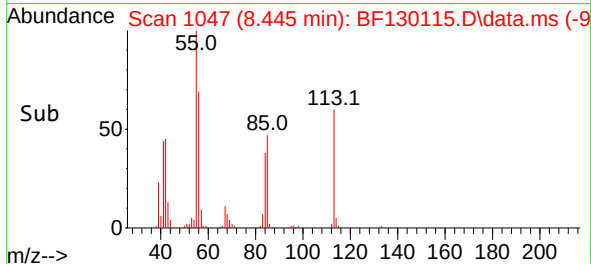
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:113 Resp: 45372
Ion Ratio Lower Upper
113 100
55 168.4 148.8 188.8
56 116.5 109.1 149.1

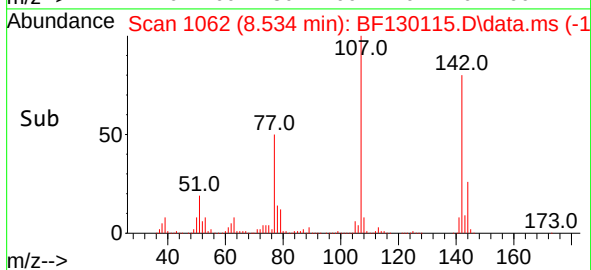
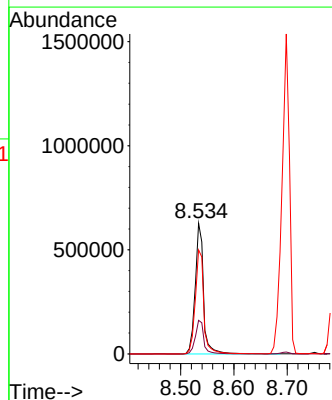
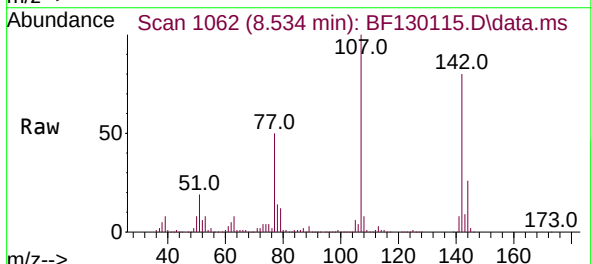
Manual Integrations
APPROVED

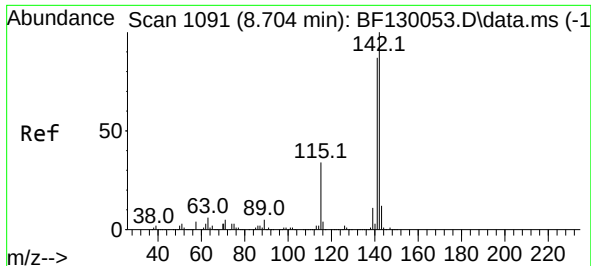
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#36
4-Chloro-3-methylphenol
Concen: 45.642 ng
RT: 8.534 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:107 Resp: 678251
Ion Ratio Lower Upper
107 100
144 25.7 19.9 29.9
142 79.5 60.2 90.4





#37

2-Methylnaphthalene

Concen: 44.642 ng

RT: 8.698 min Scan# 1090

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:142 Resp: 150681

Ion Ratio Lower Upper

142 100

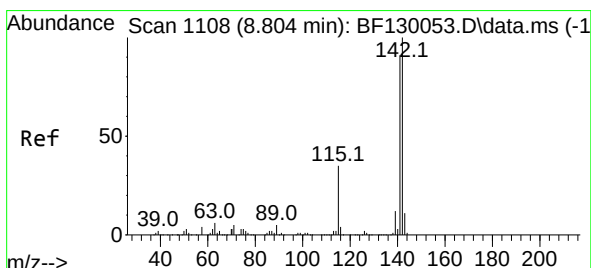
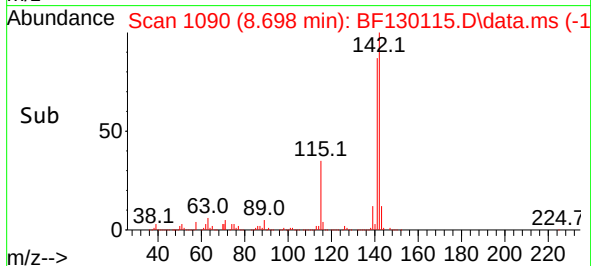
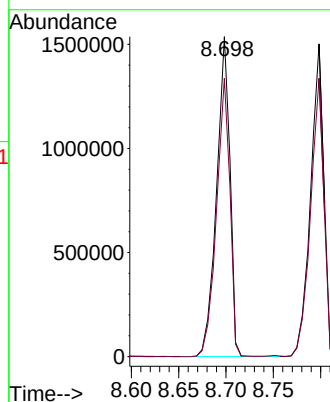
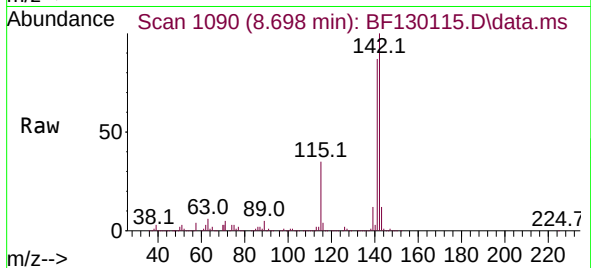
141 87.0 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#38

1-Methylnaphthalene

Concen: 44.117 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130115.D

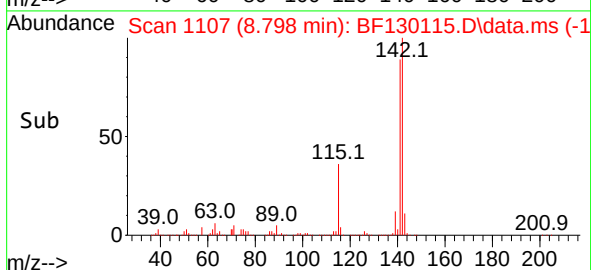
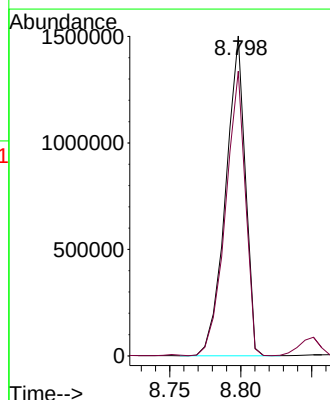
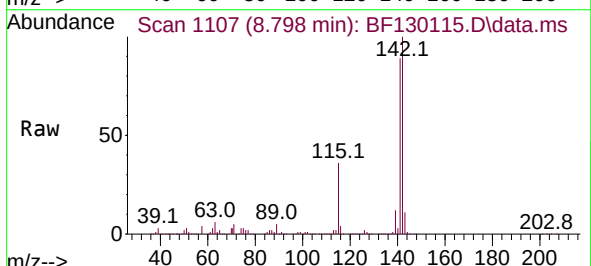
Acq: 02 Sep 2022 17:18

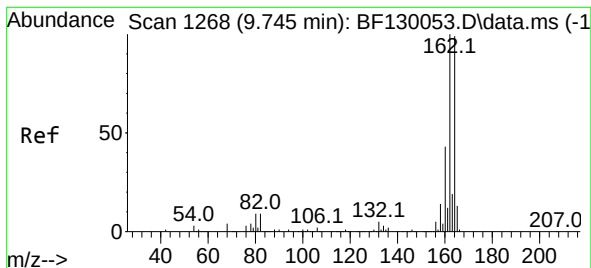
Tgt Ion:142 Resp: 1447387

Ion Ratio Lower Upper

142 100

141 89.0 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: BF130115.D

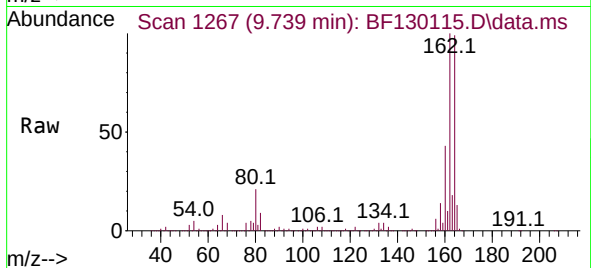
Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD



Tgt Ion:164 Resp: 550629

Ion Ratio Lower Upper

164 100

162 101.1 82.0 123.0

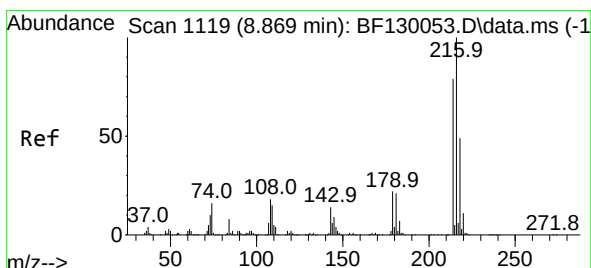
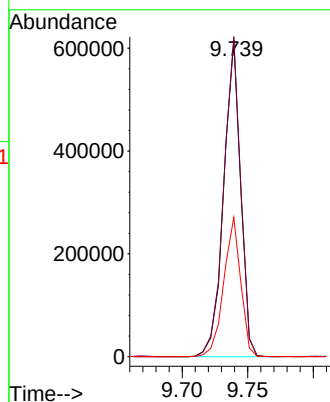
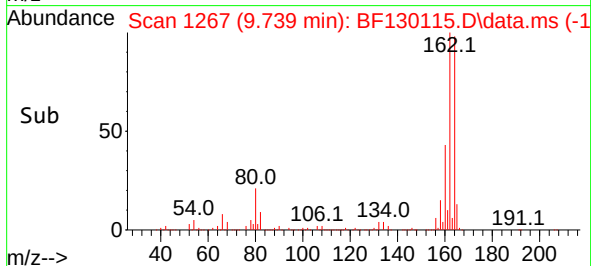
160 43.9 35.4 53.0

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: 43.817 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Tgt Ion:216 Resp: 629134

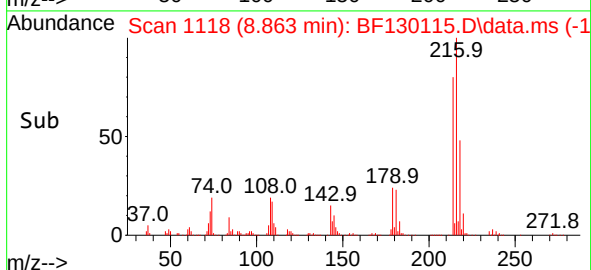
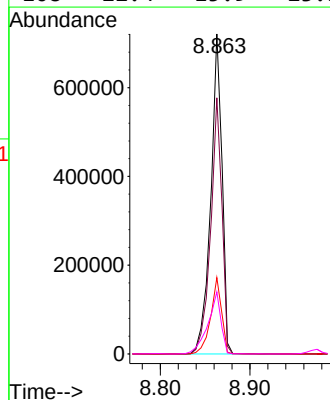
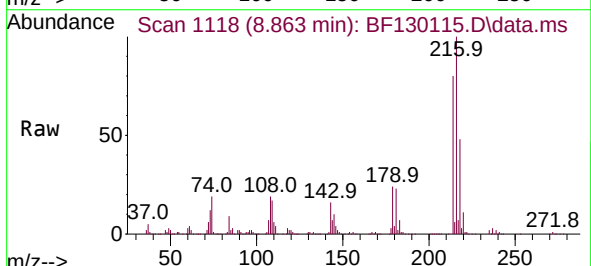
Ion Ratio Lower Upper

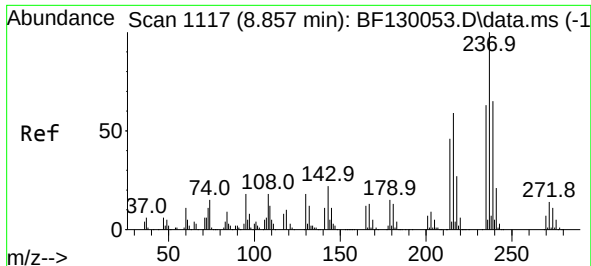
216 100

214 79.6 63.1 94.7

179 23.1 18.1 27.1

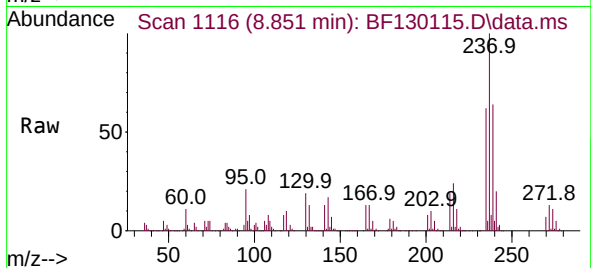
108 22.4 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 86.295 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

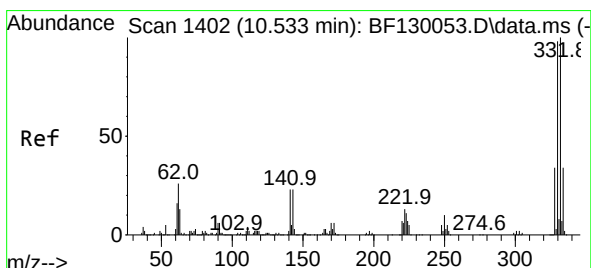
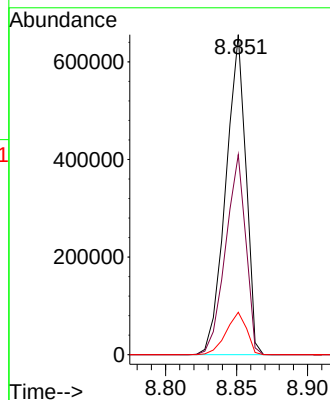
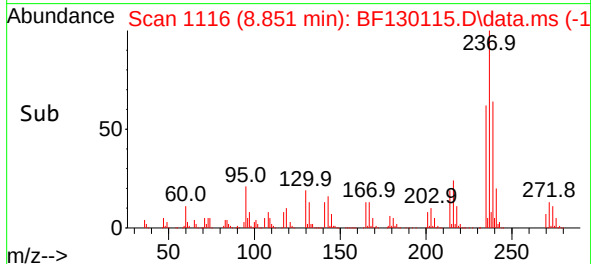
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



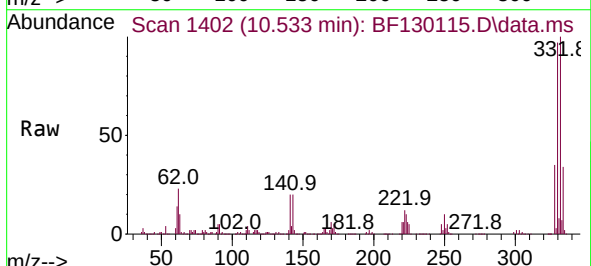
Tgt Ion:237 Resp: 647541
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 13.2 0.0 33.3

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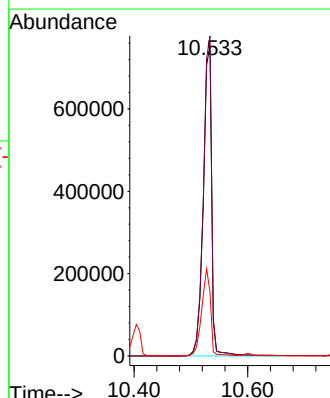
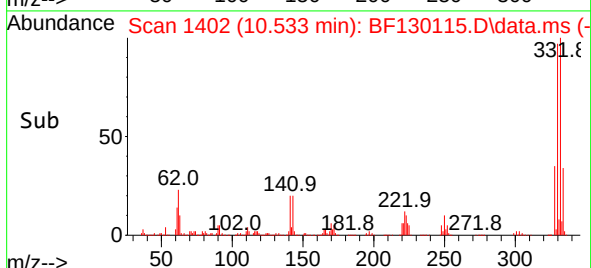
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

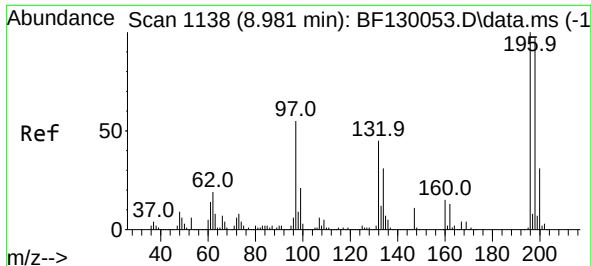


#42
2,4,6-Tribromophenol
Concen: 153.032 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



Tgt Ion:330 Resp: 767038
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 29.6 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 47.984 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:196 Resp: 491785

Ion Ratio Lower Upper

196 100

198 94.5 79.0 118.4

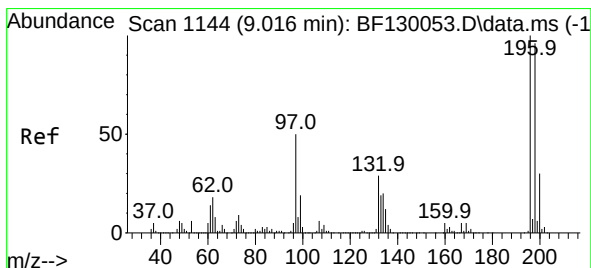
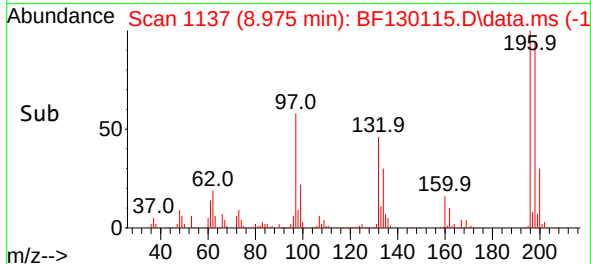
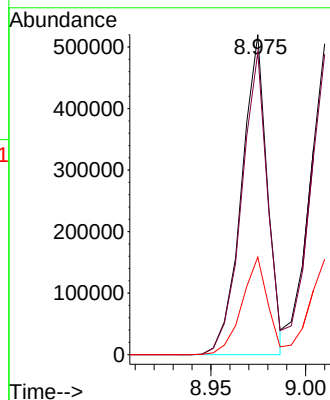
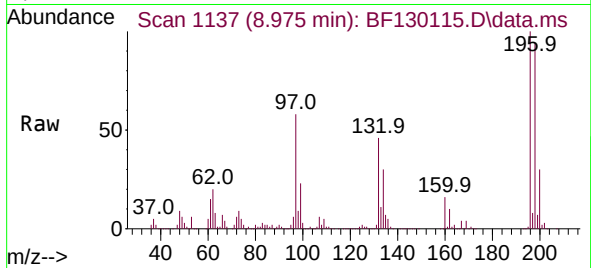
200 30.5 25.1 37.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#44

2,4,5-Trichlorophenol

Concen: 48.207 ng

RT: 9.010 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Tgt Ion:196 Resp: 535517

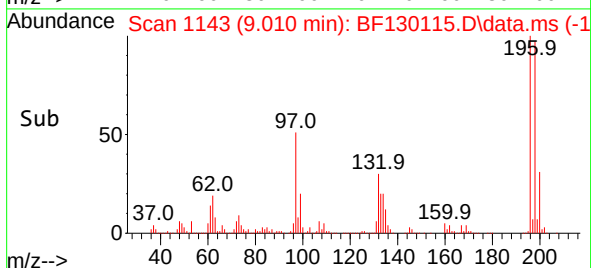
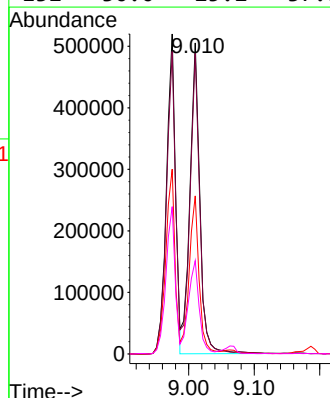
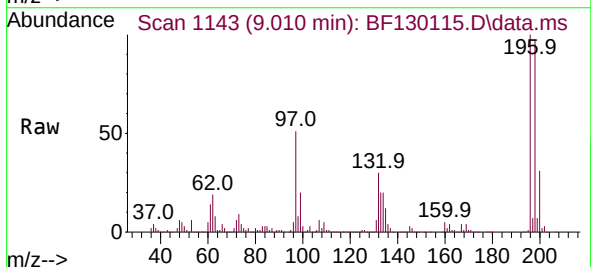
Ion Ratio Lower Upper

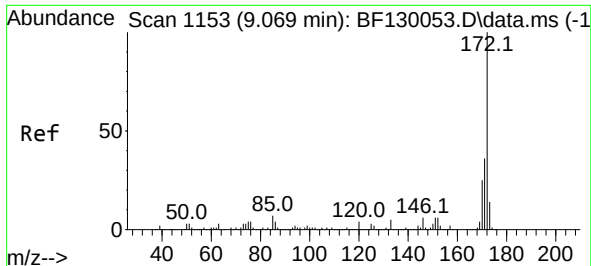
196 100

198 96.6 76.4 114.6

97 50.8 46.5 69.7

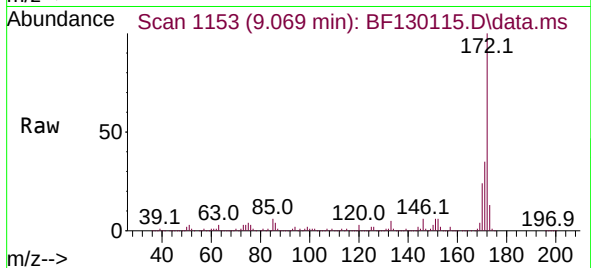
132 30.0 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 84.202 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

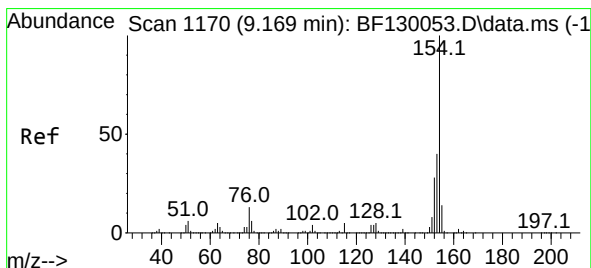
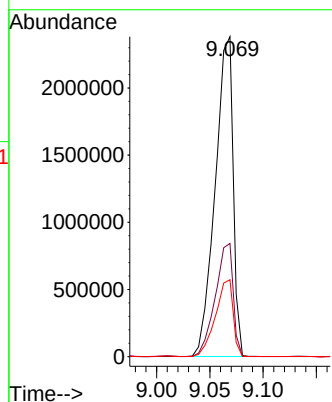
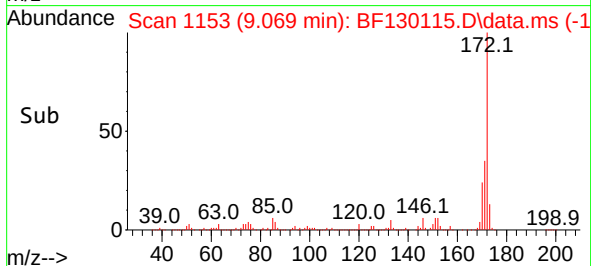
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



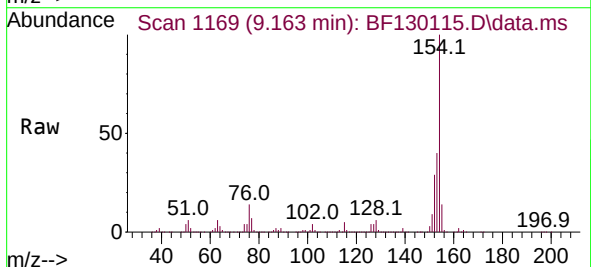
Tgt Ion:172 Resp: 2796472
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.0 19.1 28.7

Manual Integrations
APPROVED

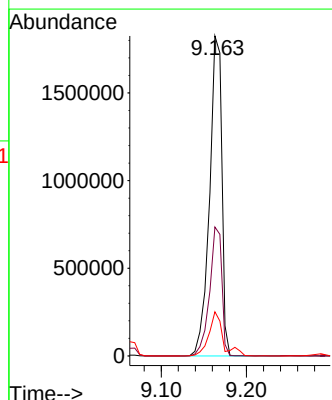
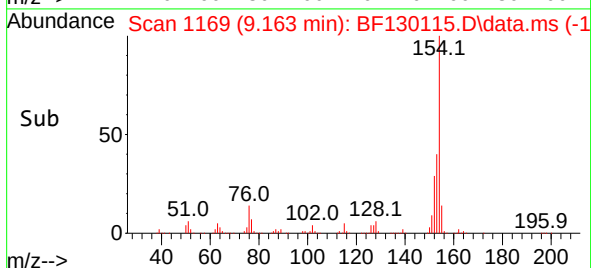
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

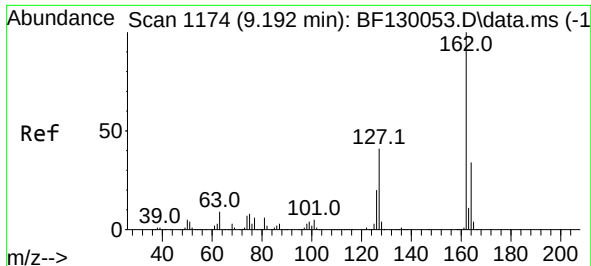


#46
1,1'-Biphenyl
Concen: 45.848 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



Tgt Ion:154 Resp: 1834054
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 13.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 45.136 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

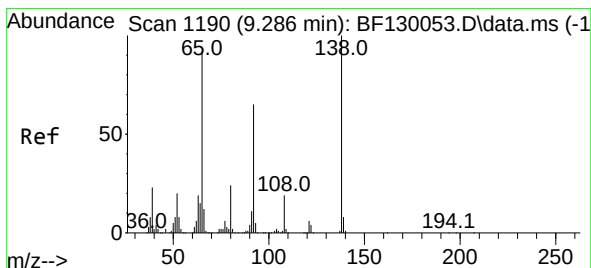
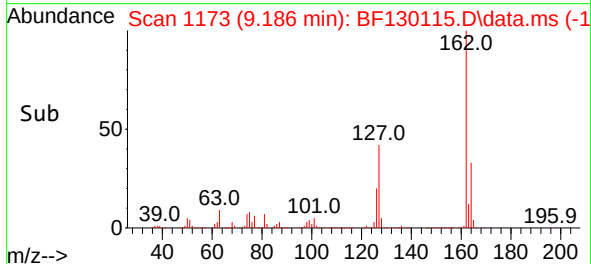
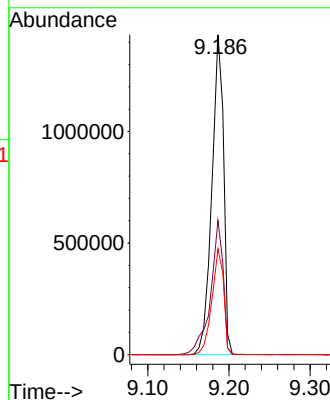
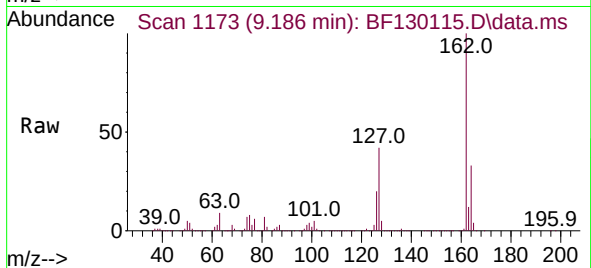
MW-05MSD

Tgt Ion:162 Resp: 1446721
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.1 49.7
 164 33.0 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: 58.668 ng

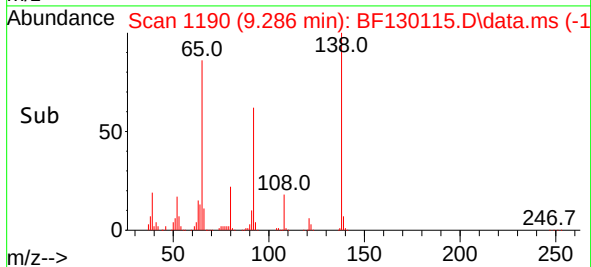
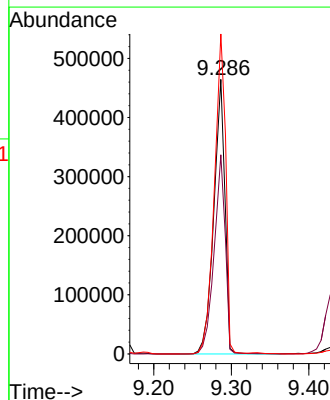
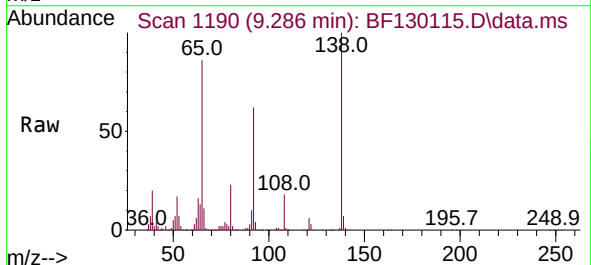
RT: 9.286 min Scan# 1190

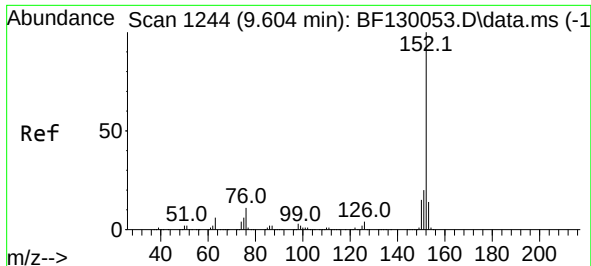
Delta R.T. 0.000 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

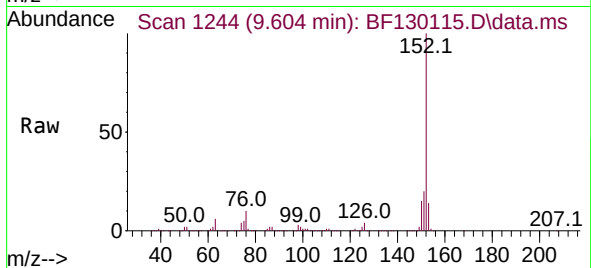
Tgt Ion: 65 Resp: 463391
 Ion Ratio Lower Upper
 65 100
 92 72.6 55.0 82.4
 138 116.6 81.3 121.9





#49
Acenaphthylene
Concen: 45.493 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

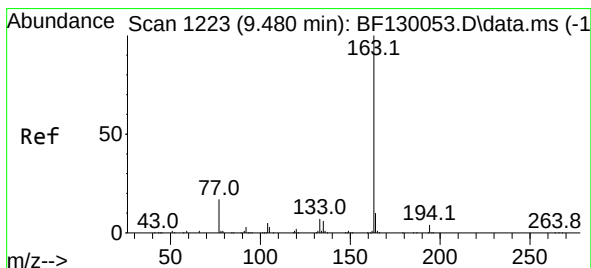
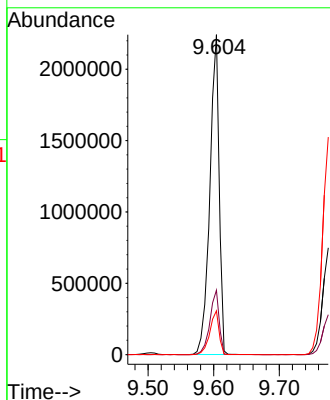
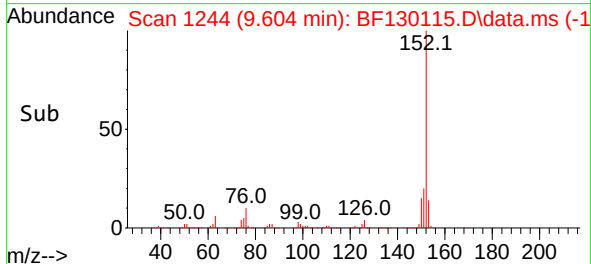
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



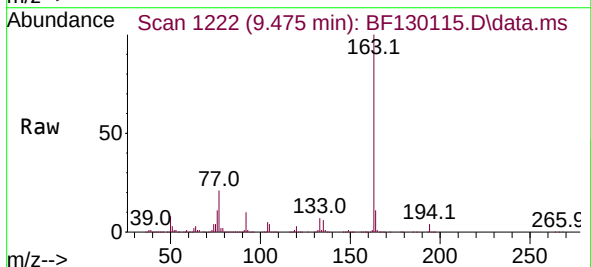
Tgt Ion:152 Resp: 2214244
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.7 10.6 16.0

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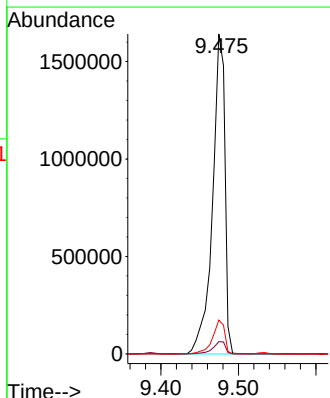
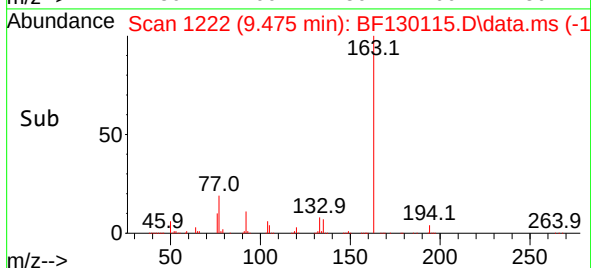
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

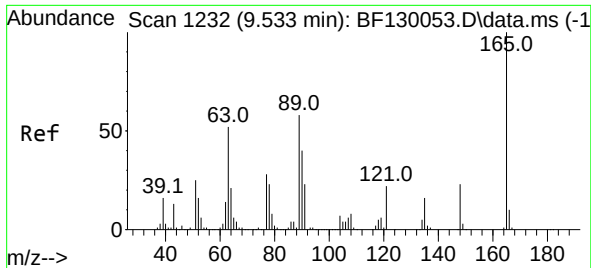


#50
Dimethylphthalate
Concen: 48.552 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



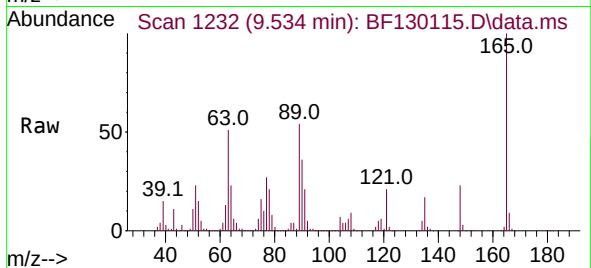
Tgt Ion:163 Resp: 1820927
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 57.077 ng
RT: 9.534 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

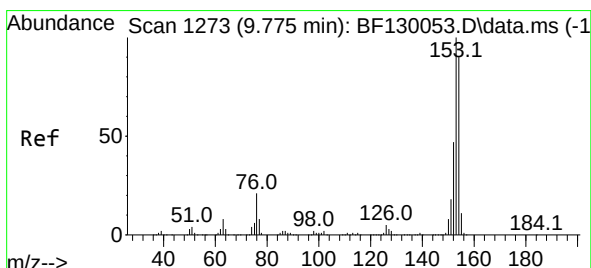
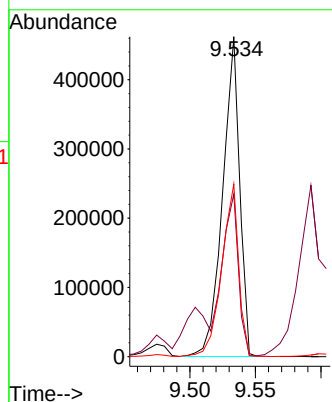
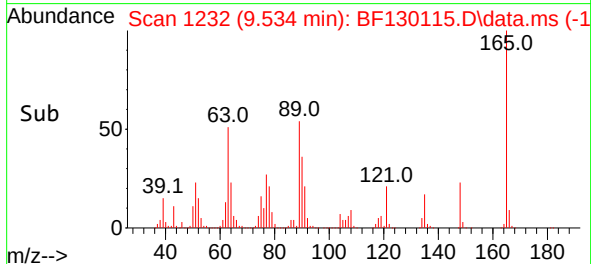
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



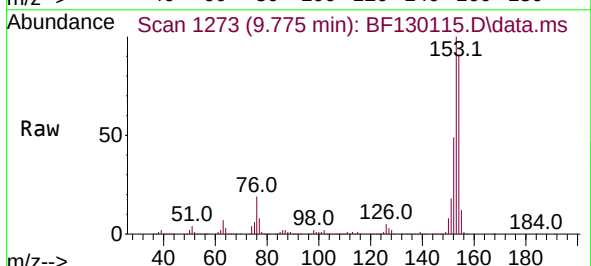
Tgt Ion:165 Resp: 417356
Ion Ratio Lower Upper
165 100
63 50.8 47.8 71.8
89 53.9 47.2 70.8

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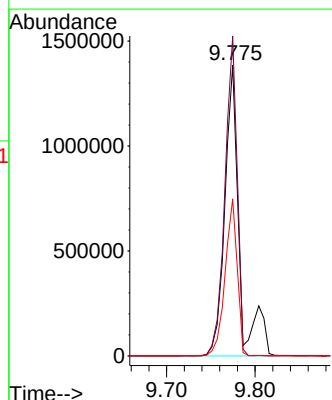
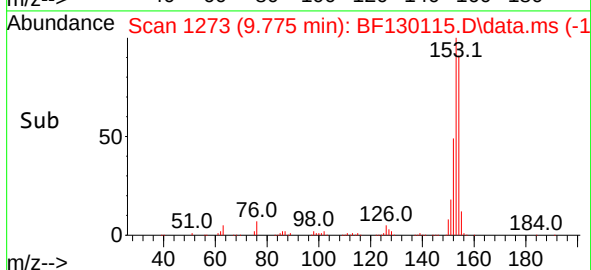
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

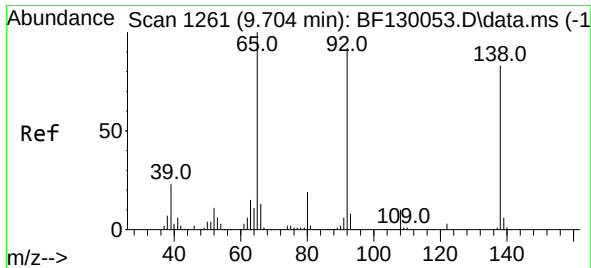


#52
Acenaphthene
Concen: 51.420 ng m
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



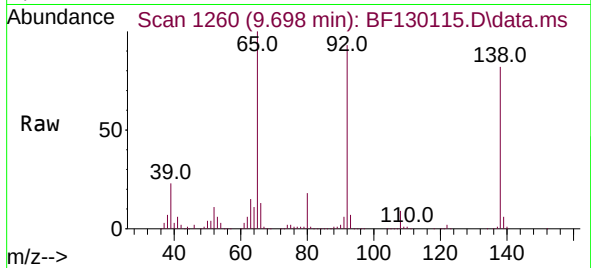
Tgt Ion:154 Resp: 1577274
Ion Ratio Lower Upper
154 100
153 110.1 89.8 134.6
152 54.1 42.1 63.1





#53
3-Nitroaniline
Concen: 36.806 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

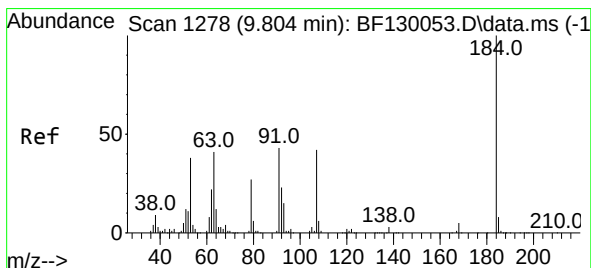
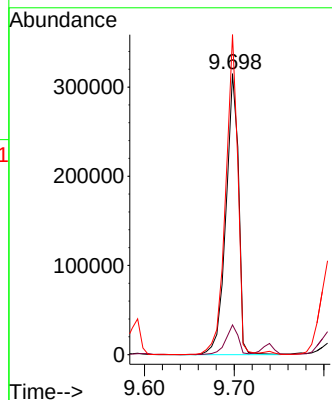
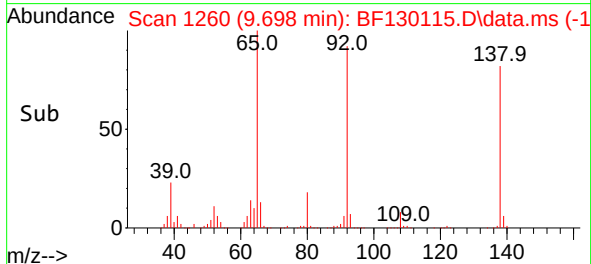
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:138 Resp: 308908
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 113.9 89.8 134.8

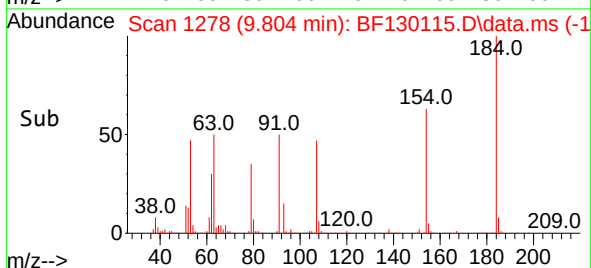
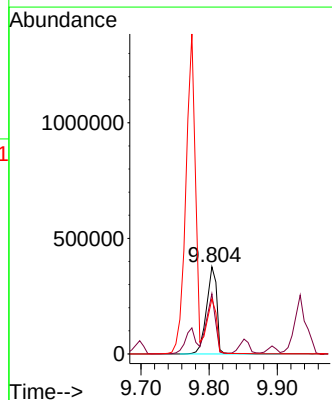
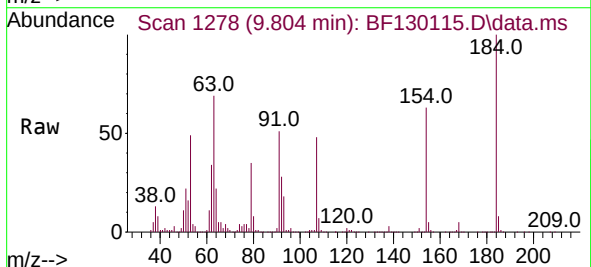
Manual Integrations
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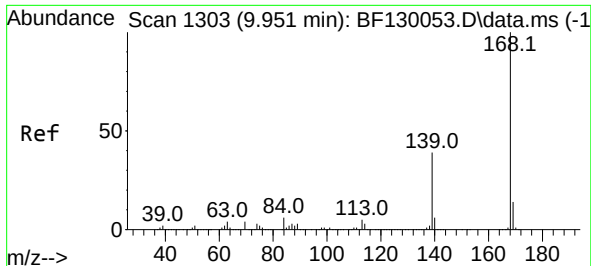
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#54
2,4-Dinitrophenol
Concen: 115.533 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

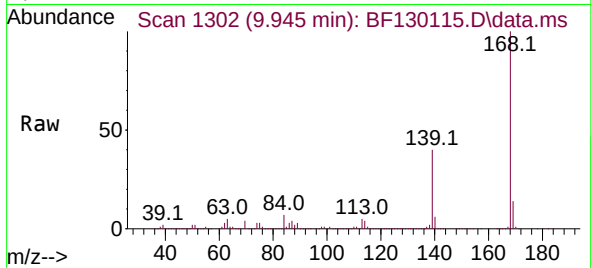
Tgt Ion:184 Resp: 396813
Ion Ratio Lower Upper
184 100
63 68.9 59.6 89.4
154 63.1 55.3 82.9





#55
Dibenzofuran
Concen: 45.997 ng
RT: 9.945 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

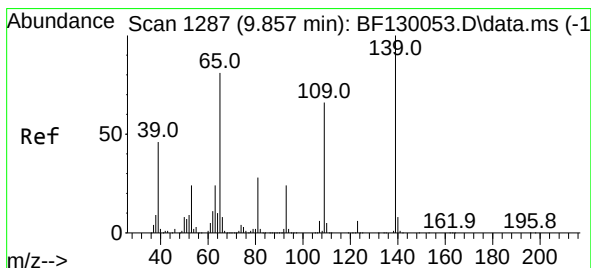
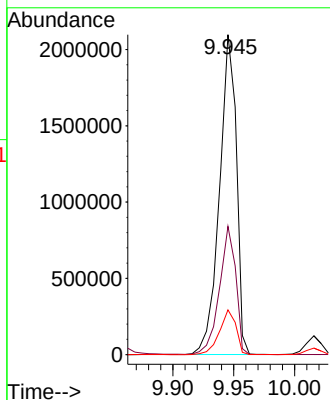
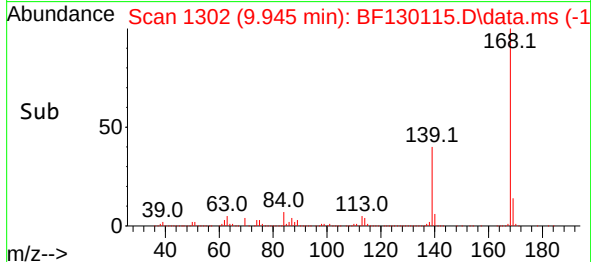
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:168 Resp: 2020359
Ion Ratio Lower Upper
168 100
139 40.1 31.3 46.9
169 14.0 10.7 16.1

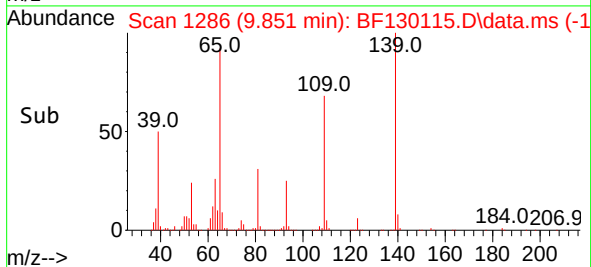
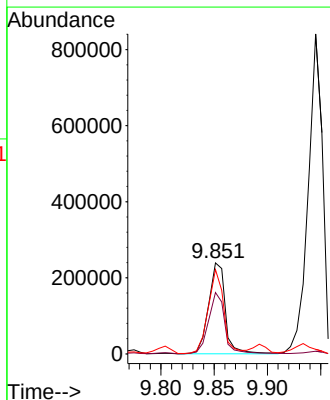
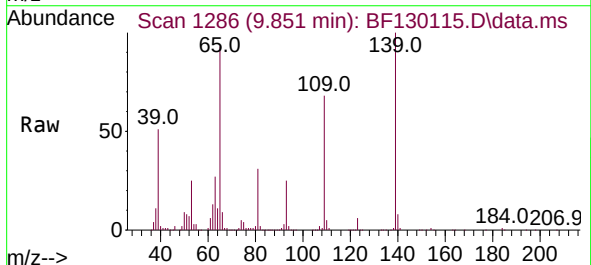
Manual Integrations
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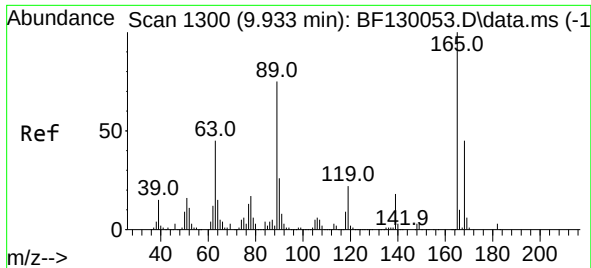
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#56
4-Nitrophenol
Concen: 40.130 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:139 Resp: 259668
Ion Ratio Lower Upper
139 100
109 67.6 52.9 92.9
65 92.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 61.655 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:165 Resp: 519056

Ion Ratio Lower Upper

165 100

63 45.8 48.4 72.6

89 72.9 62.3 93.5

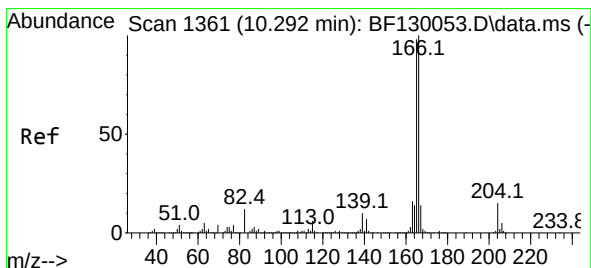
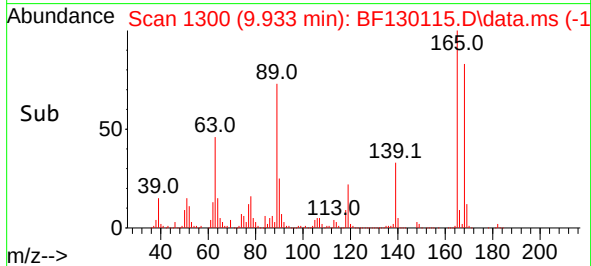
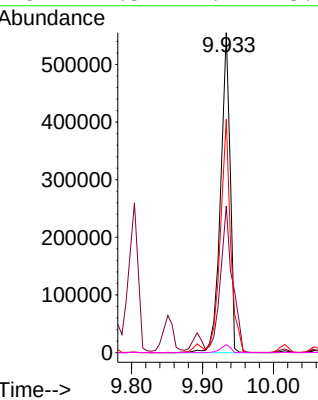
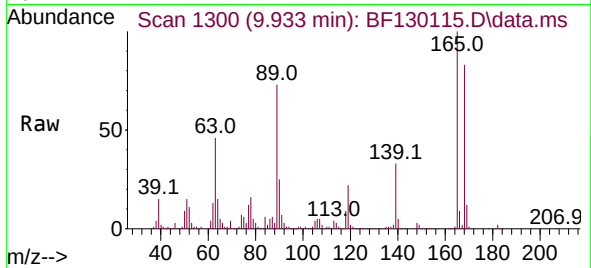
182 2.5 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#58

Fluorene

Concen: 44.087 ng

RT: 10.286 min Scan# 1360

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

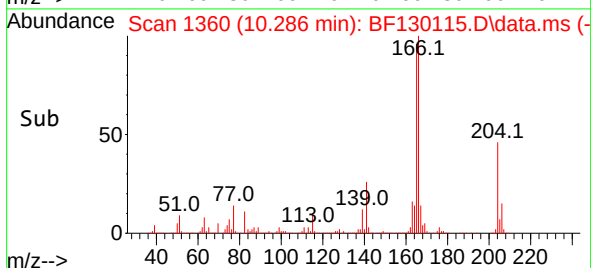
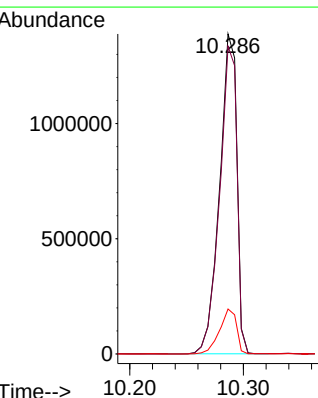
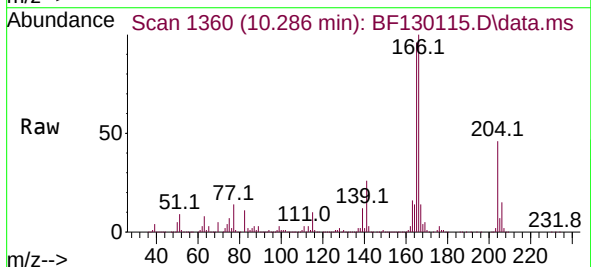
Tgt Ion:166 Resp: 1473424

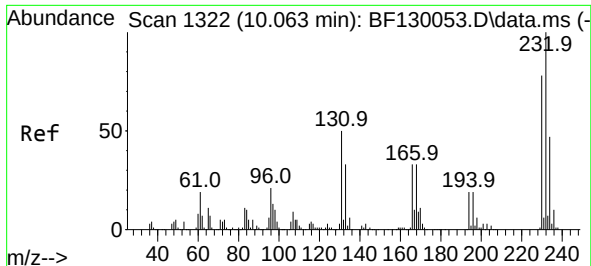
Ion Ratio Lower Upper

166 100

165 96.1 77.9 116.9

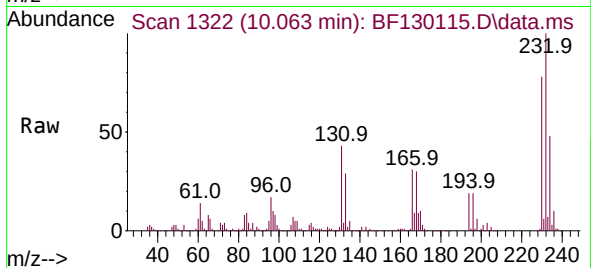
167 14.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.311 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

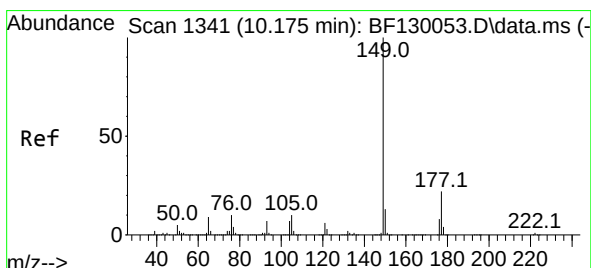
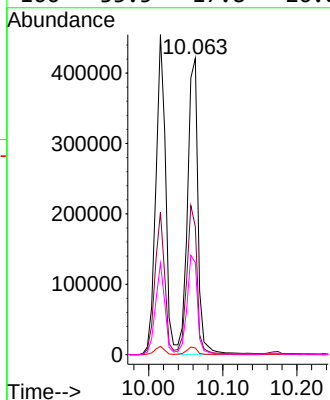
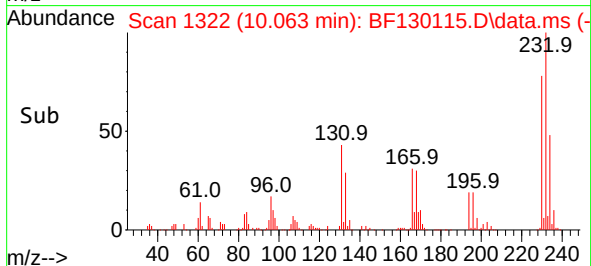
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



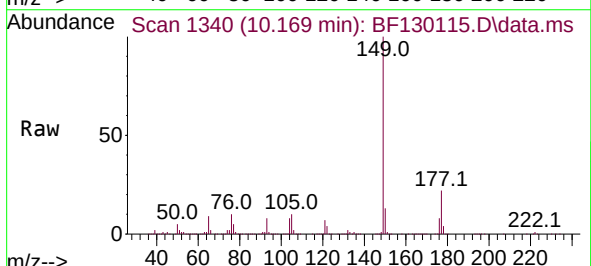
Tgt Ion:232 Resp: 408194
Ion Ratio Lower Upper
232 100
131 49.5 29.9 44.9
130 2.6 1.5 2.3
166 33.5 17.8 26.8

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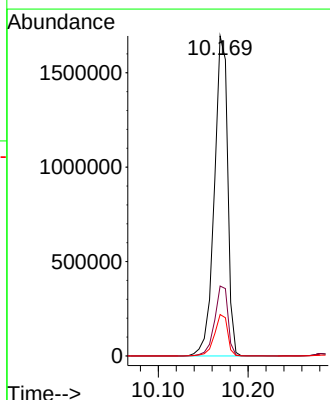
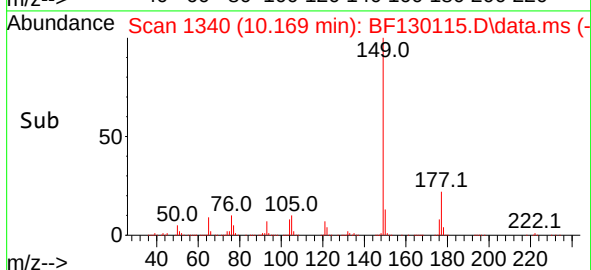
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

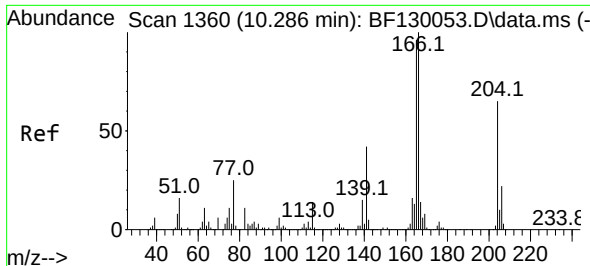


#60
Diethylphthalate
Concen: 48.095 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



Tgt Ion:149 Resp: 1745026
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.9 10.1 15.1





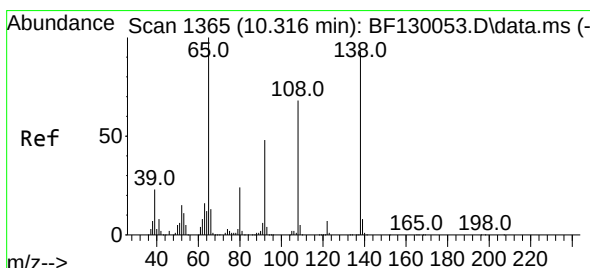
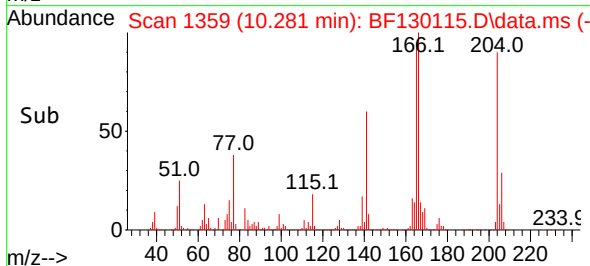
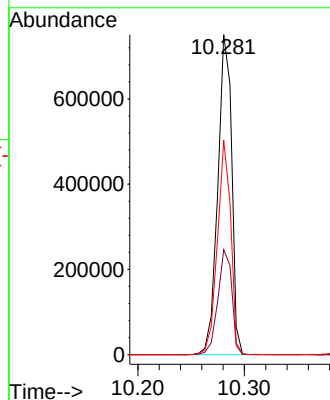
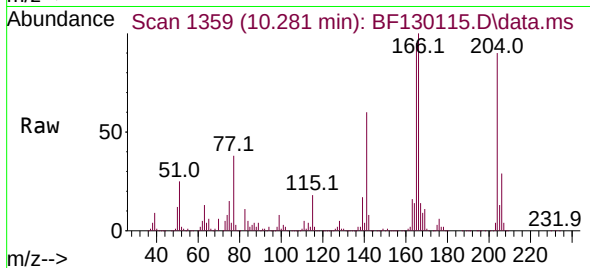
#61
4-Chlorophenyl-phenylether
Concen: 46.123 ng
RT: 10.281 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Instrument :
BNA_F
ClientSampleId :
MW-05MSD

Tgt Ion:204 Resp: 681420
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.0 52.6 79.0

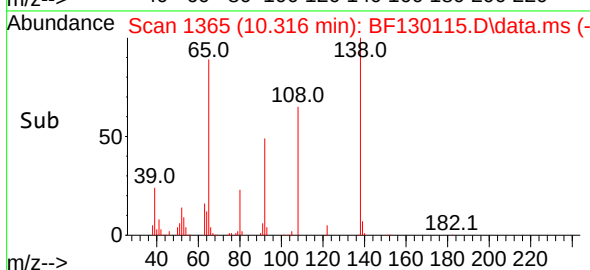
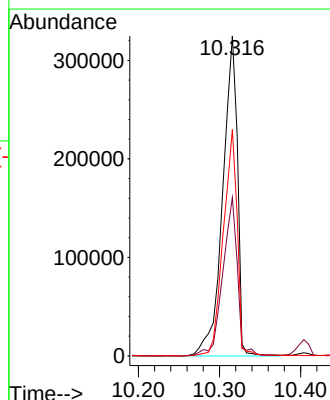
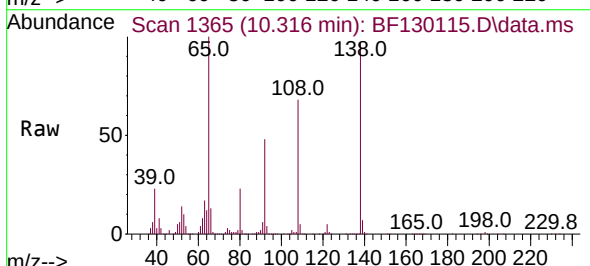
Manual Integrations
APPROVED

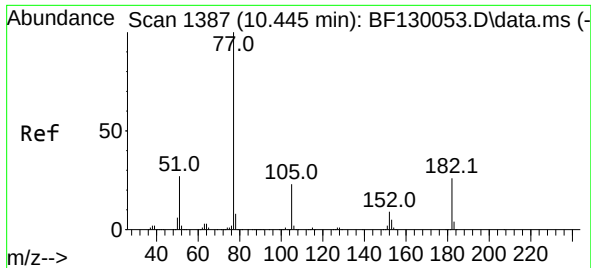
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#62
4-Nitroaniline
Concen: 50.019 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

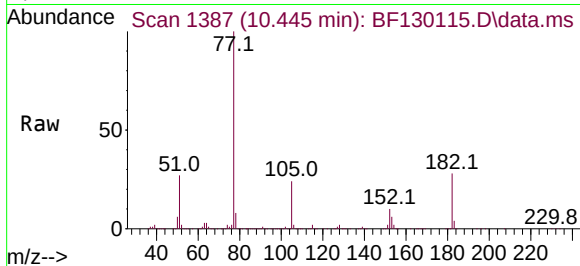
Tgt Ion:138 Resp: 408281
Ion Ratio Lower Upper
138 100
92 49.5 30.3 70.3
108 70.7 55.7 95.7





#63
Azobenzene
Concen: 45.677 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

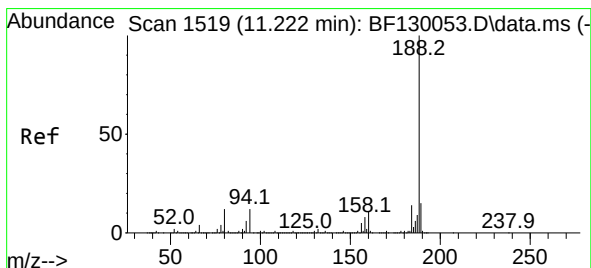
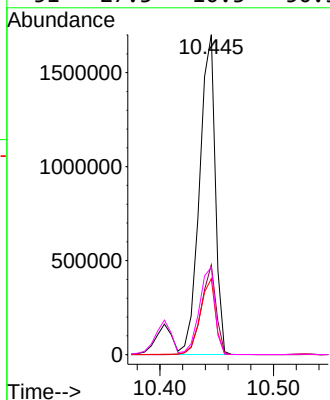
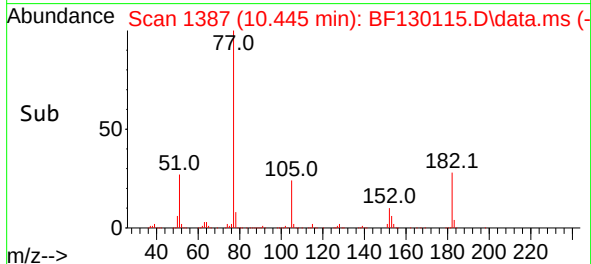
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



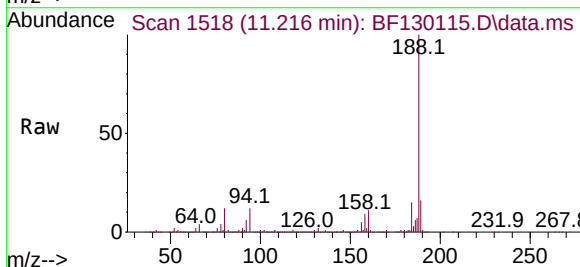
Tgt Ion: 77 Resp: 163175
Ion Ratio Lower Upper
77 100
182 28.0 2.2 42.2
105 23.7 0.8 40.8
51 27.3 10.3 50.3

Manual Integrations
APPROVED

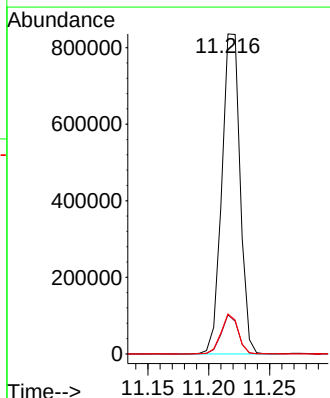
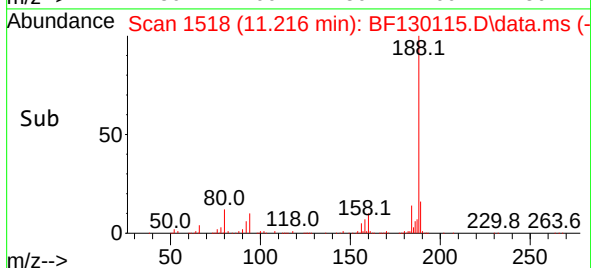
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

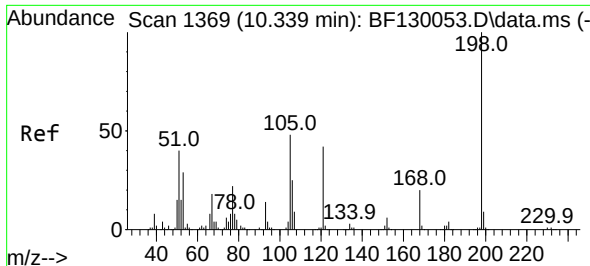


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



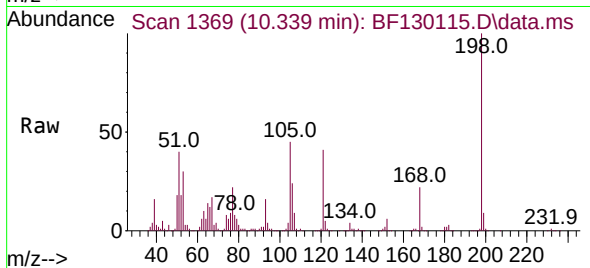
Tgt Ion:188 Resp: 873210
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 12.5 7.9 11.9#





#65
4,6-Dinitro-2-methylphenol
Concen: 58.353 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

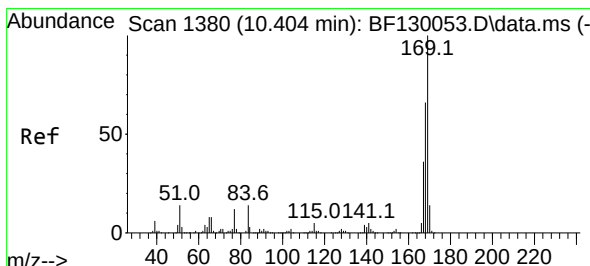
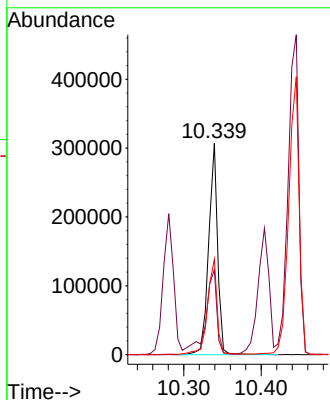
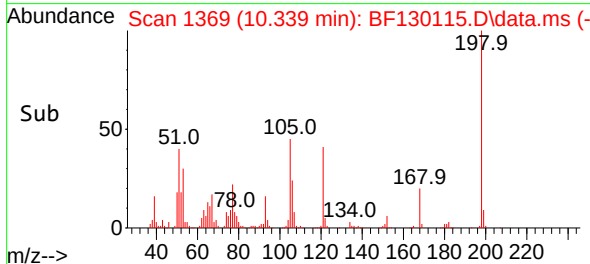
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



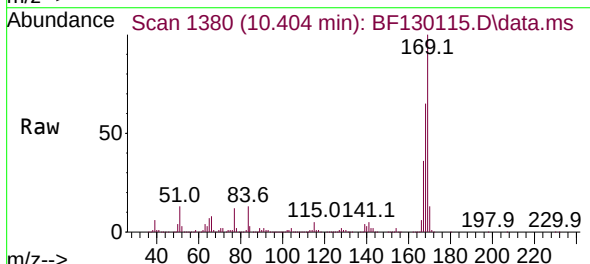
Tgt Ion:198 Resp: 246058
Ion Ratio Lower Upper
198 100
51 40.0 29.4 69.4
105 45.1 29.2 69.2

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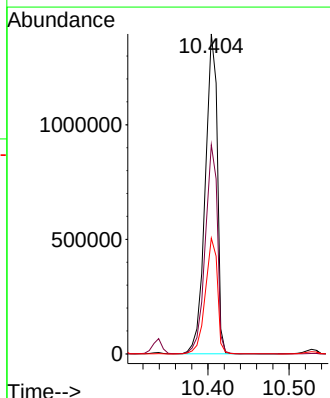
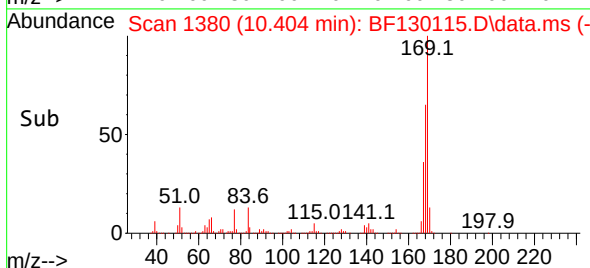
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

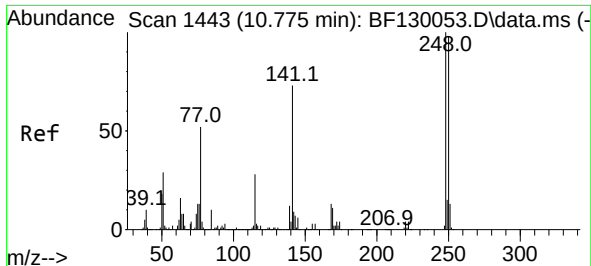


#66
n-Nitrosodiphenylamine
Concen: 49.438 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



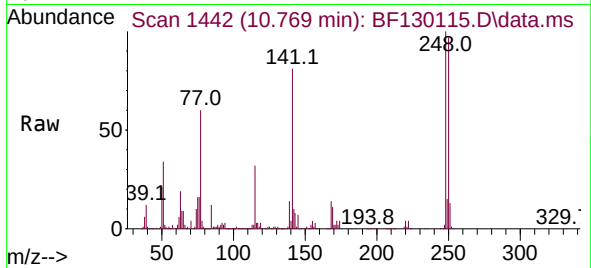
Tgt Ion:169 Resp: 1443130
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.2
167 36.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 50.576 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

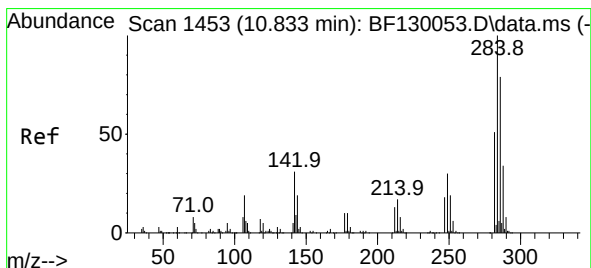
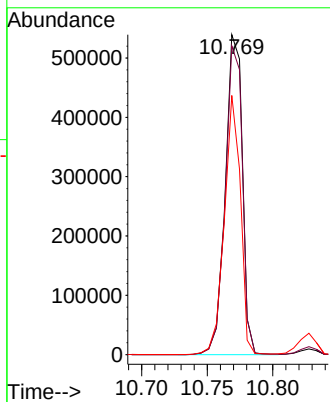
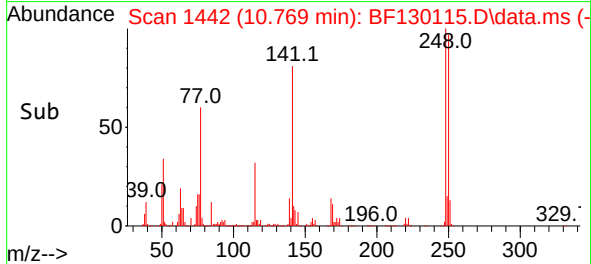
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



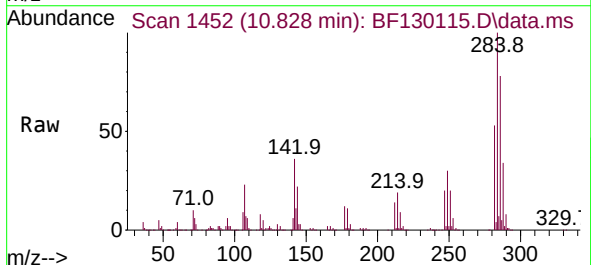
Tgt Ion:248 Resp: 491232
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 81.0 66.2 99.2

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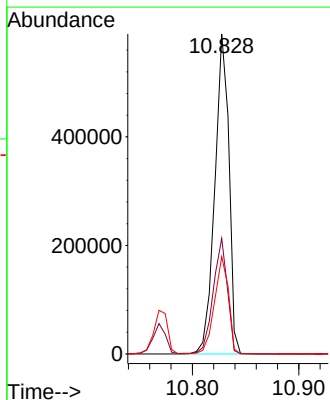
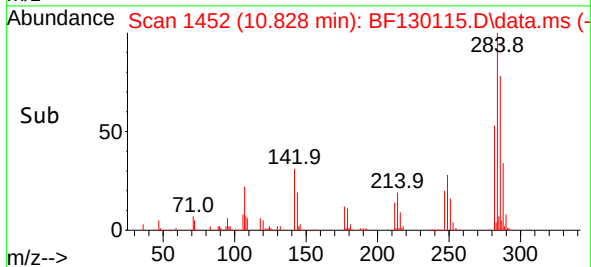
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

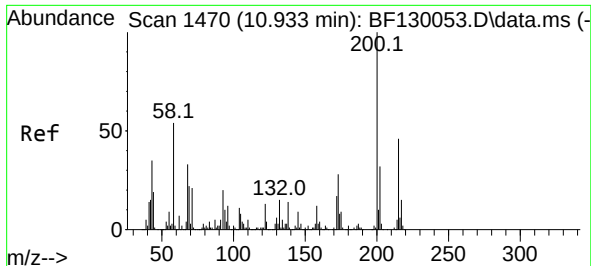


#68
Hexachlorobenzene
Concen: 51.433 ng
RT: 10.828 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



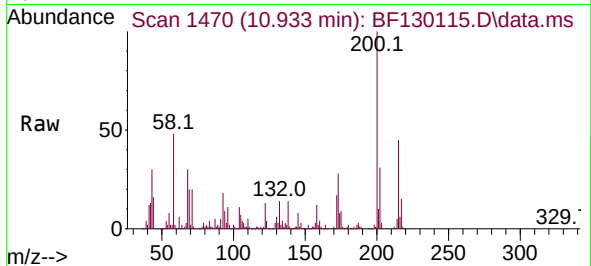
Tgt Ion:284 Resp: 544326
Ion Ratio Lower Upper
284 100
142 36.1 31.4 47.0
249 30.4 25.7 38.5





#69
 Atrazine
 Concen: 55.142 ng
 RT: 10.933 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18

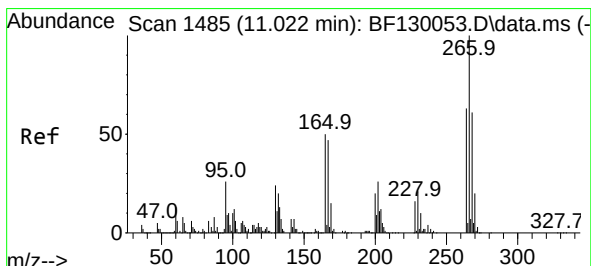
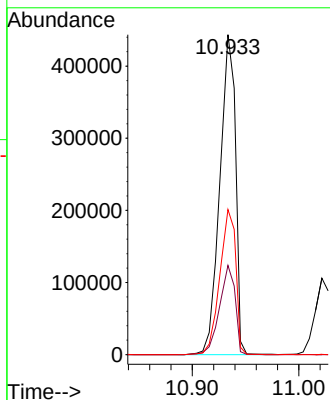
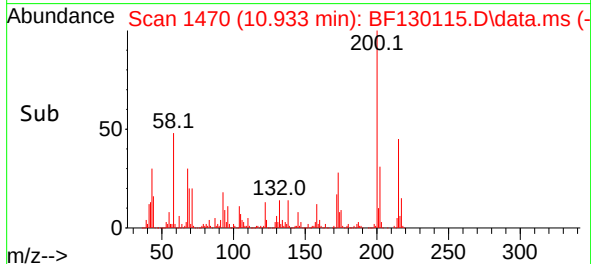
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MSD



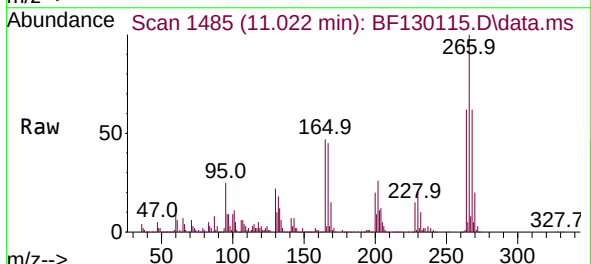
Tgt Ion:200 Resp: 455372
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.4 46.4
 215 45.3 27.1 67.1

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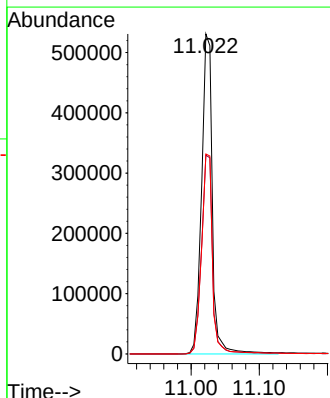
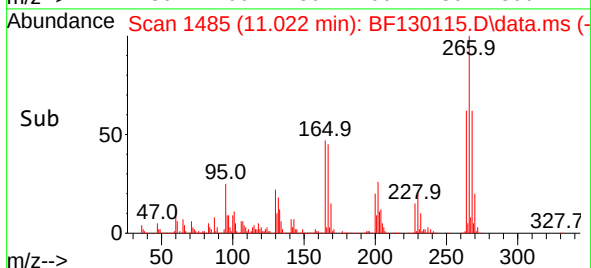
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

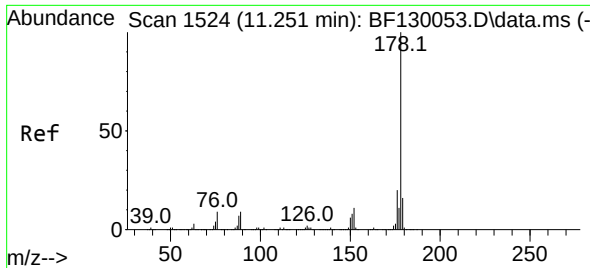


#70
 Pentachlorophenol
 Concen: 98.621 ng
 RT: 11.022 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18



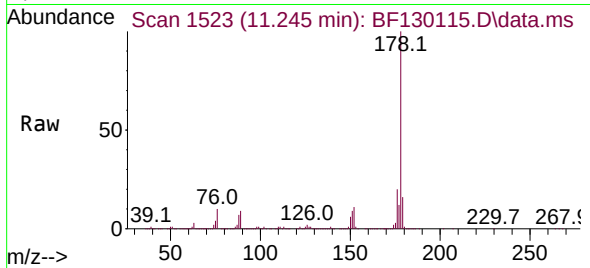
Tgt Ion:266 Resp: 583644
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.0 73.4
 264 62.5 47.9 71.9





#71
Phenanthrene
Concen: 46.038 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

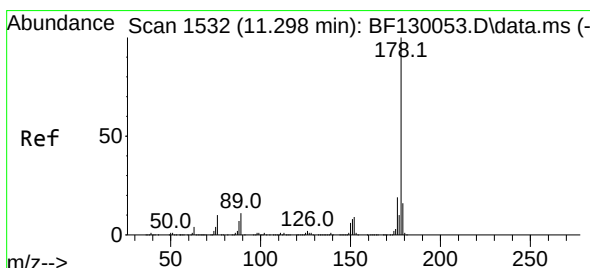
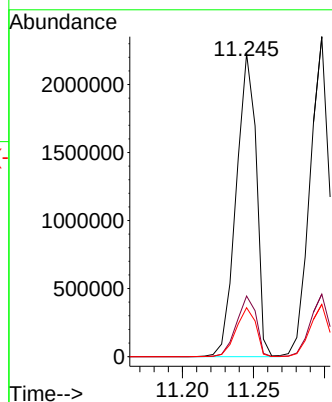
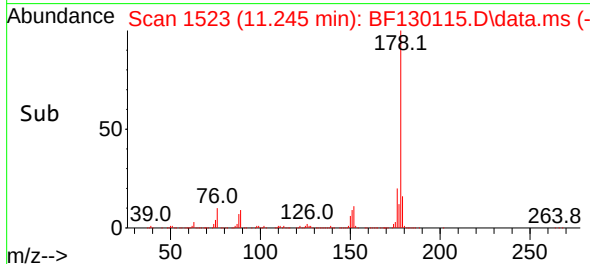
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



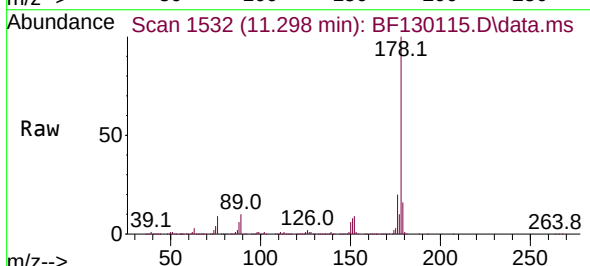
Tgt Ion:178 Resp: 2180135
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.1 12.5 18.7

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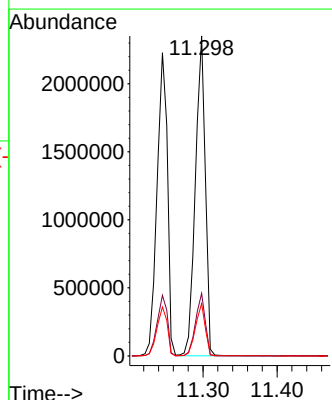
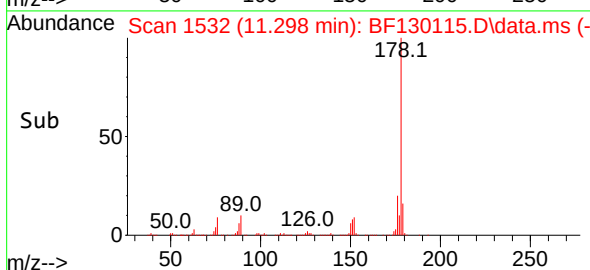
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

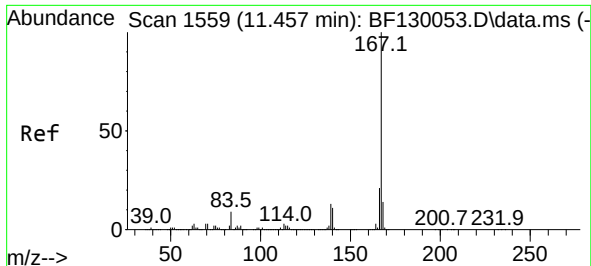


#72
Anthracene
Concen: 47.054 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



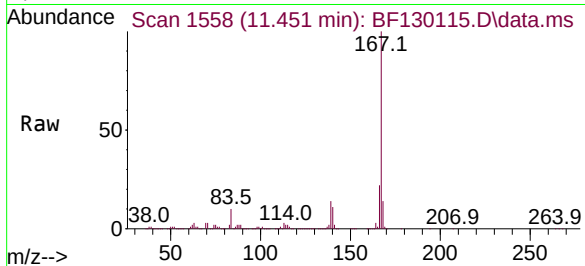
Tgt Ion:178 Resp: 2190482
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 16.3 12.6 18.8





#73
 Carbazole
 Concen: 47.294 ng
 RT: 11.451 min Scan# 1558
 Delta R.T. -0.006 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18

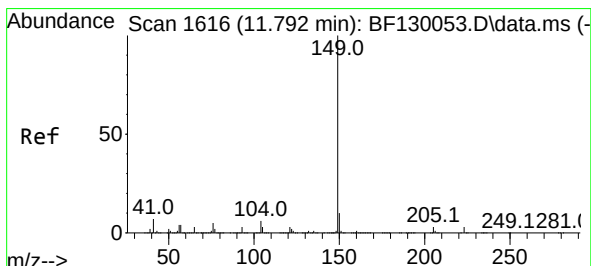
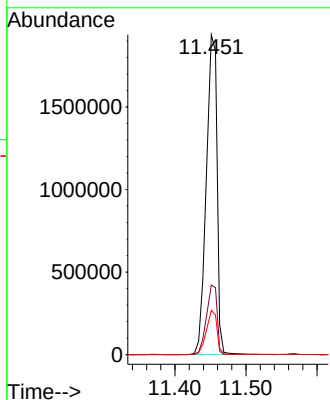
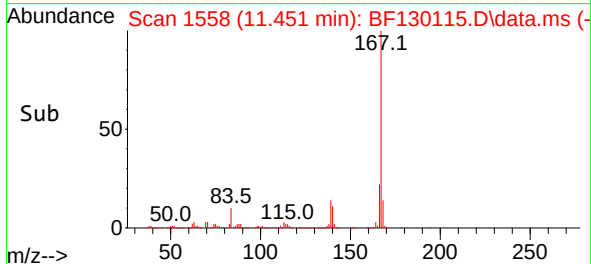
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MSD



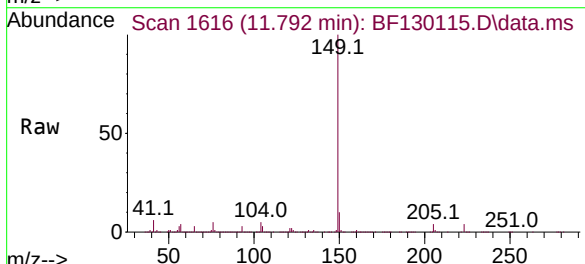
Tgt Ion:167 Resp: 2030256
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.8 11.0 16.6

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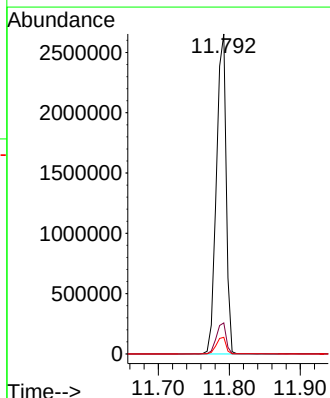
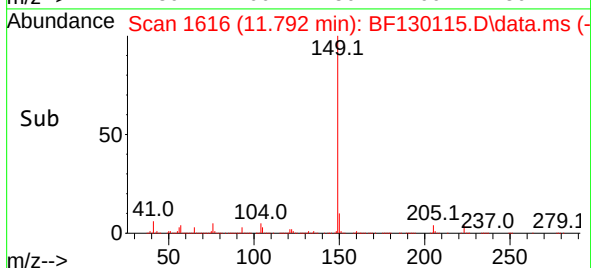
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

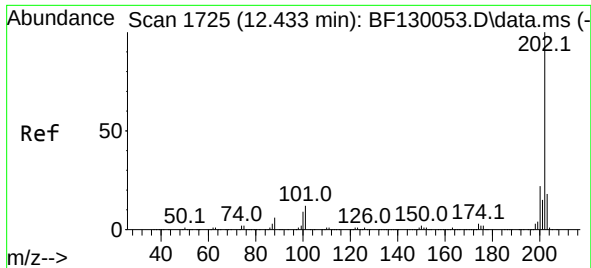


#74
 Di-n-butylphthalate
 Concen: 48.930 ng
 RT: 11.792 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18



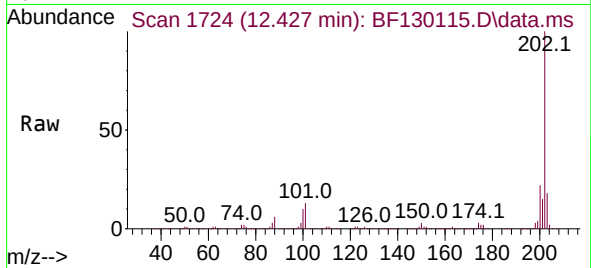
Tgt Ion:149 Resp: 2532884
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 44.547 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

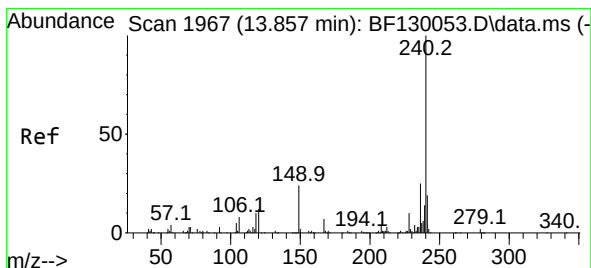
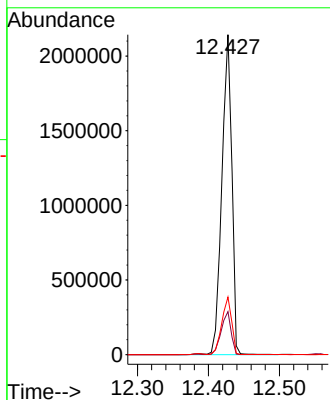
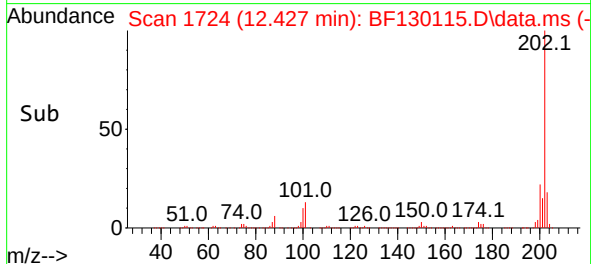
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



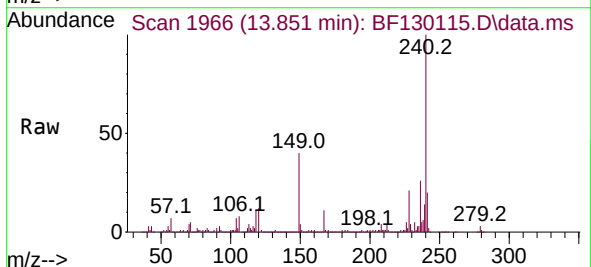
Tgt Ion:202 Resp: 2091903
Ion Ratio Lower Upper
202 100
101 13.4 0.0 30.7
203 18.0 0.0 37.5

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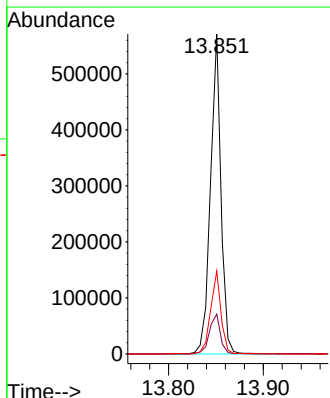
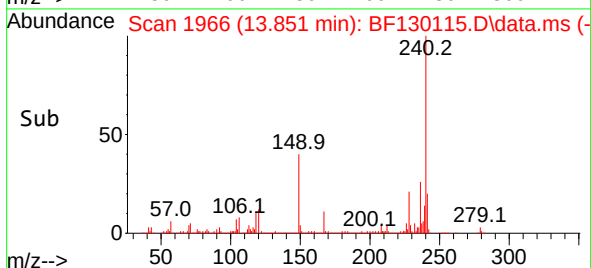
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

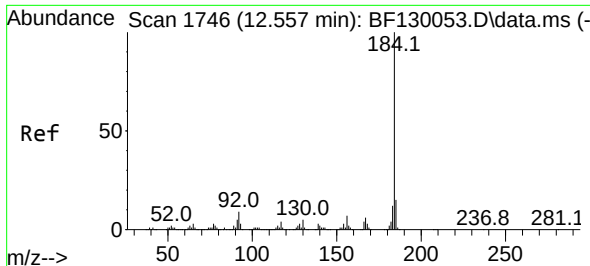


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



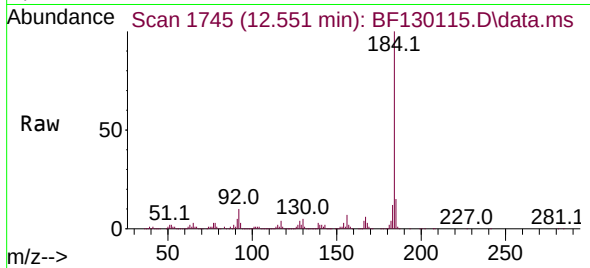
Tgt Ion:240 Resp: 441501
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.7 31.1





#77
Benzidine
Concen: 61.280 ng
RT: 12.551 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

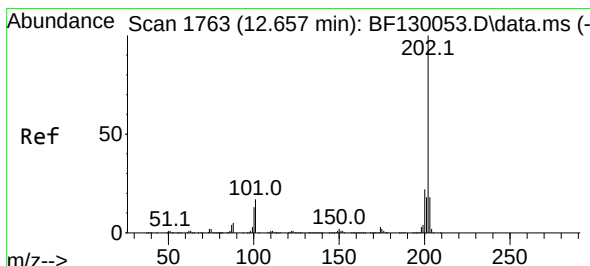
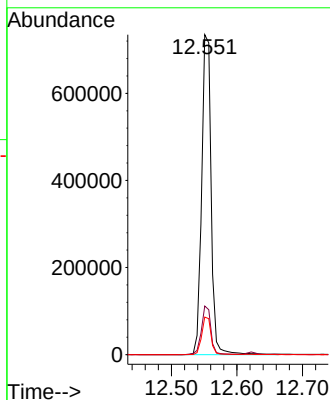
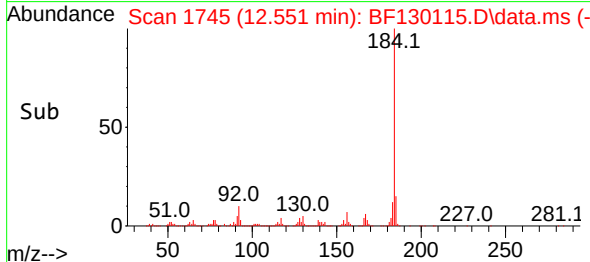
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:184 Resp: 730466
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.2
183 11.7 9.4 14.2

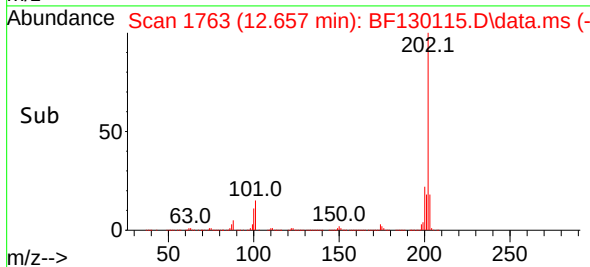
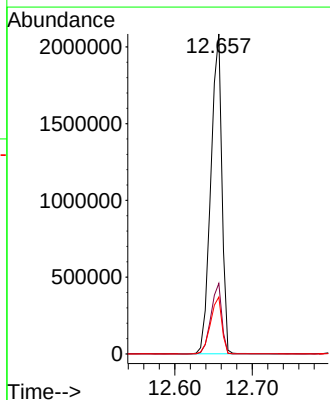
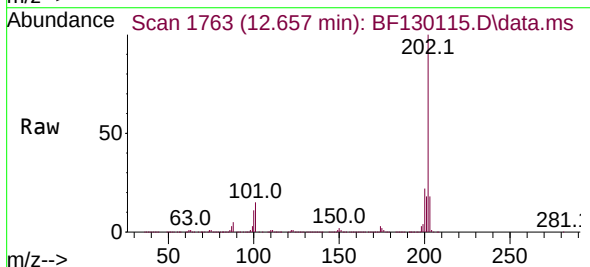
Manual Integrations
APPROVED

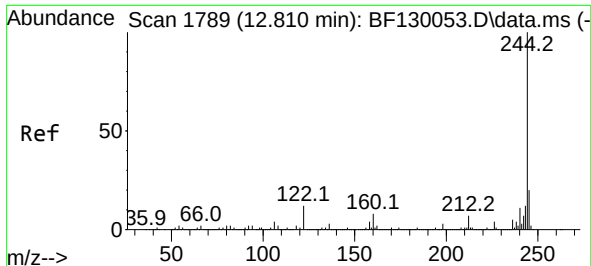
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#78
Pyrene
Concen: 52.108 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

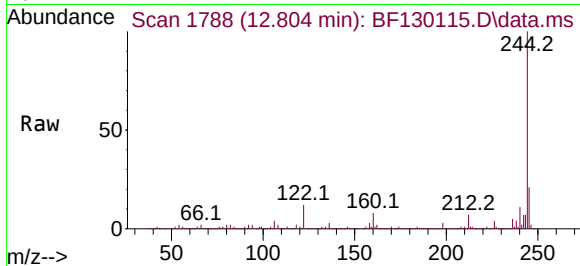
Tgt Ion:202 Resp: 2063492
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 101.017 ng
RT: 12.804 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

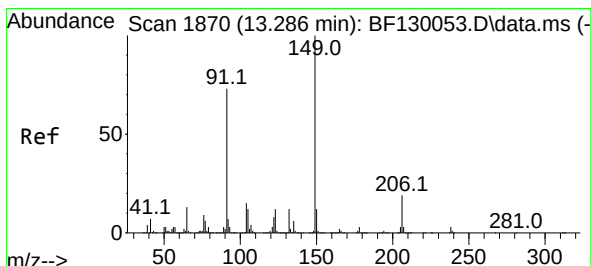
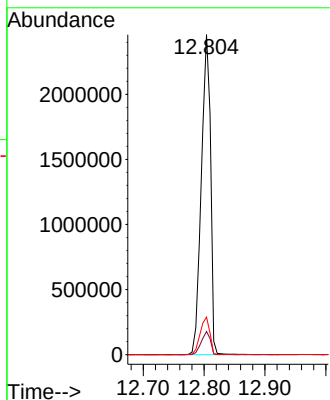
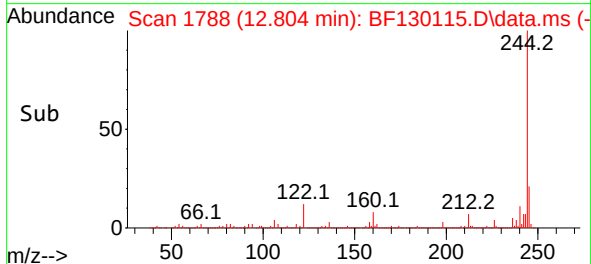
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



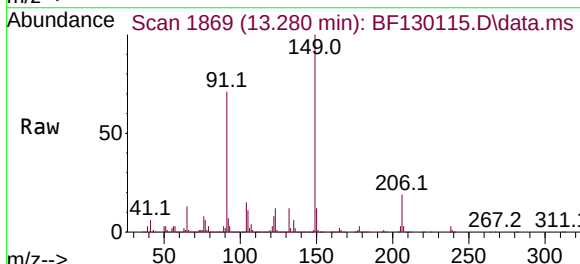
Tgt Ion:244 Resp: 2571860
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.8 9.9 14.9

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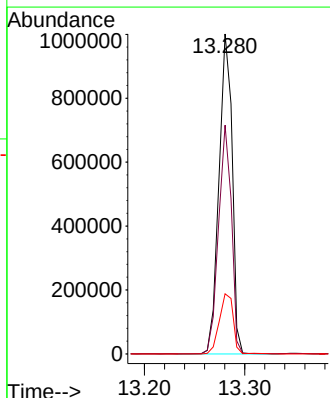
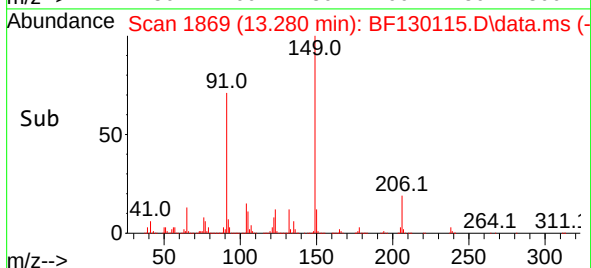
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

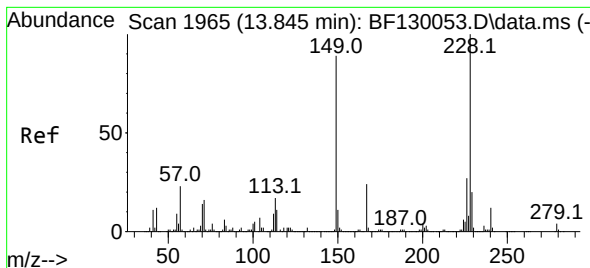


#80
Butylbenzylphthalate
Concen: 57.951 ng
RT: 13.280 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



Tgt Ion:149 Resp: 912791
Ion Ratio Lower Upper
149 100
91 71.5 55.4 83.0
206 18.8 15.8 23.6





#81

Benzo(a)anthracene

Concen: 48.176 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130115.D

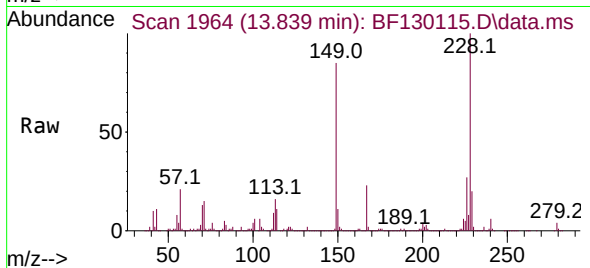
Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD



Tgt Ion:228 Resp: 1457626

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

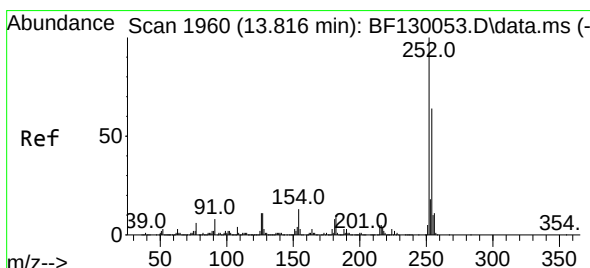
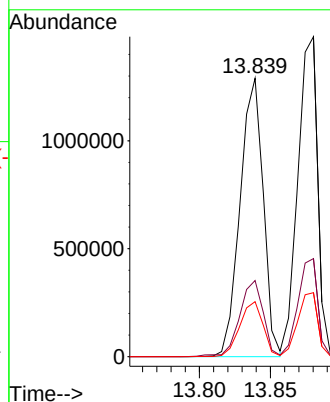
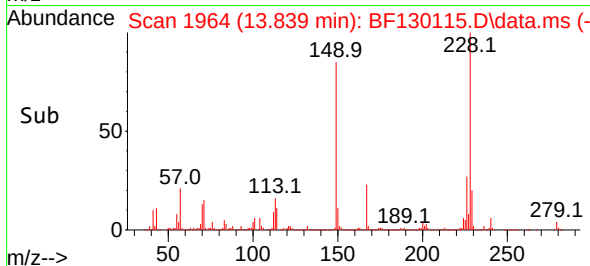
229 19.8 16.1 24.1

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#82

3,3'-Dichlorobenzidine

Concen: 49.143 ng

RT: 13.810 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

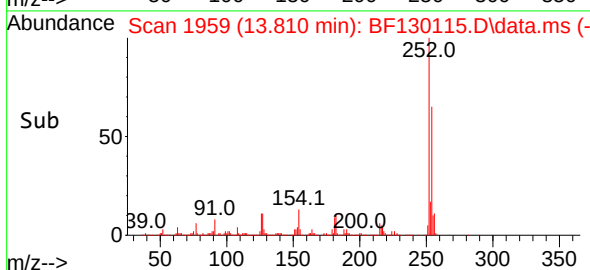
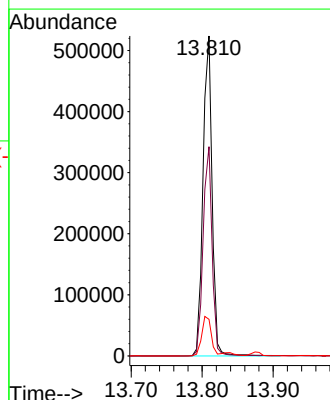
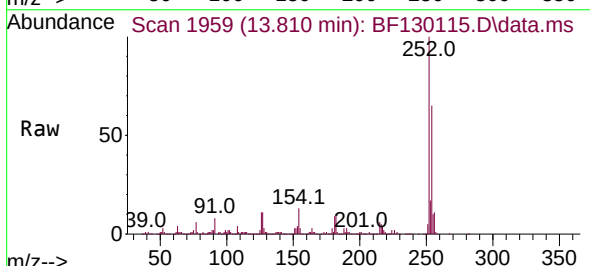
Tgt Ion:252 Resp: 463682

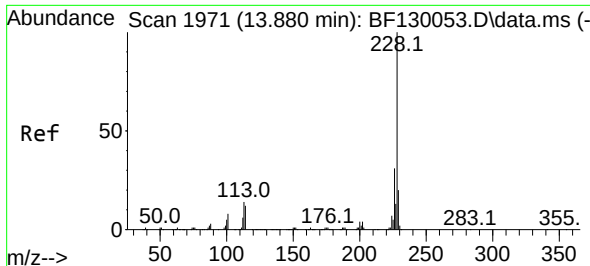
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

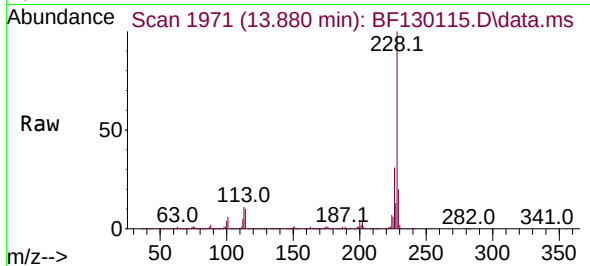
126 11.4 10.2 15.4





#83
Chrysene
Concen: 48.700 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

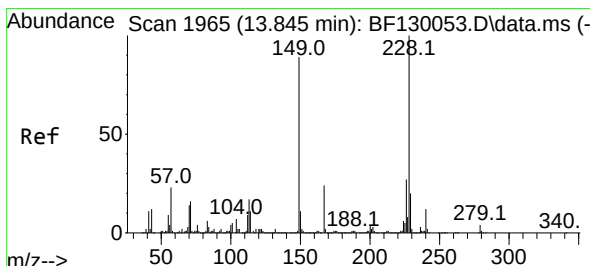
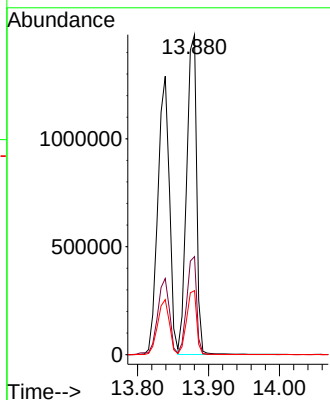
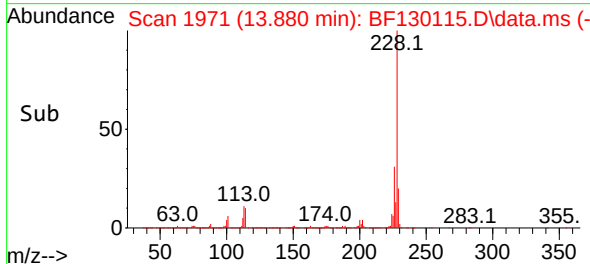
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



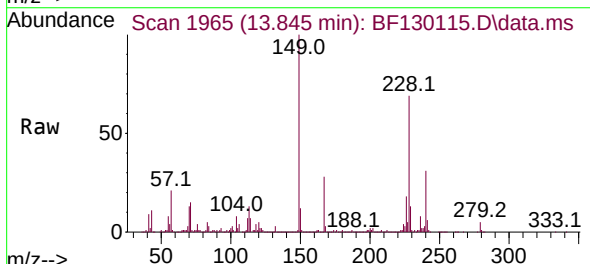
Tgt Ion:228 Resp: 1452730
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.0 15.9 23.9

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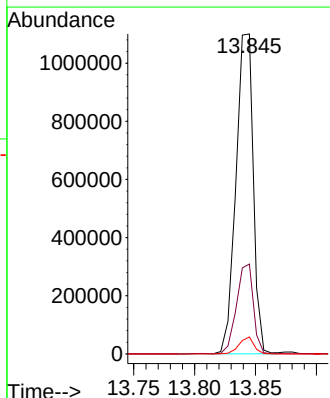
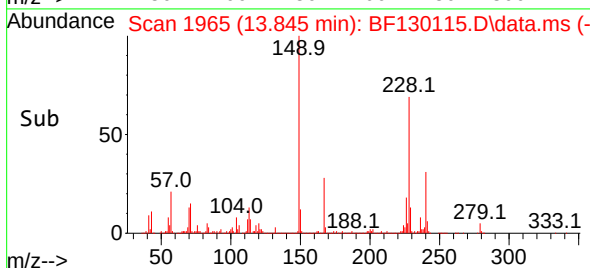
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

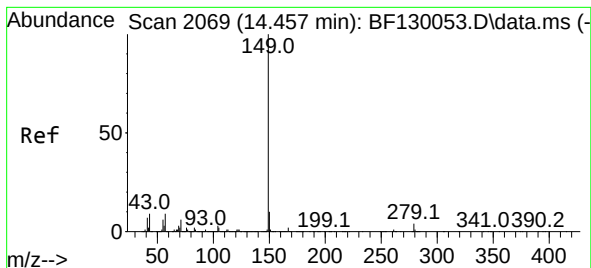


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.926 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



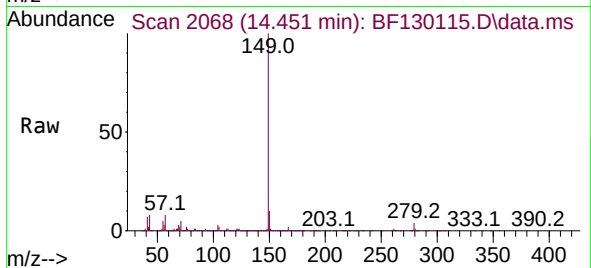
Tgt Ion:149 Resp: 1094947
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 5.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 59.741 ng
RT: 14.451 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

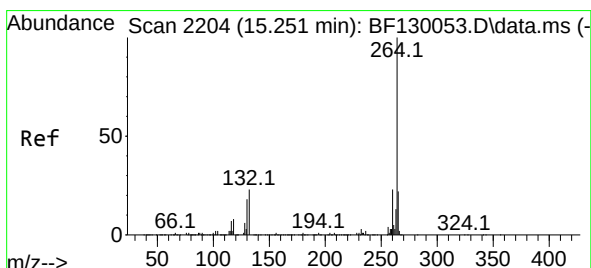
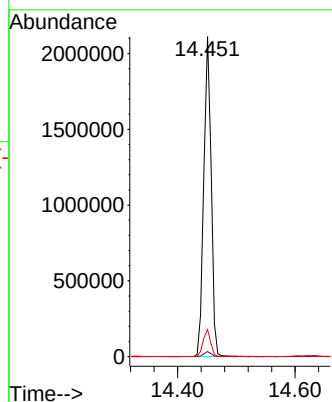
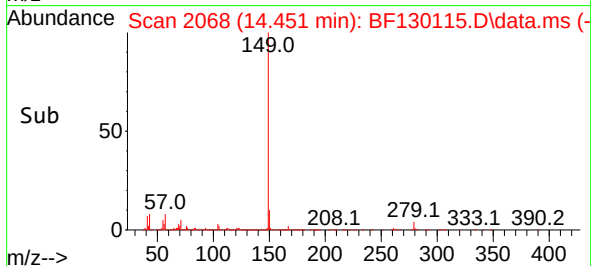
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



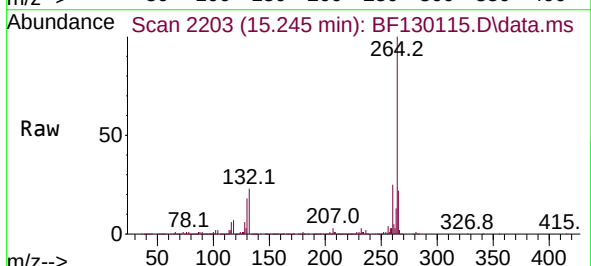
Tgt Ion:149 Resp: 1847584
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.8 11.6

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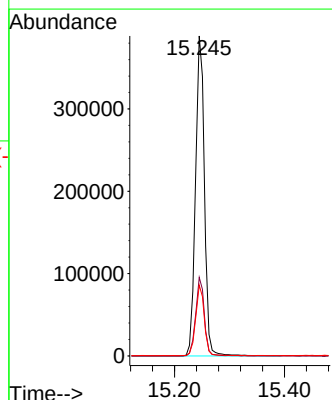
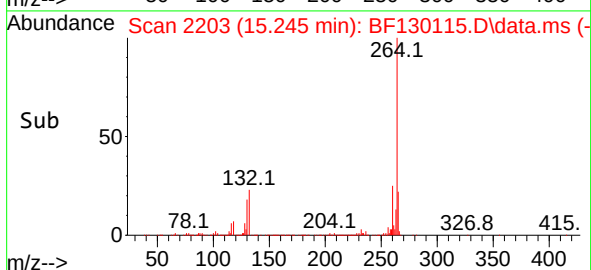
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

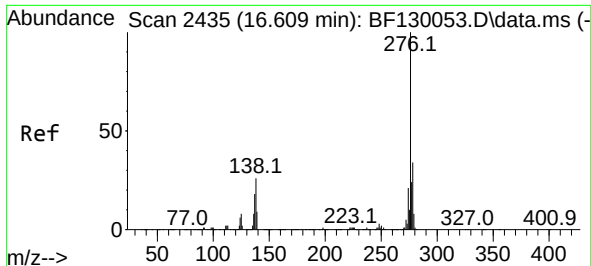


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18



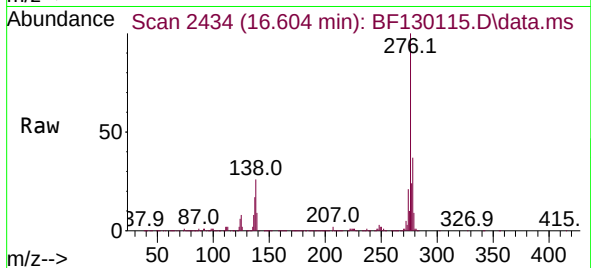
Tgt Ion:264 Resp: 439692
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.1 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.420 ng
 RT: 16.604 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MSD

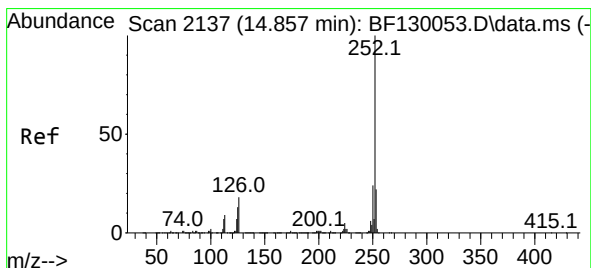
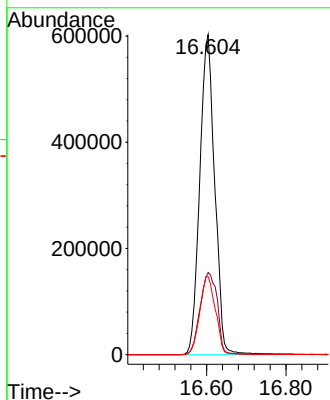
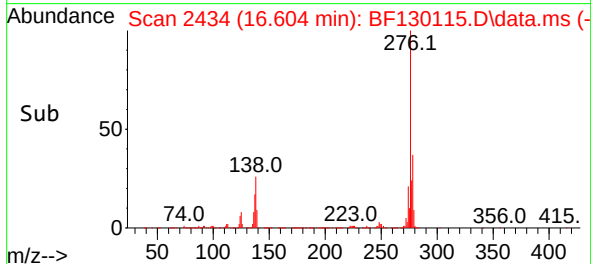


Tgt Ion: 276 Resp: 1578402

Ion	Ratio	Lower	Upper
276	100		
138	29.4	19.8	29.8
277	25.6	20.4	30.6

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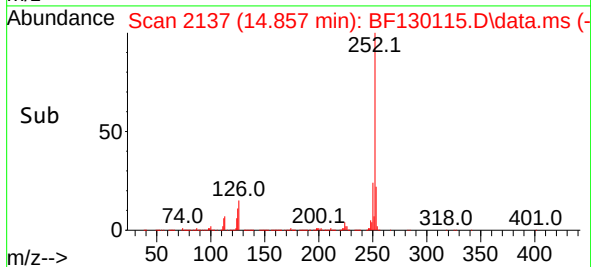
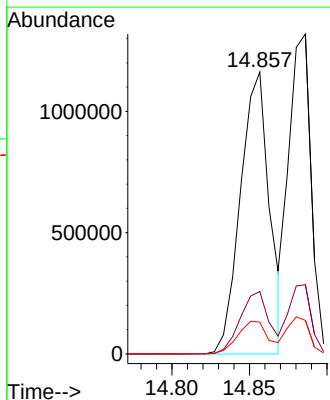
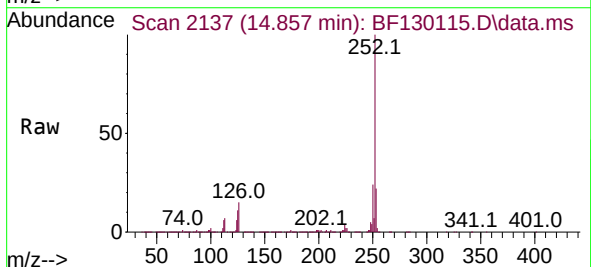
Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

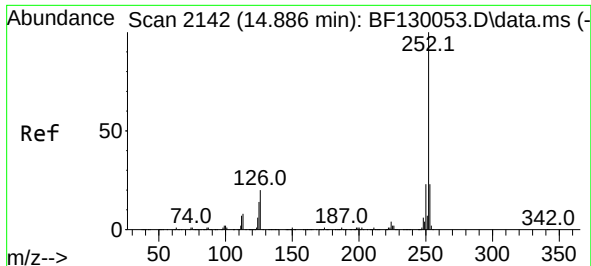


#88
 Benzo(b)fluoranthene
 Concen: 51.723 ng
 RT: 14.857 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BF130115.D
 Acq: 02 Sep 2022 17:18

Tgt Ion: 252 Resp: 1516608

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.3	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 47.178 ng

RT: 14.886 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

Instrument :

BNA_F

ClientSampleId :

MW-05MSD

Tgt Ion:252 Resp: 1337890

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

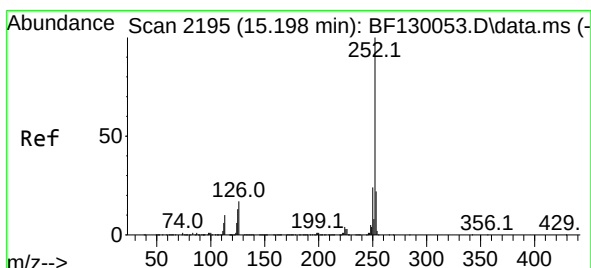
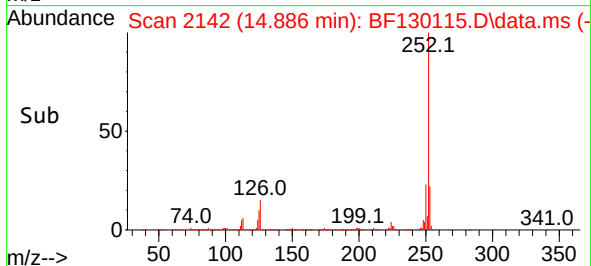
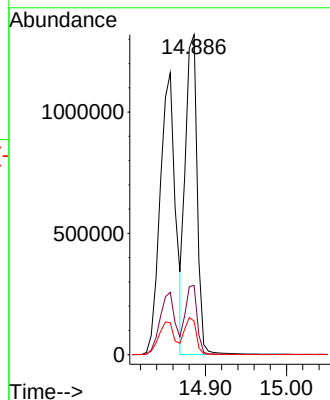
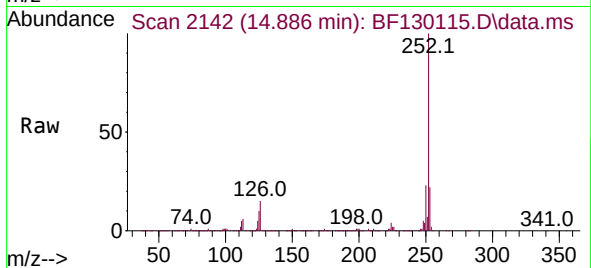
125 10.5 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#90

Benzo(a)pyrene

Concen: 53.227 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF130115.D

Acq: 02 Sep 2022 17:18

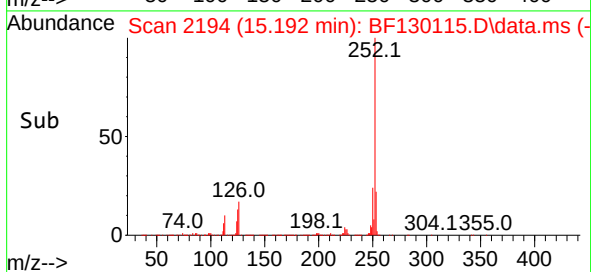
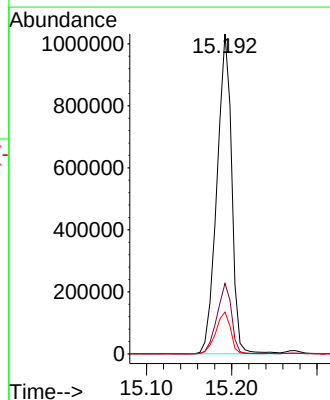
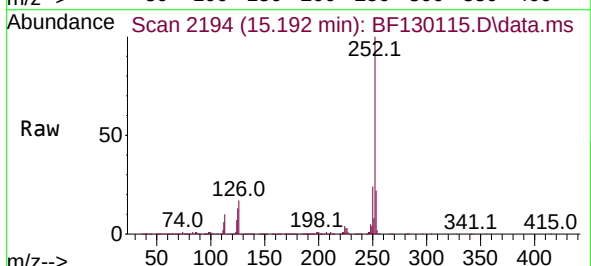
Tgt Ion:252 Resp: 1240141

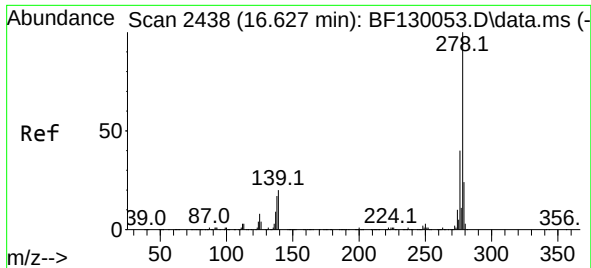
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

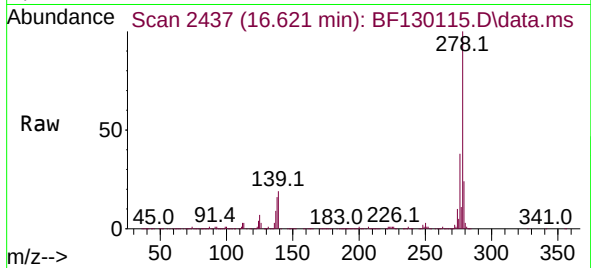
125 13.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 57.992 ng
RT: 16.621 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

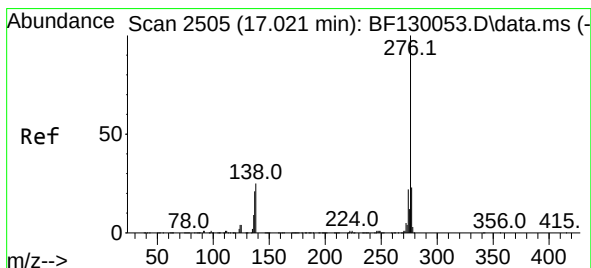
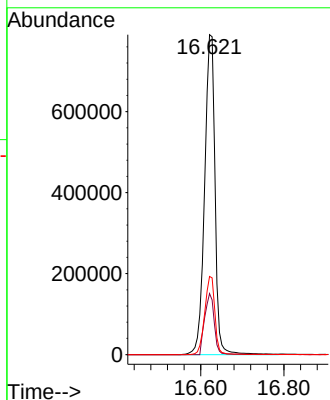
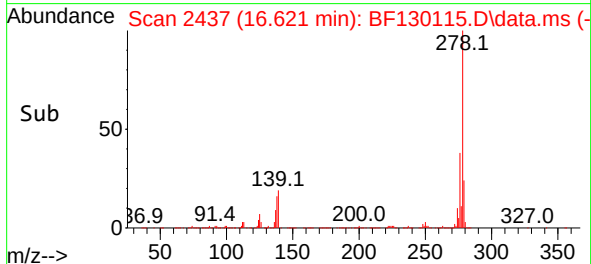
Instrument :
BNA_F
ClientSampleId :
MW-05MSD



Tgt Ion:278 Resp: 1376330
Ion Ratio Lower Upper
278 100
139 19.1 12.2 18.4
279 24.4 18.7 28.1

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



#92
Benzo(g,h,i)perylene
Concen: 58.570 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130115.D
Acq: 02 Sep 2022 17:18

Tgt Ion:276 Resp: 1390746
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.4
138 24.9 15.8 23.8

