

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130077.D
 Acq On : 01 Sep 2022 14:11
 Operator : CG\JU
 Sample : N4421-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MS

Quant Time: Sep 02 03:58:14 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	260398	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1017643	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	498543	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	793884	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	510559	20.000	ng	# 0.00
86) Perylene-d12	15.251	264	495920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1799227	117.300	ng	0.03
7) Phenol-d6	6.345	99	2084442	109.002	ng	0.00
23) Nitrobenzene-d5	7.275	82	1482253	93.607	ng	0.00
42) 2,4,6-Tribromophenol	10.527	330	619766	136.569	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	2645776	87.988	ng	0.00
79) Terphenyl-d14	12.804	244	2519742	85.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	277560m	38.720	ng	
3) Pyridine	3.304	79	637733	33.177	ng	92
4) n-Nitrosodimethylamine	3.222	42	317043	41.940	ng	80
6) Aniline	6.369	93	425409	17.744	ng	# 51
8) 2-Chlorophenol	6.486	128	787453	46.773	ng	99
9) Benzaldehyde	6.257	77	317872	27.158	ng	95
10) Phenol	6.357	94	791912	36.637	ng	# 60
11) bis(2-Chloroethyl)ether	6.445	93	751152	45.737	ng	99
12) 1,3-Dichlorobenzene	6.645	146	788266	42.237	ng	97
13) 1,4-Dichlorobenzene	6.722	146	792562	42.159	ng	96
14) 1,2-Dichlorobenzene	6.875	146	758913	44.409	ng	97
15) Benzyl Alcohol	6.851	79	603022	46.784	ng	91
16) 2,2'-oxybis(1-Chloropr...	6.986	45	956921	42.873	ng	# 52
17) 2-Methylphenol	6.963	107	610120	43.074	ng	# 87
18) Hexachloroethane	7.216	117	298443	43.963	ng	96
19) n-Nitroso-di-n-propyla...	7.128	70	494351	42.911	ng	94
20) 3+4-Methylphenols	7.116	107	687489	41.389	ng	# 73
22) Acetophenone	7.122	105	1023867	45.034	ng	# 96
24) Nitrobenzene	7.292	77	764659	45.406	ng	97
25) Isophorone	7.533	82	1442056	44.994	ng	98
26) 2-Nitrophenol	7.604	139	403133	50.743	ng	93
27) 2,4-Dimethylphenol	7.645	122	685443m	50.970	ng	
28) bis(2-Chloroethoxy)met...	7.745	93	939144	48.781	ng	98
29) 2,4-Dichlorophenol	7.845	162	633650	44.050	ng	98
30) 1,2,4-Trichlorobenzene	7.928	180	642701	42.374	ng	98
31) Naphthalene	8.010	128	2187767	42.625	ng	99
32) Benzoic acid	7.733	122	156510m	18.874	ng	
33) 4-Chloroaniline	8.057	127	285496	13.768	ng	99
34) Hexachlorobutadiene	8.128	225	362757	41.761	ng	99
35) Caprolactam	8.445	113	153880	34.520	ng	93
36) 4-Chloro-3-methylphenol	8.545	107	620614	42.636	ng	92
37) 2-Methylnaphthalene	8.698	142	1426804	43.156	ng	97
38) 1-Methylnaphthalene	8.798	142	1358992	42.289	ng	98
40) 1,2,4,5-Tetrachloroben...	8.863	216	588508	45.270	ng	99
41) Hexachlorocyclopentadiene	8.851	237	709306	104.402	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	452090	48.720	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	402935	40.062	ng	96
46) 1,1'-Biphenyl	9.163	154	1650226	45.562	ng	99
47) 2-Chloronaphthalene	9.186	162	1274471	43.916	ng	99
48) 2-Nitroaniline	9.286	65	373423	52.217	ng	90
49) Acenaphthylene	9.604	152	1929987	43.795	ng	99
50) Dimethylphthalate	9.475	163	1314670	38.716	ng	100
51) 2,6-Dinitrotoluene	9.533	165	328666	49.644	ng	# 85
52) Acenaphthene	9.774	154	1187961	42.774	ng	99
53) 3-Nitroaniline	9.698	138	220832	29.061	ng	94
54) 2,4-Dinitrophenol	9.798	184	46376	21.961	ng	# 81
55) Dibenzofuran	9.945	168	1737647	43.693	ng	99
56) 4-Nitrophenol	9.863	139	490737	83.764	ng	89
57) 2,4-Dinitrotoluene	9.933	165	418918	54.959	ng	# 80
58) Fluorene	10.286	166	1261662	41.695	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	300807	38.507	ng	# 78
60) Diethylphthalate	10.169	149	1386176	42.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.280	204	570790	42.671	ng	98
62) 4-Nitroaniline	10.316	138	355610	48.118	ng	92
63) Azobenzene	10.439	77	1312590	40.582	ng	96
65) 4,6-Dinitro-2-methylph...	10.333	198	53360	18.549	ng	93
66) n-Nitrosodiphenylamine	10.404	169	1166519	43.955	ng	99
67) 4-Bromophenyl-phenylether	10.769	248	394432	44.667	ng	99
68) Hexachlorobenzene	10.827	284	426443	44.320	ng	96
69) Atrazine	10.933	200	362284	48.253	ng	98
70) Pentachlorophenol	11.021	266	289382	53.784	ng	96
71) Phenanthrene	11.245	178	1806004	41.948	ng	99
72) Anthracene	11.298	178	1841415	43.508	ng	99
73) Carbazole	11.451	167	1769757	45.345	ng	100
74) Di-n-butylphthalate	11.792	149	2075655	44.104	ng	100
75) Fluoranthene	12.427	202	1863397	43.646	ng	96
77) Benzidine	12.557	184	668392	48.488	ng	99
78) Pyrene	12.657	202	1859350	40.602	ng	98
80) Butylbenzylphthalate	13.286	149	866777	47.586	ng	98
81) Benzo(a)anthracene	13.839	228	1487349	42.509	ng	98
82) 3,3'-Dichlorobenzidine	13.810	252	356927	32.712	ng	98
83) Chrysene	13.880	228	1477443	42.829	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1041800	46.014	ng	100
85) Di-n-octyl phthalate	14.457	149	1887448	52.775	ng	98
87) Indeno(1,2,3-cd)pyrene	16.603	276	1441404	44.062	ng	# 95
88) Benzo(b)fluoranthene	14.857	252	1498546	45.313	ng	98
89) Benzo(k)fluoranthene	14.886	252	1385230	43.309	ng	97
90) Benzo(a)pyrene	15.198	252	1234668	46.983	ng	98
91) Dibenzo(a,h)anthracene	16.627	278	1234038	46.101	ng	# 95
92) Benzo(g,h,i)perylene	17.015	276	1250062	46.676	ng	# 92

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

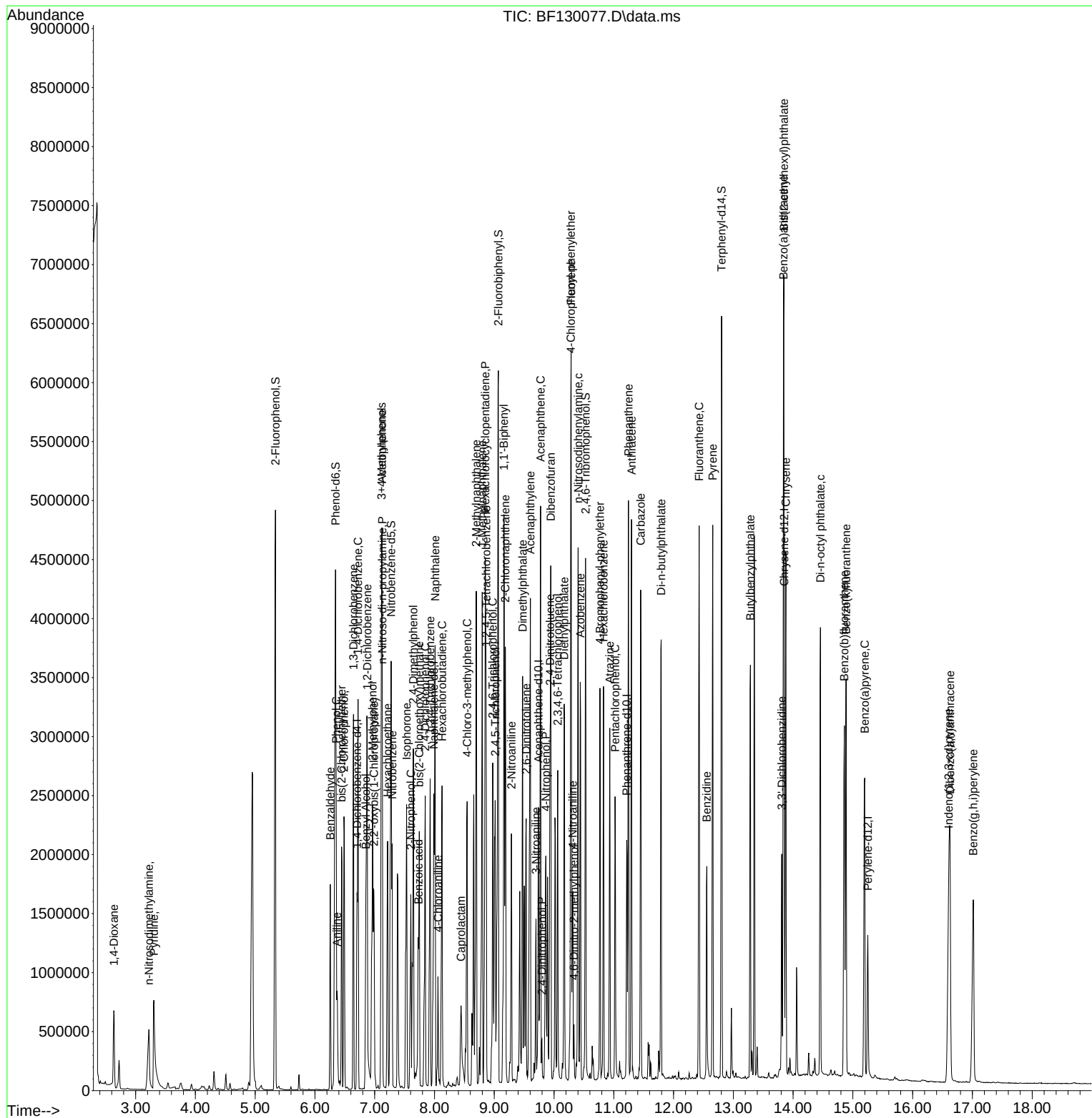
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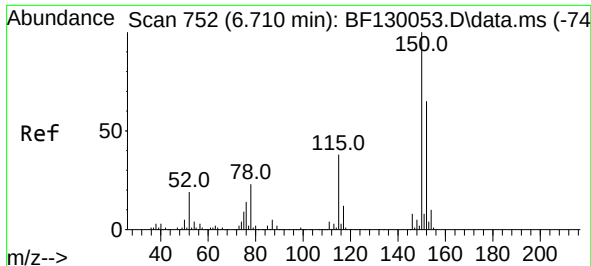
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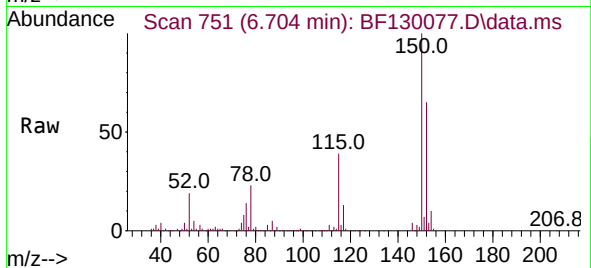
Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130077.D
 Acq: 01 Sep 2022 14:11

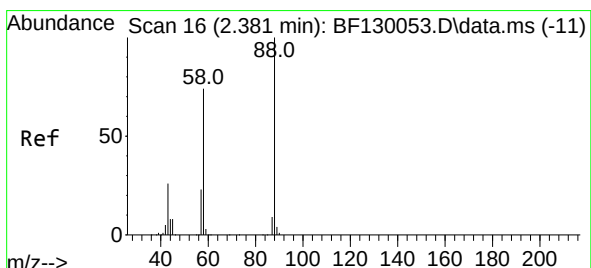
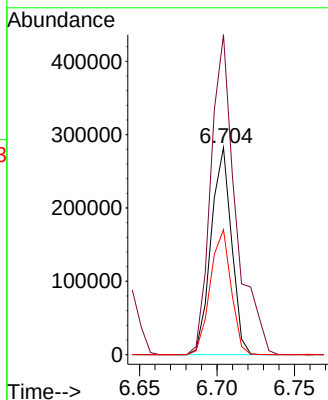
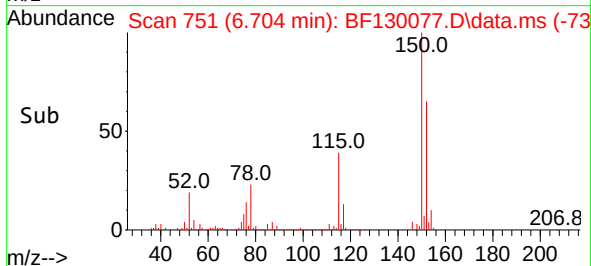
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MS



Tgt Ion: 152 Resp: 260398
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.9 190.3
 115 60.3 53.4 80.0

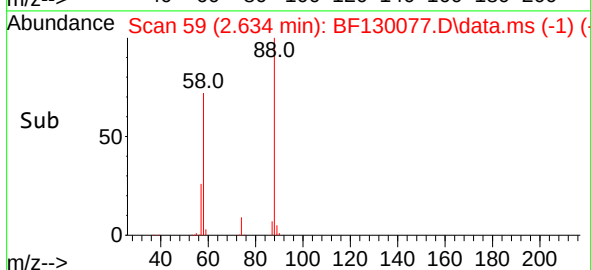
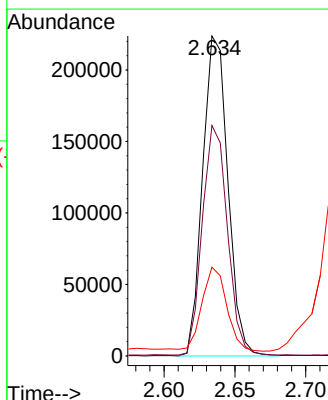
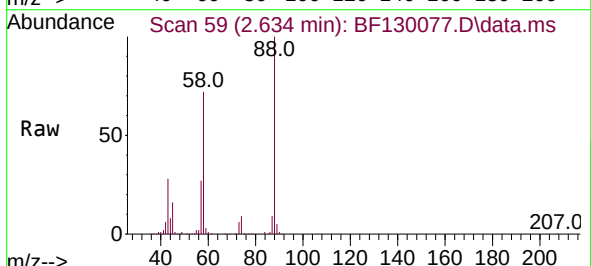
Manual Integrations
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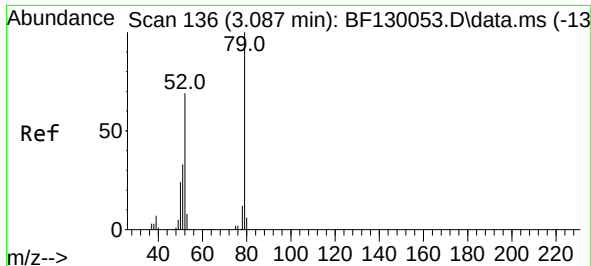
Reviewed By :Christian Giraldo 09/02/2022
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#2
 1,4-Dioxane
 Concen: 38.720 ng m
 RT: 2.634 min Scan# 59
 Delta R.T. 0.253 min
 Lab File: BF130077.D
 Acq: 01 Sep 2022 14:11

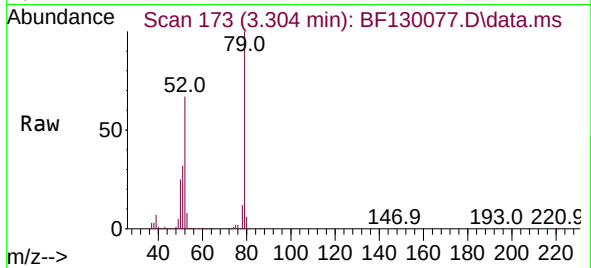
Tgt Ion: 88 Resp: 277560
 Ion Ratio Lower Upper
 88 100
 58 70.8 60.9 91.3
 43 0.0 23.6 35.4#





#3
Pyridine
Concen: 33.177 ng
RT: 3.304 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

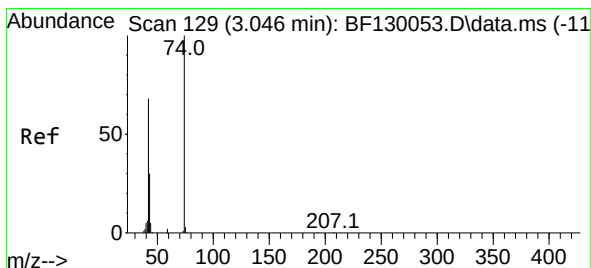
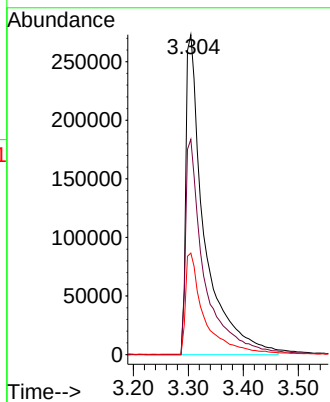
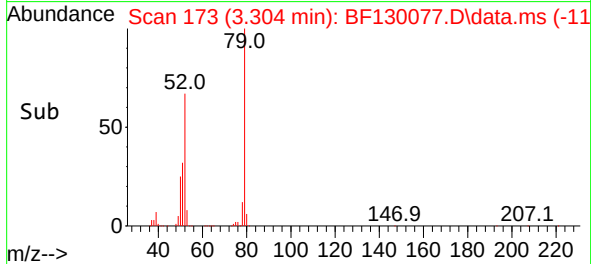
Instrument :
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ClientSampleId :
WC-PALM-SP-01MS



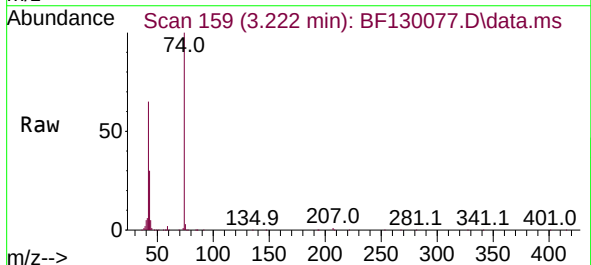
Tgt Ion: 79 Resp: 63773
Ion Ratio Lower Upper
79 100
52 67.3 59.4 89.2
51 31.7 29.5 44.3

Manual Integrations
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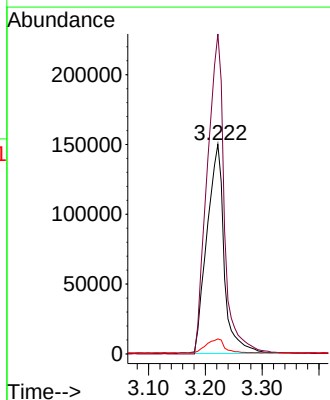
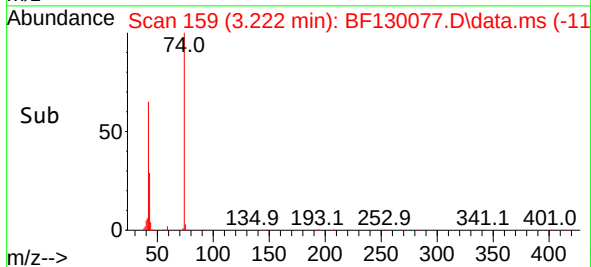
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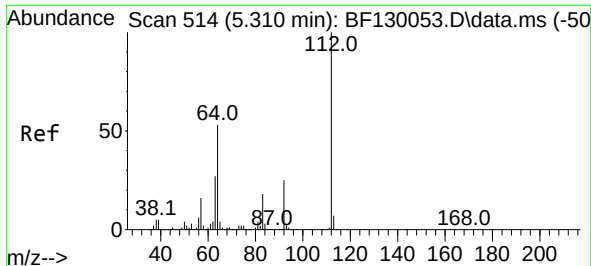


#4
n-Nitrosodimethylamine
Concen: 41.940 ng
RT: 3.222 min Scan# 159
Delta R.T. 0.176 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



Tgt Ion: 42 Resp: 317043
Ion Ratio Lower Upper
42 100
74 152.8 103.1 154.7
44 7.1 5.4 8.2





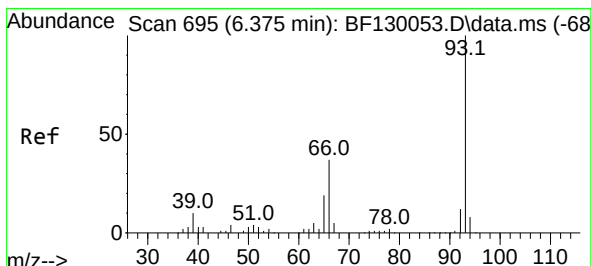
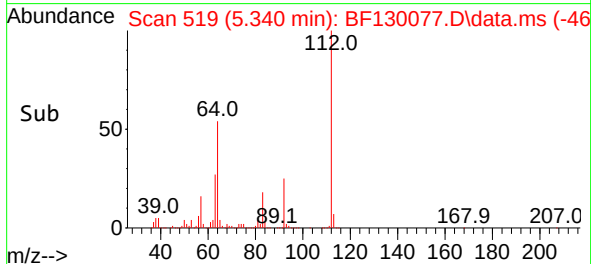
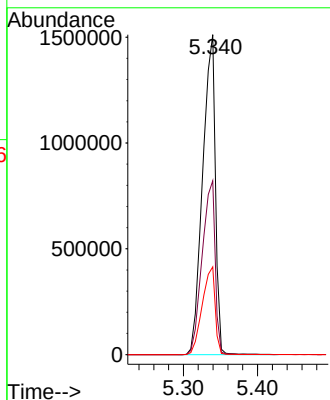
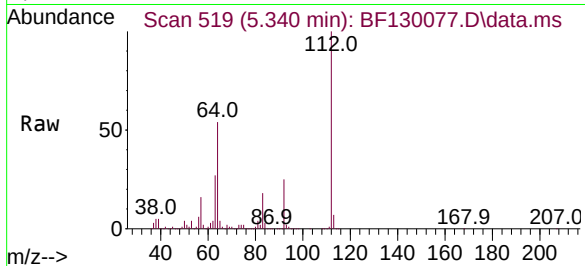
#5
2-Fluorophenol
Concen: 117.300 ng
RT: 5.340 min Scan# 514
Delta R.T. 0.029 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS

Tgt Ion:112 Resp: 1799227
Ion Ratio Lower Upper
112 100
64 54.3 47.6 71.4
63 27.4 24.6 37.0

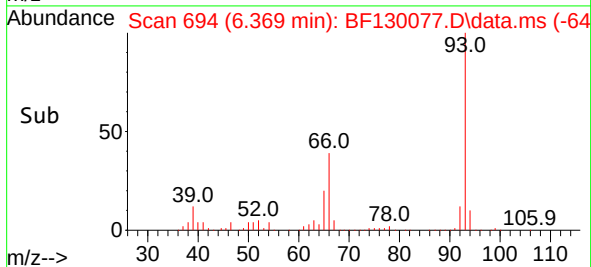
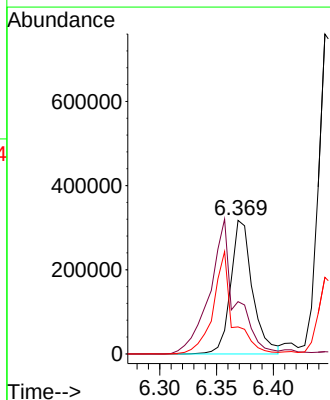
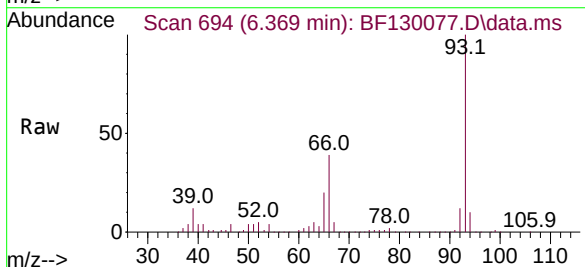
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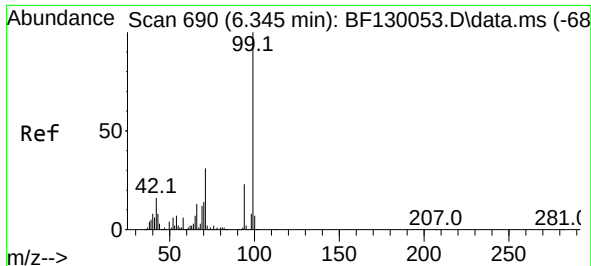
Reviewed By :Christian Giraldo 09/02/2022
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#6
Aniline
Concen: 17.744 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

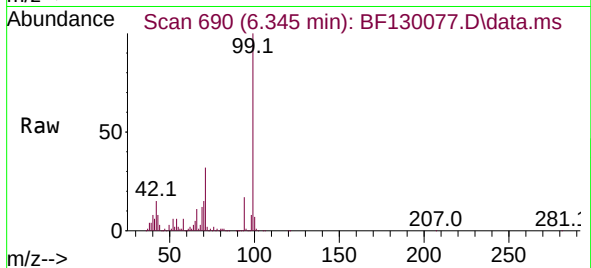
Tgt Ion: 93 Resp: 425409
Ion Ratio Lower Upper
93 100
66 39.1 68.7 103.1#
65 20.2 41.6 62.4#





#7
Phenol-d6
Concen: 109.002 ng
RT: 6.345 min Scan# 690
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

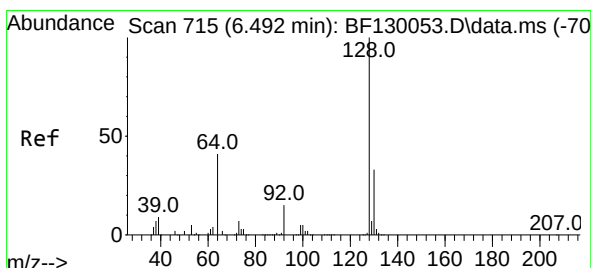
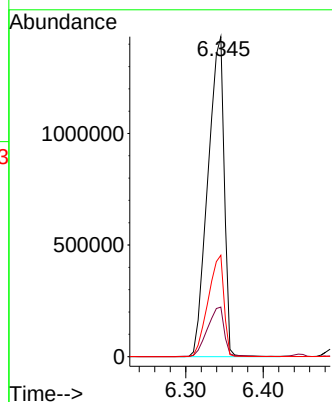
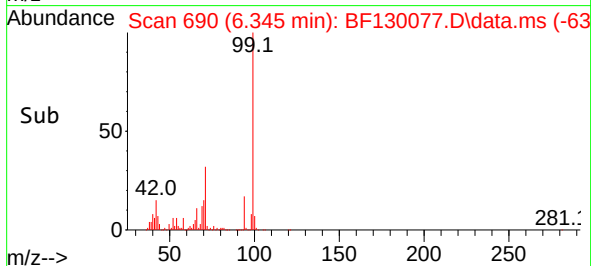
Instrument :
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Tgt Ion: 99 Resp: 208444
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 31.7 28.8 43.2

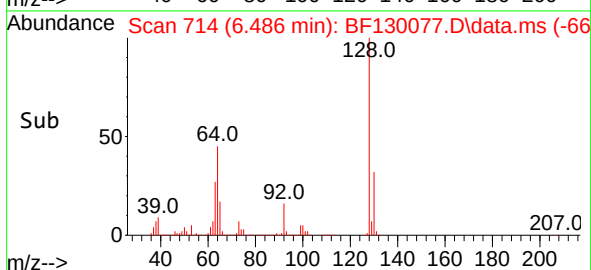
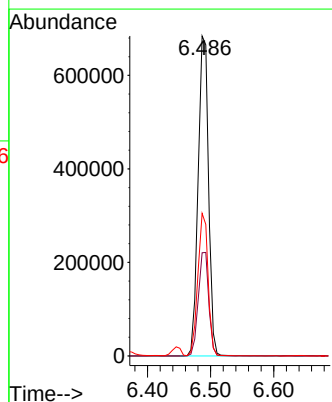
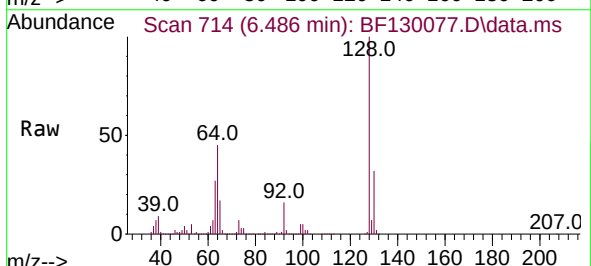
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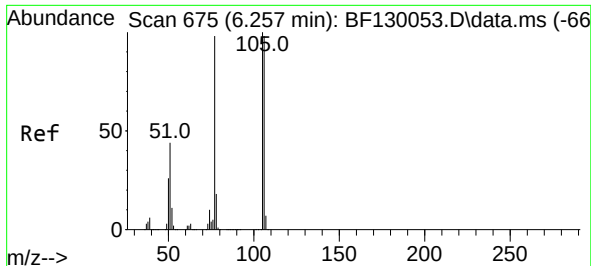
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#8
2-Chlorophenol
Concen: 46.773 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

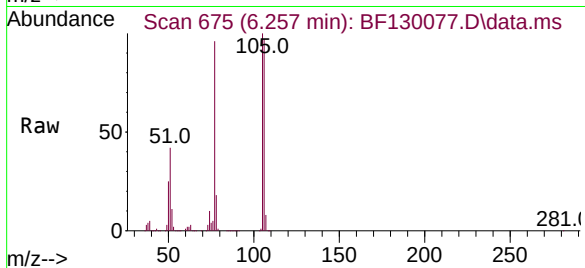
Tgt Ion:128 Resp: 787453
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 44.5 24.9 64.9





#9
Benzaldehyde
Concen: 27.158 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130077.D
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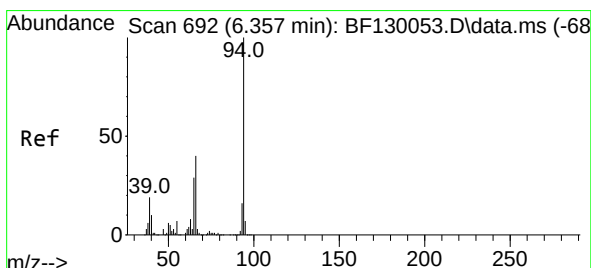
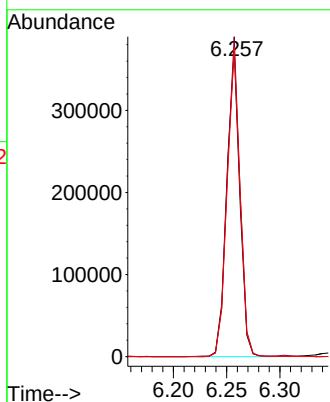
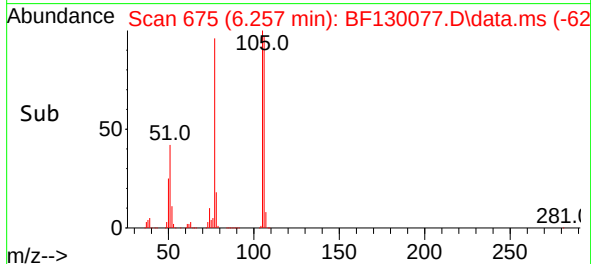
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Tgt Ion: 77 Resp: 317872
Ion Ratio Lower Upper
77 100
105 104.1 80.3 120.3
106 100.7 74.3 114.3

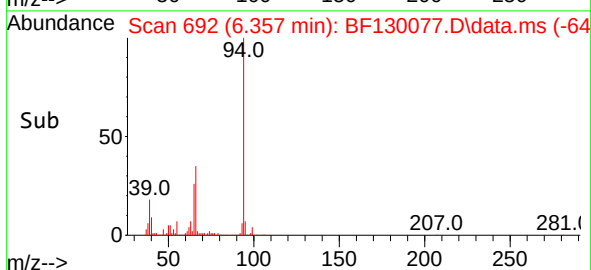
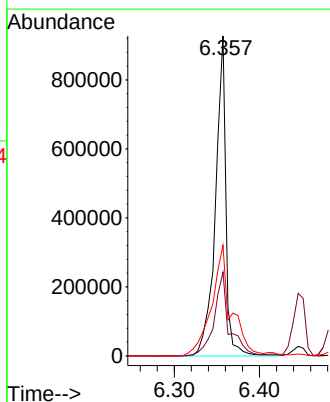
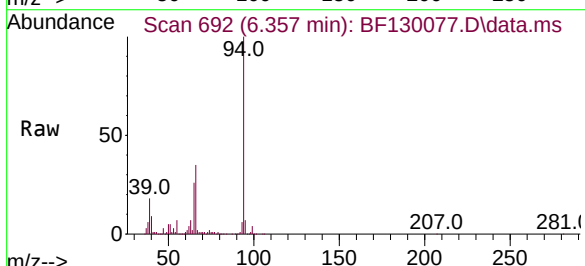
Manual Integrations
APPROVED

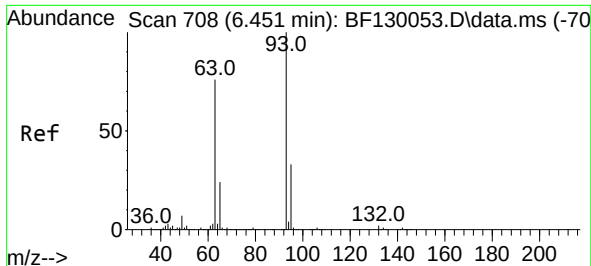
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#10
Phenol
Concen: 36.637 ng
RT: 6.357 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Tgt Ion: 94 Resp: 791912
Ion Ratio Lower Upper
94 100
65 26.2 24.9 64.9
66 34.5 54.2 94.2#





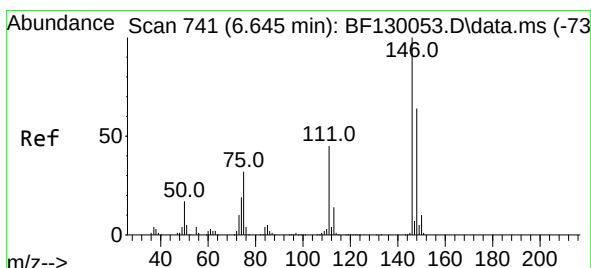
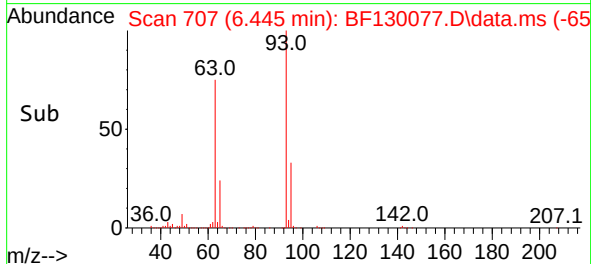
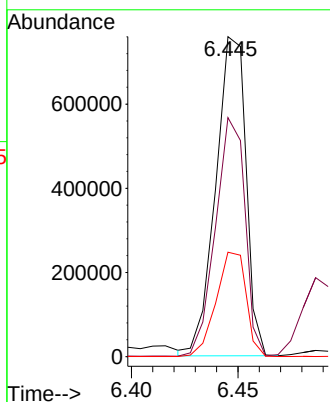
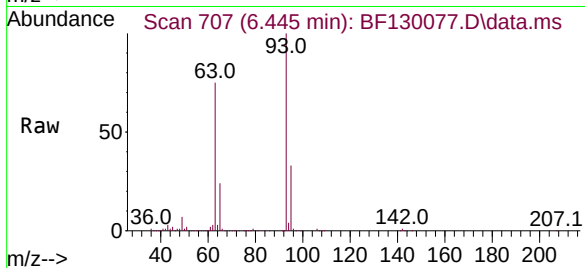
#11
bis(2-Chloroethyl)ether
Concen: 45.737 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS

Tgt Ion: 93 Resp: 751152
Ion Ratio Lower Upper
93 100
63 74.7 55.9 95.9
95 32.6 12.3 52.3

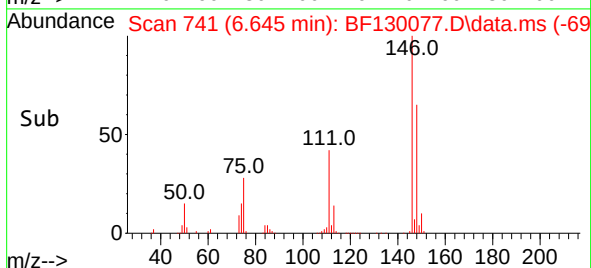
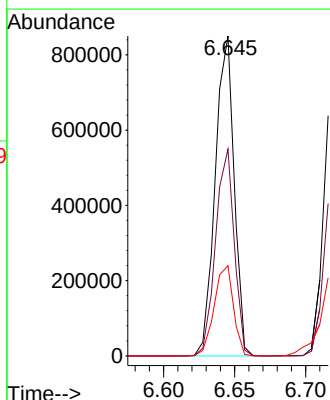
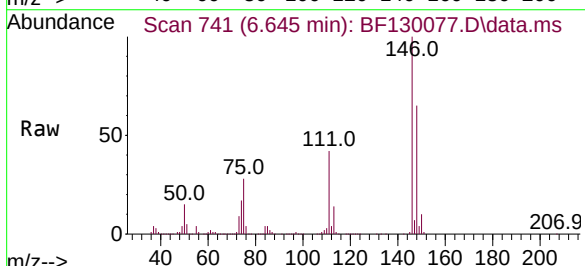
Manual Integrations
APPROVED

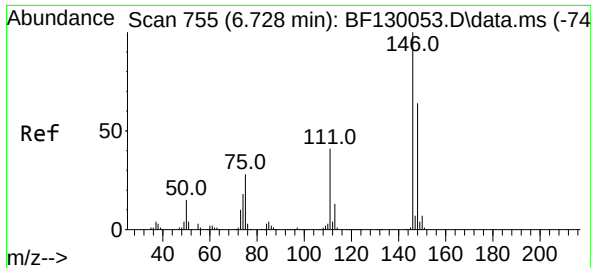
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#12
1,3-Dichlorobenzene
Concen: 42.237 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

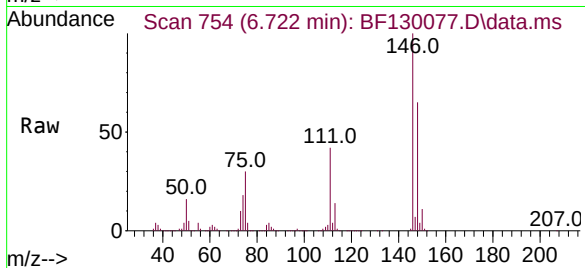
Tgt Ion:146 Resp: 788266
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 28.2 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 42.159 ng
RT: 6.722 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

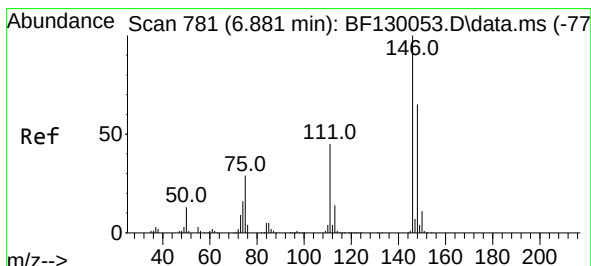
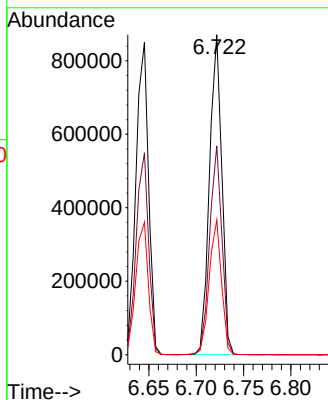
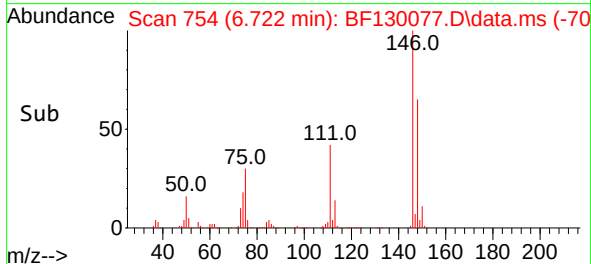
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



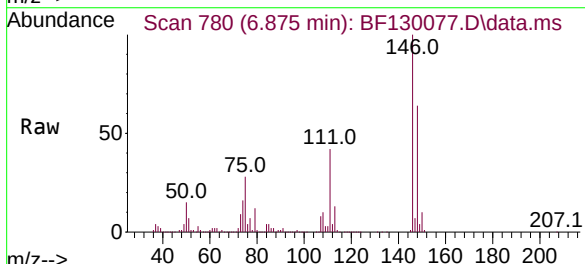
Tgt Ion:146 Resp: 792562
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
111 42.1 36.2 54.4

Manual Integrations
APPROVED

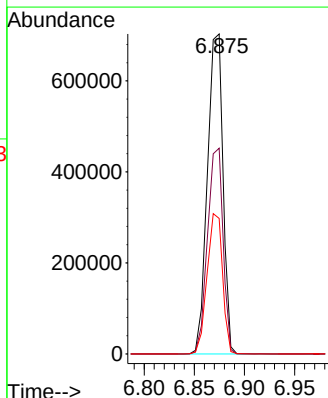
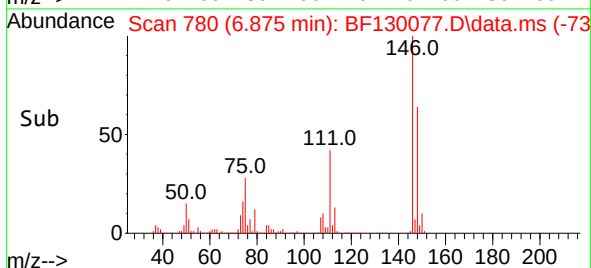
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

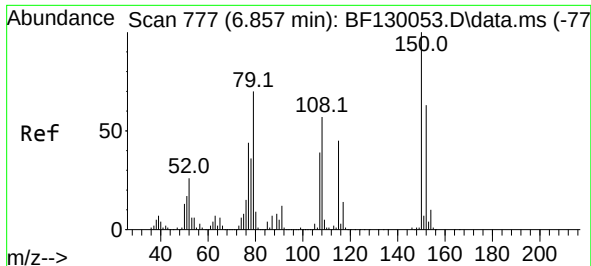


#14
1,2-Dichlorobenzene
Concen: 44.409 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



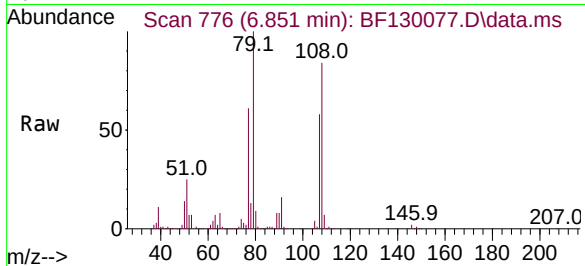
Tgt Ion:146 Resp: 758913
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 42.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.784 ng
RT: 6.851 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

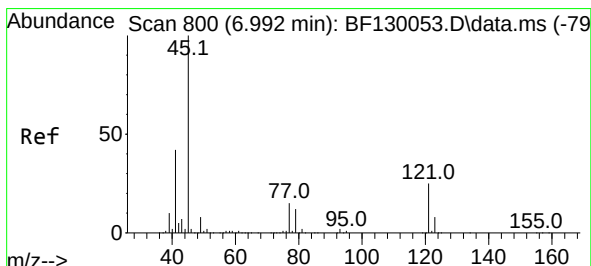
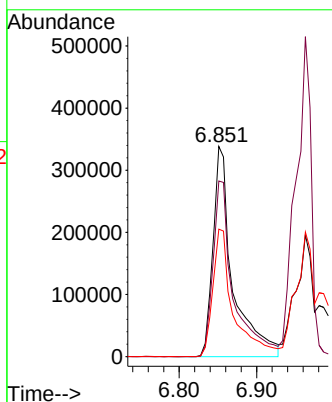
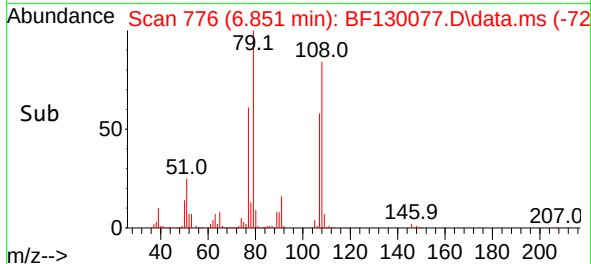
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



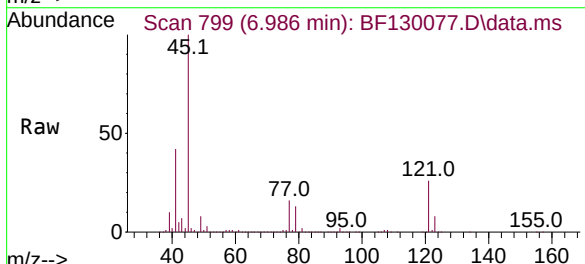
Tgt Ion: 79 Resp: 603021
Ion Ratio Lower Upper
79 100
108 83.5 59.2 88.8
77 60.6 51.9 77.9

Manual Integrations
APPROVED

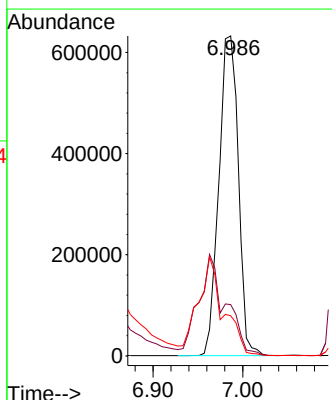
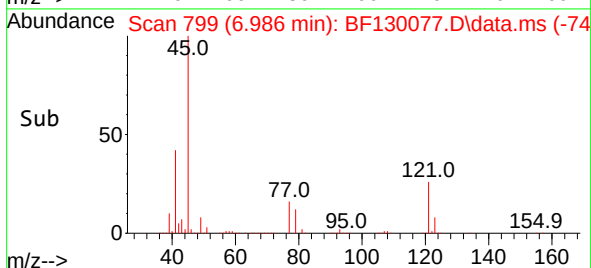
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

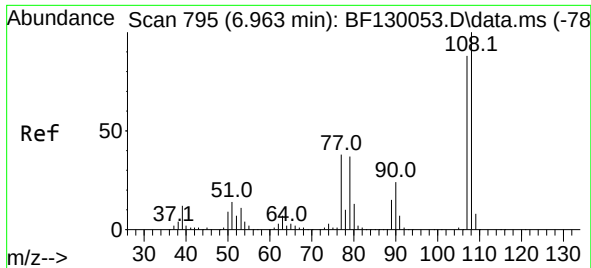


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.873 ng
RT: 6.986 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



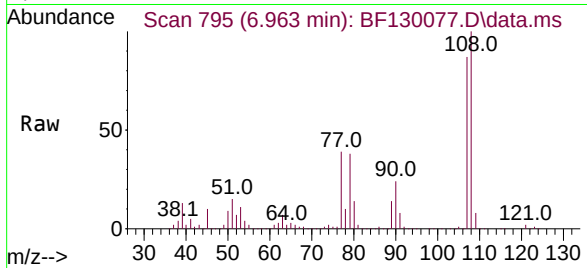
Tgt Ion: 45 Resp: 956921
Ion Ratio Lower Upper
45 100
77 16.0 27.4 67.4#
79 12.5 24.4 64.4#





#17
2-Methylphenol
Concen: 43.074 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

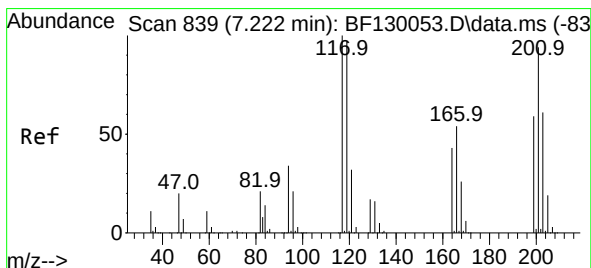
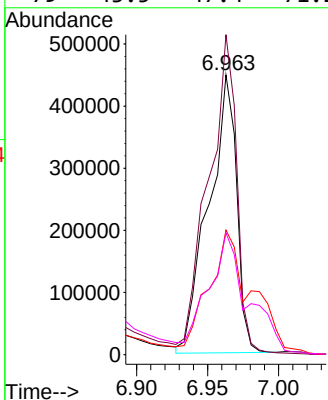
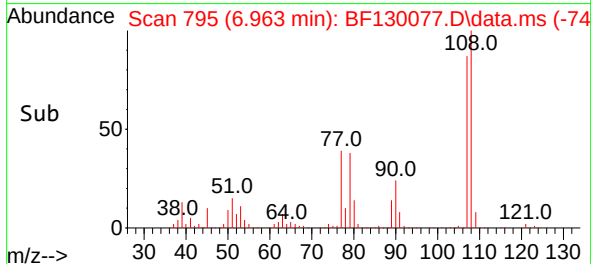
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:107 Resp: 610120
Ion Ratio Lower Upper
107 100
108 114.5 90.2 135.2
77 44.6 51.8 77.8
79 43.5 47.4 71.2#

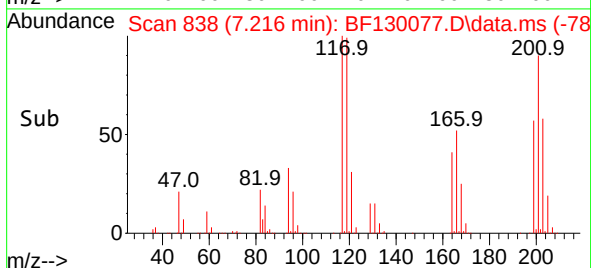
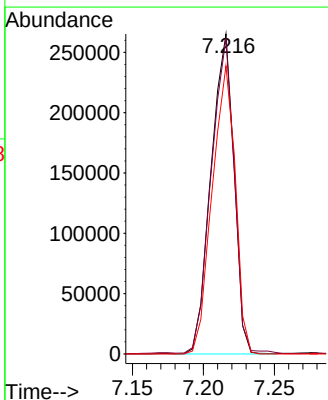
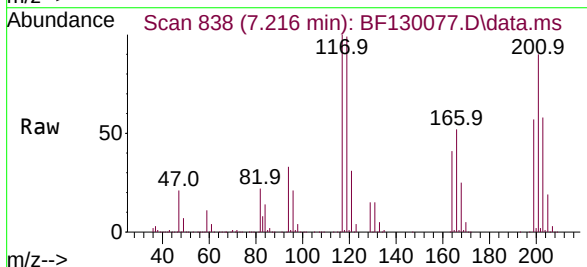
Manual Integrations
APPROVED

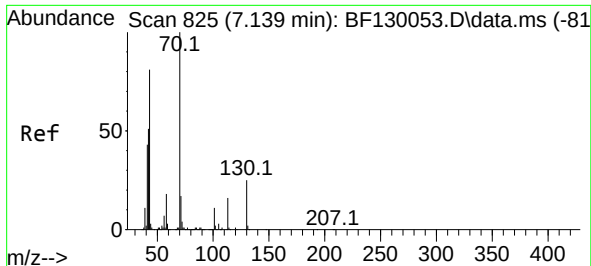
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#18
Hexachloroethane
Concen: 43.963 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

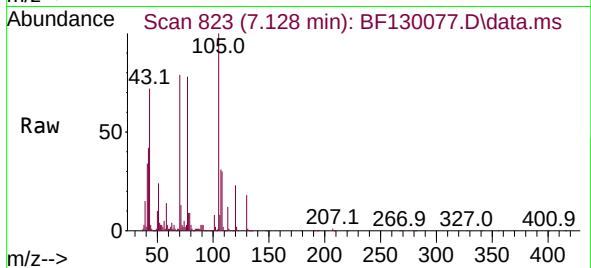
Tgt Ion:117 Resp: 298443
Ion Ratio Lower Upper
117 100
119 98.6 79.1 118.7
201 90.0 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.911 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

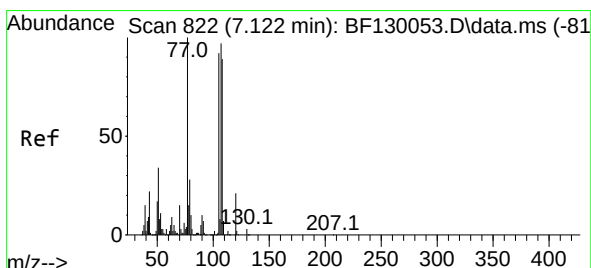
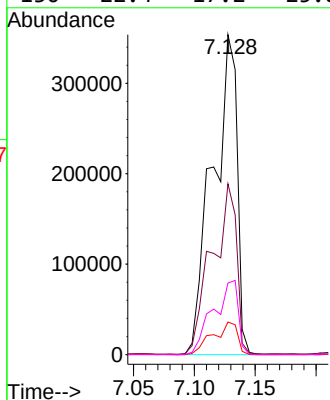
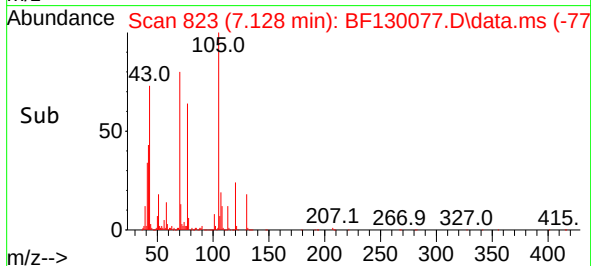
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion: 70 Resp: 49435
Ion Ratio Lower Upper
70 100
42 53.4 47.6 71.4
101 10.2 8.1 12.1
130 22.4 17.2 25.8

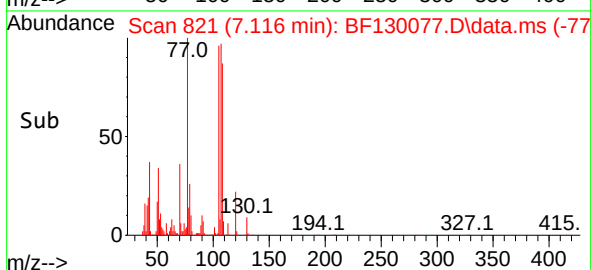
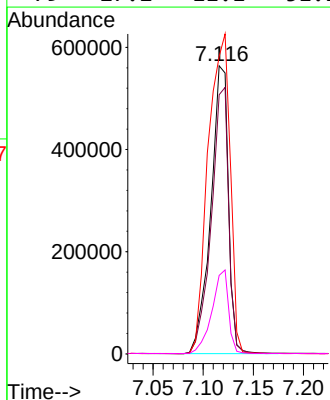
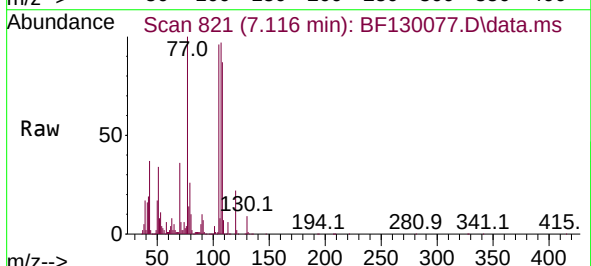
Manual Integrations
APPROVED

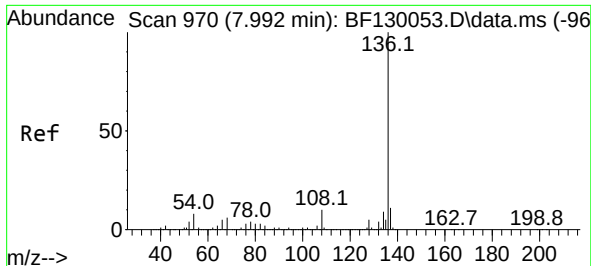
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#20
3+4-Methylphenols
Concen: 41.389 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

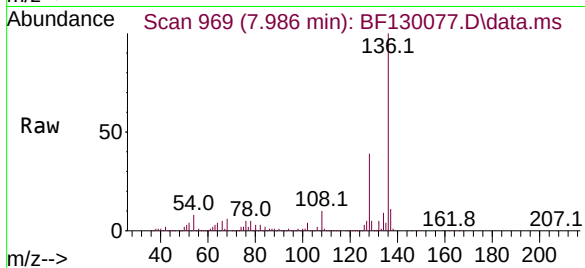
Tgt Ion:107 Resp: 687489
Ion Ratio Lower Upper
107 100
108 89.9 71.3 111.3
77 103.2 20.4 60.4#
79 27.2 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

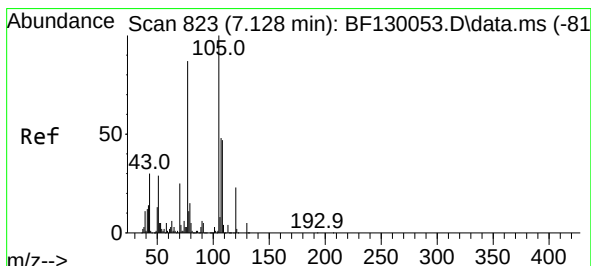
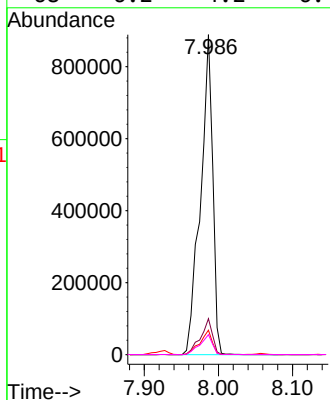
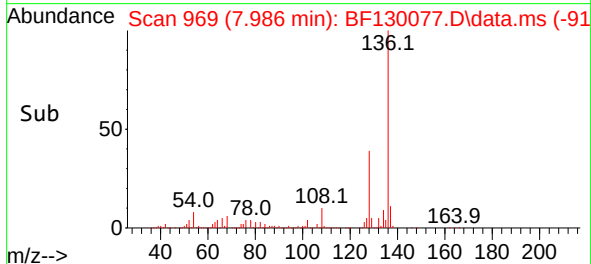
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:136 Resp: 1017643
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 6.2 9.2
68 6.2 4.2 6.4

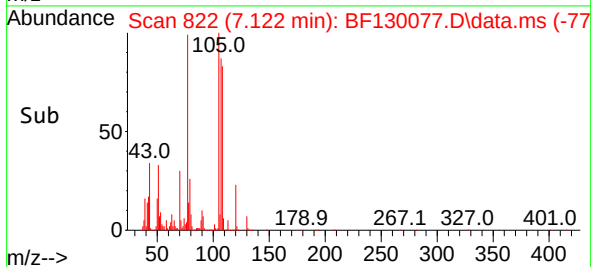
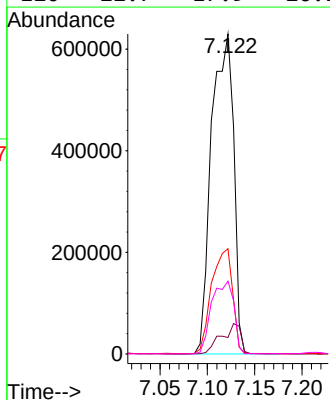
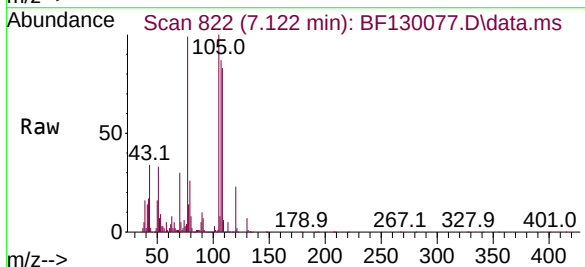
Manual Integrations
APPROVED

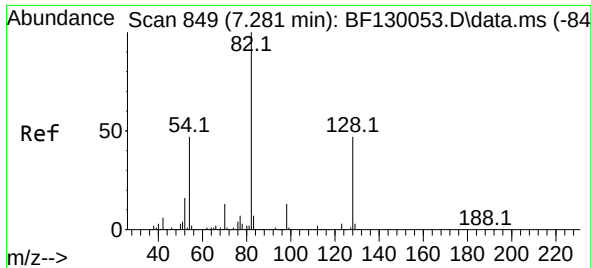
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#22
Acetophenone
Concen: 45.034 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

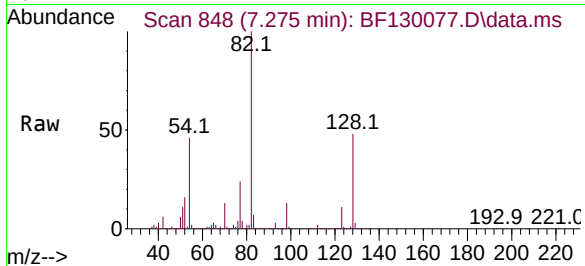
Tgt Ion:105 Resp: 1023867
Ion Ratio Lower Upper
105 100
71 5.1 6.6 9.8#
51 32.9 23.8 35.8
120 22.7 17.9 26.9





#23
Nitrobenzene-d5
Concen: 93.607 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

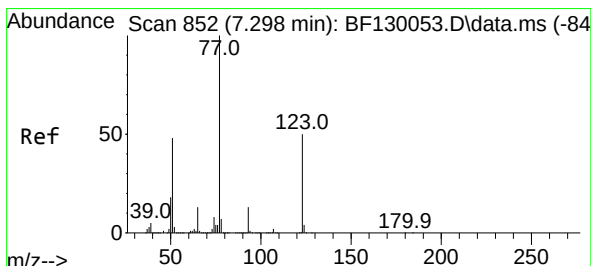
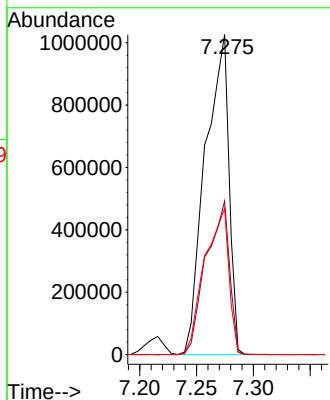
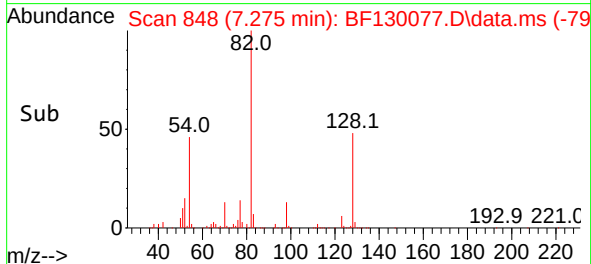
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion: 82 Resp: 1482253
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 45.7 40.0 60.0

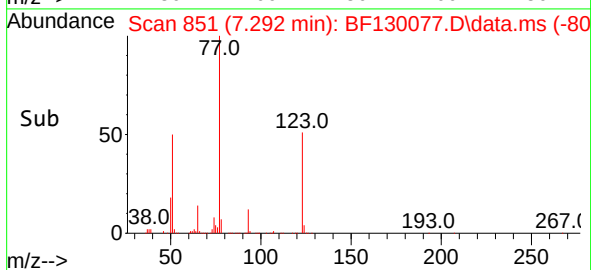
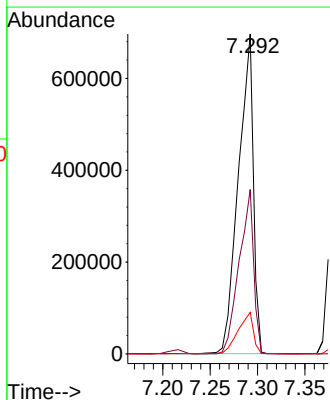
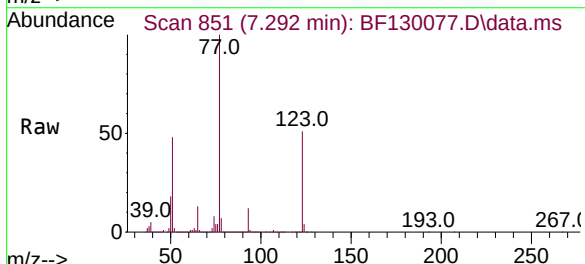
Manual Integrations
APPROVED

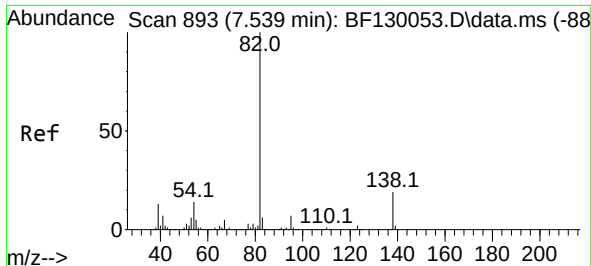
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#24
Nitrobenzene
Concen: 45.406 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

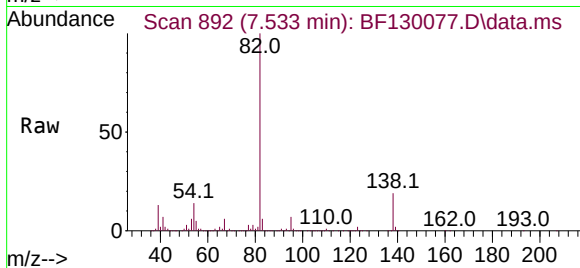
Tgt Ion: 77 Resp: 764659
Ion Ratio Lower Upper
77 100
123 51.4 39.2 58.8
65 13.0 11.1 16.7





#25
Isophorone
Concen: 44.994 ng
RT: 7.533 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

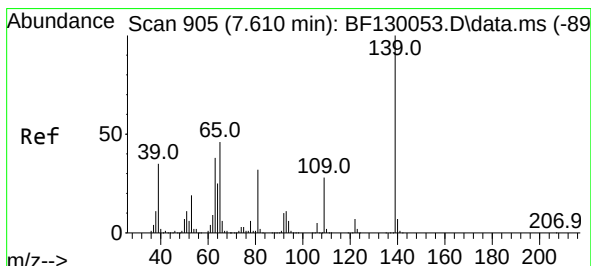
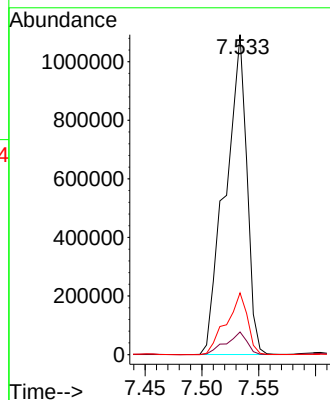
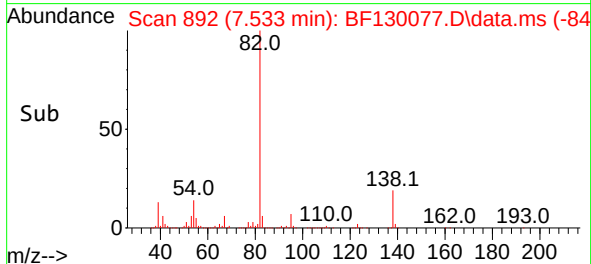
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



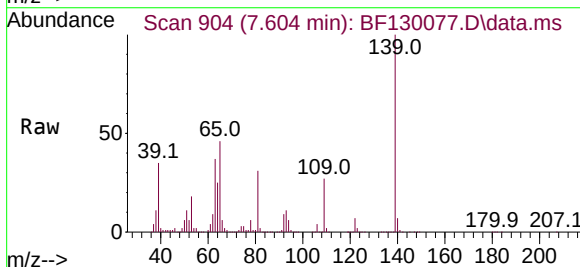
Tgt Ion: 82 Resp: 1442056
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 19.3 14.6 21.8

Manual Integrations
APPROVED

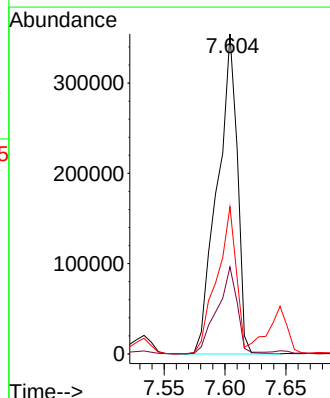
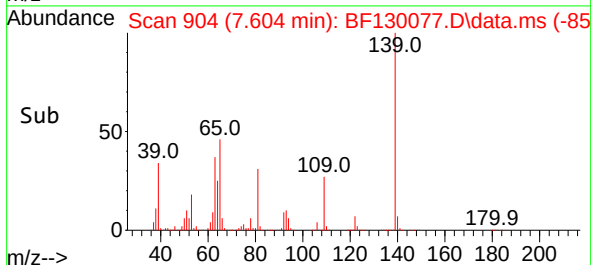
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

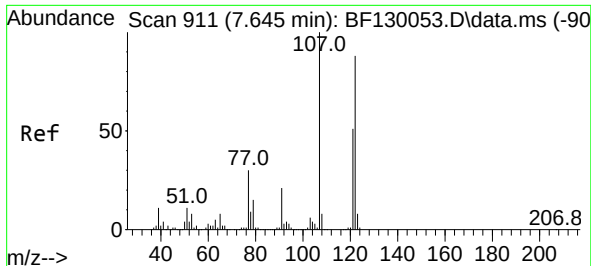


#26
2-Nitrophenol
Concen: 50.743 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



Tgt Ion:139 Resp: 403133
Ion Ratio Lower Upper
139 100
109 27.2 24.4 36.6
65 46.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 50.970 ng m

RT: 7.645 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF130077.D

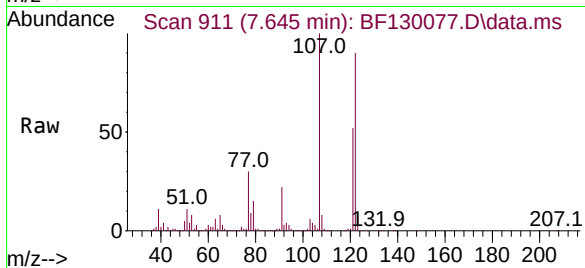
Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS



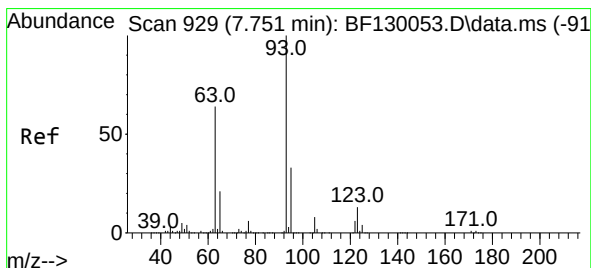
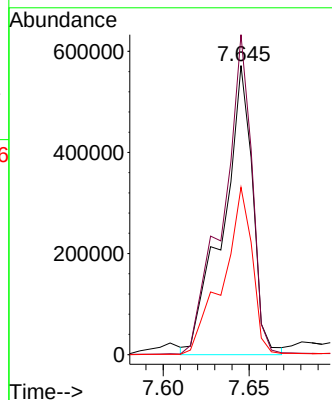
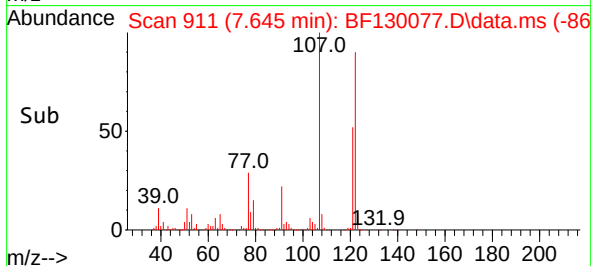
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	92.2	138.4
121	57.9	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.781 ng

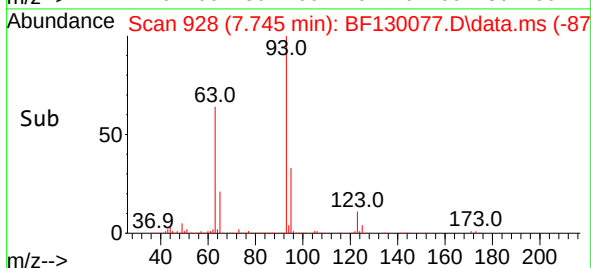
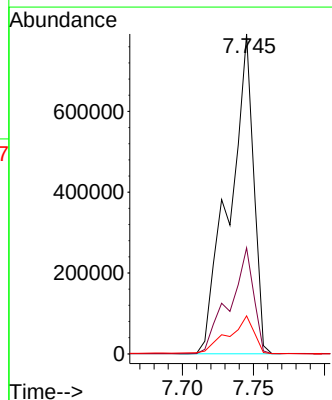
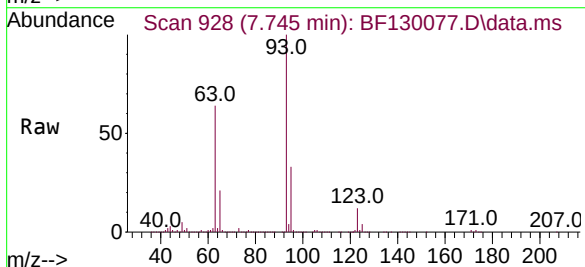
RT: 7.745 min Scan# 928

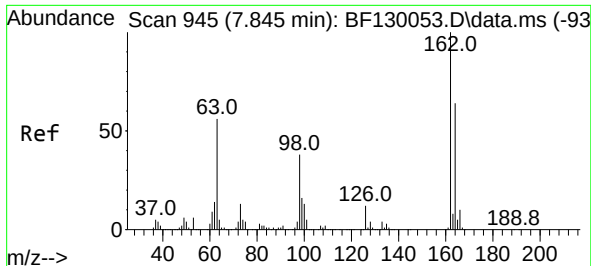
Delta R.T. -0.006 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.6	38.4
123	11.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 44.050 ng

RT: 7.845 min Scan# 945

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

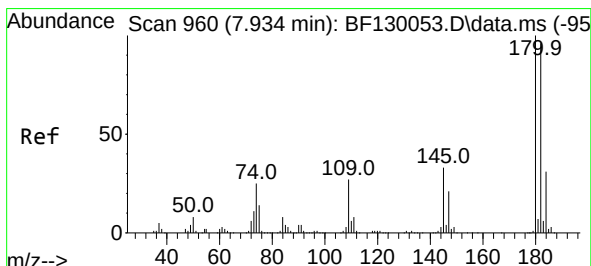
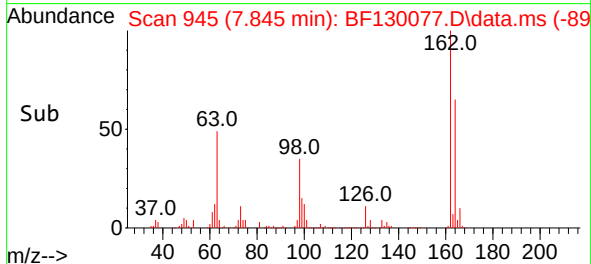
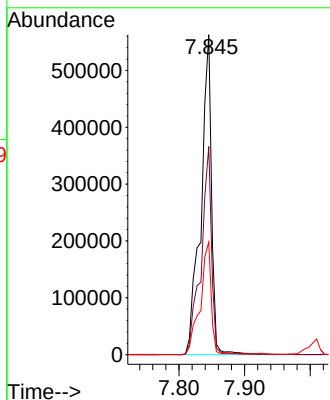
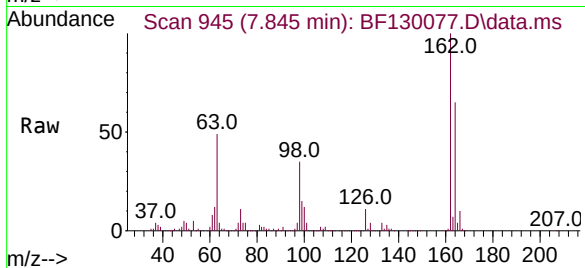
WC-PALM-SP-01MS

Tgt Ion:162 Resp: 633650
 Ion Ratio Lower Upper
 162 100
 164 65.0 43.7 83.7
 98 35.2 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.374 ng

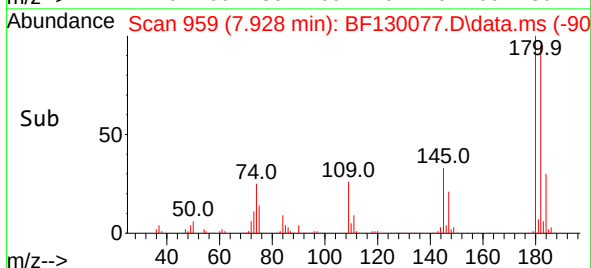
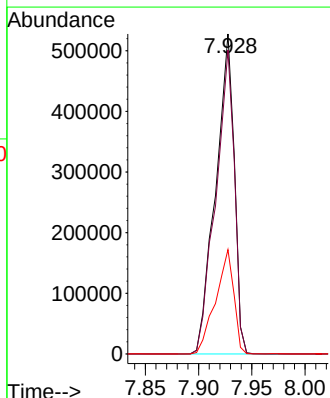
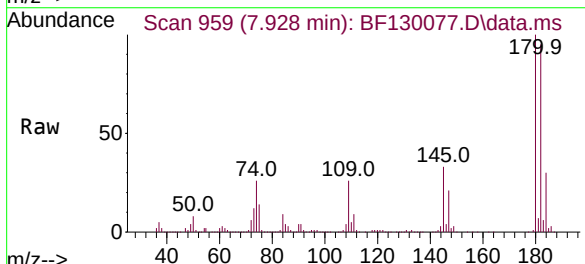
RT: 7.928 min Scan# 959

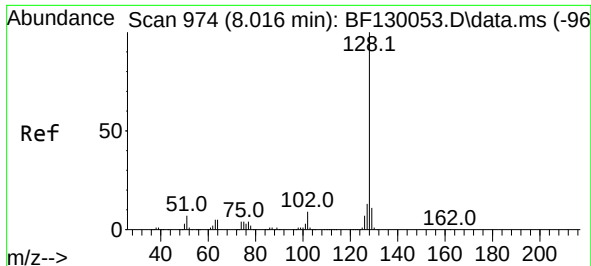
Delta R.T. -0.006 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

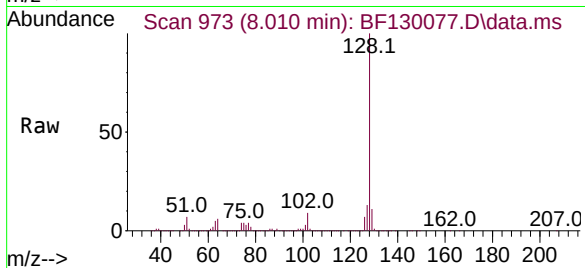
Tgt Ion:180 Resp: 642701
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.6 116.4
 145 32.6 25.6 38.4





#31
Naphthalene
Concen: 42.625 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

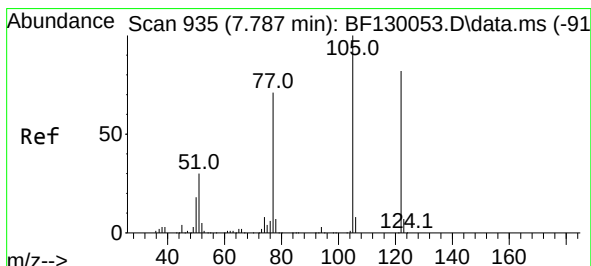
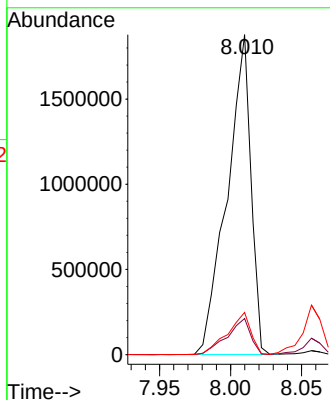
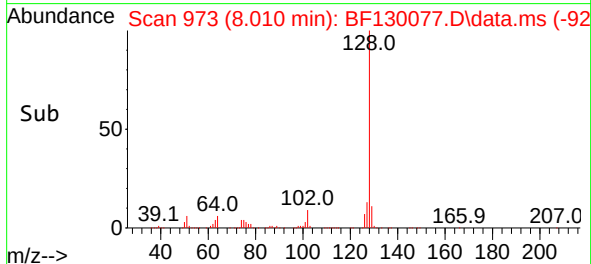
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:128 Resp: 218776
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.7 16.1

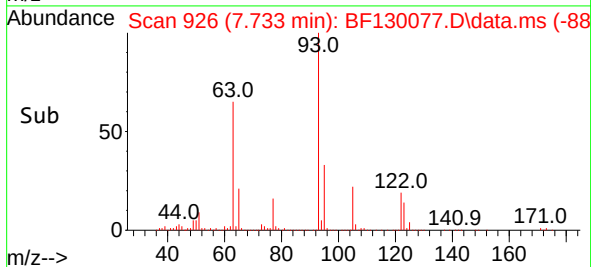
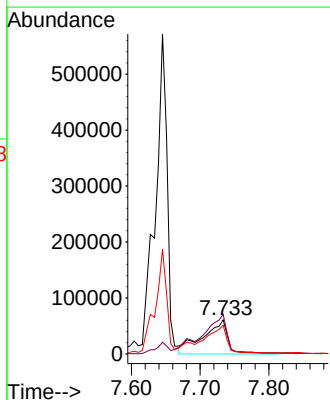
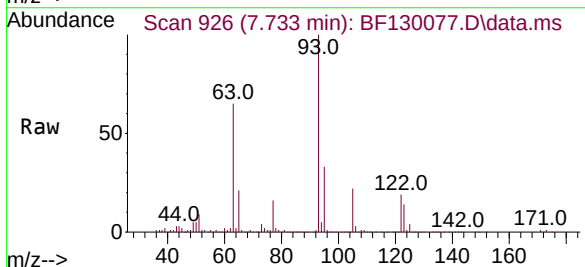
Manual Integrations
APPROVED

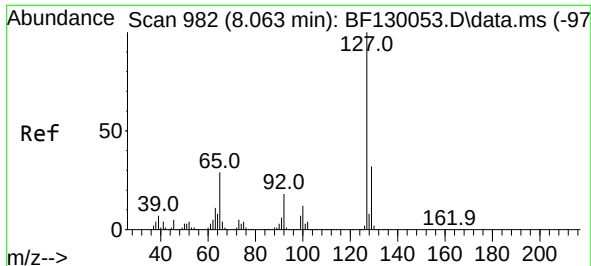
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#32
Benzoic acid
Concen: 18.874 ng m
RT: 7.733 min Scan# 926
Delta R.T. -0.054 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

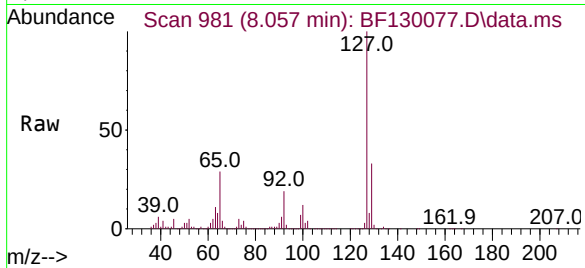
Tgt Ion:122 Resp: 156510
Ion Ratio Lower Upper
122 100
105 116.6 99.9 139.9
77 84.1 65.9 105.9





#33
4-Chloroaniline
Concen: 13.768 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

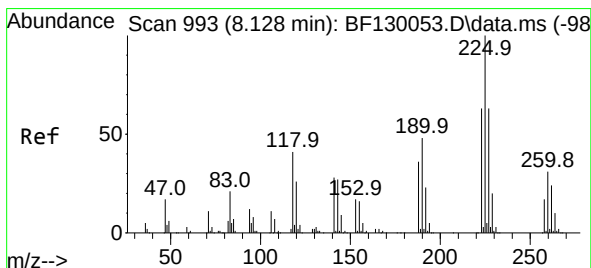
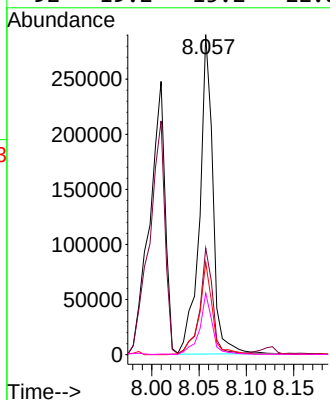
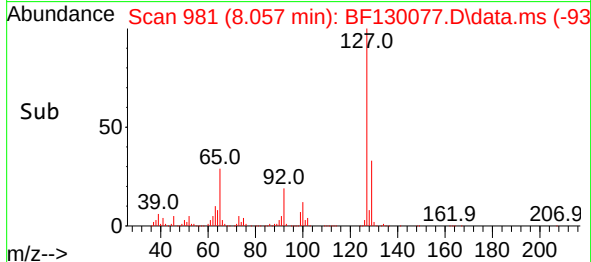
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:127 Resp: 285496
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1
65 28.8 24.2 36.2
92 19.2 15.2 22.8

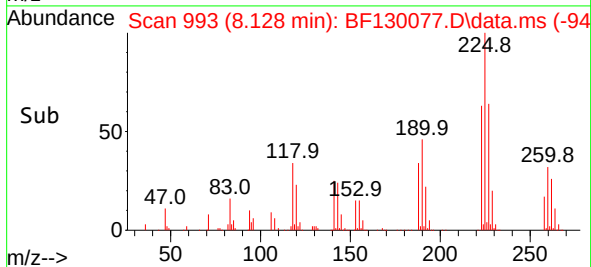
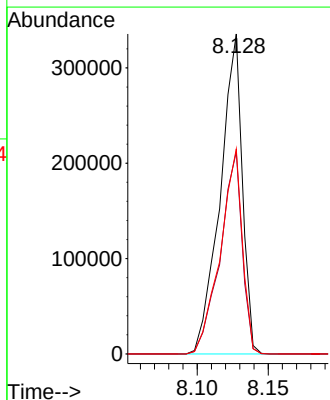
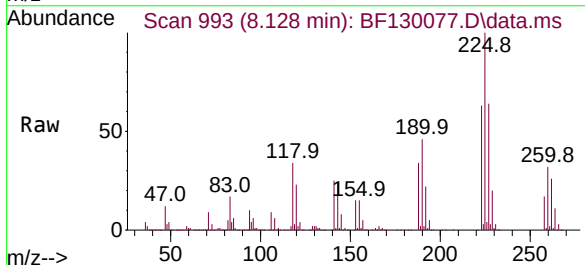
Manual Integrations
APPROVED

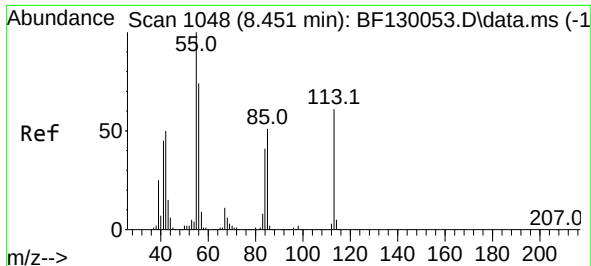
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#34
Hexachlorobutadiene
Concen: 41.761 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

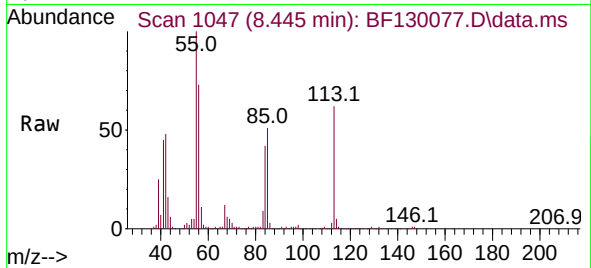
Tgt Ion:225 Resp: 362757
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.2
227 64.0 50.6 75.8





#35
Caprolactam
Concen: 34.520 ng
RT: 8.445 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

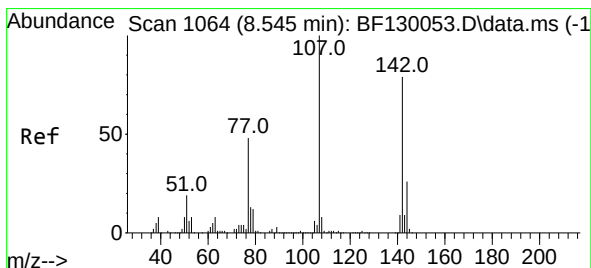
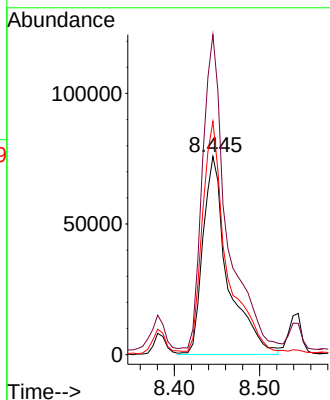
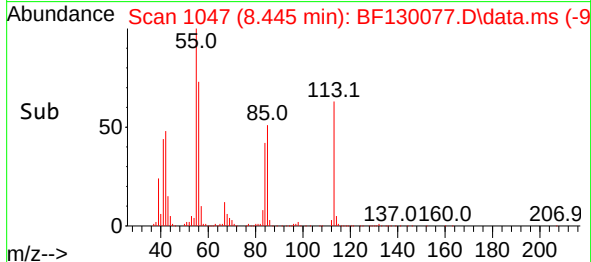
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:113 Resp: 153880
Ion Ratio Lower Upper
113 100
55 161.4 148.8 188.8
56 117.6 109.1 149.1

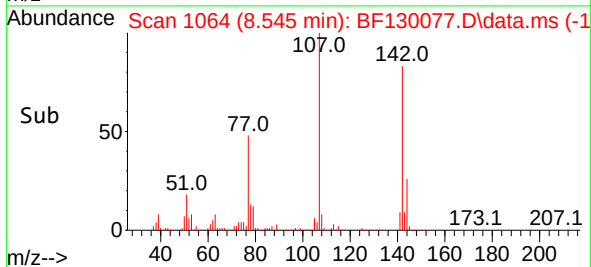
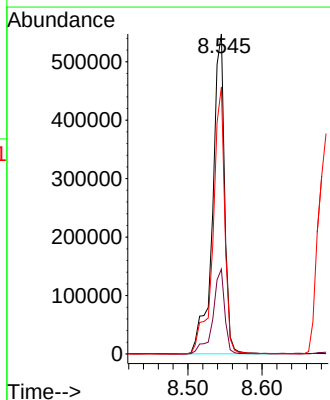
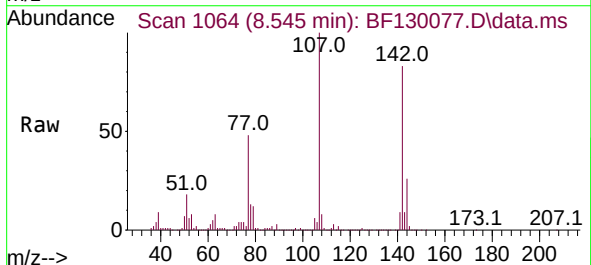
Manual Integrations
APPROVED

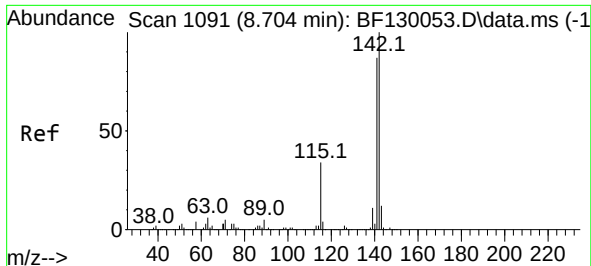
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#36
4-Chloro-3-methylphenol
Concen: 42.636 ng
RT: 8.545 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Tgt Ion:107 Resp: 620614
Ion Ratio Lower Upper
107 100
144 26.5 19.9 29.9
142 83.4 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.156 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS

Tgt Ion:142 Resp: 1426804

Ion Ratio Lower Upper

142 100

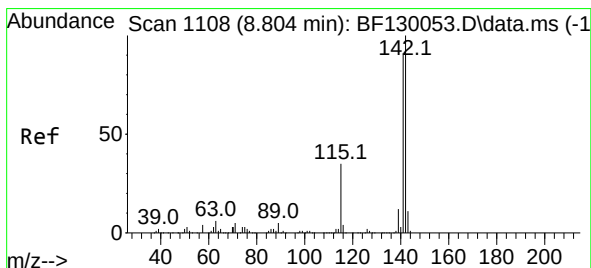
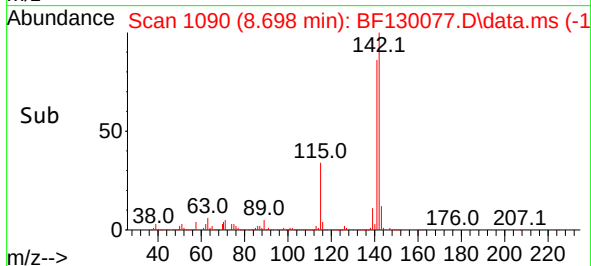
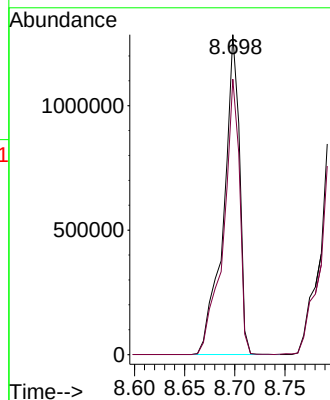
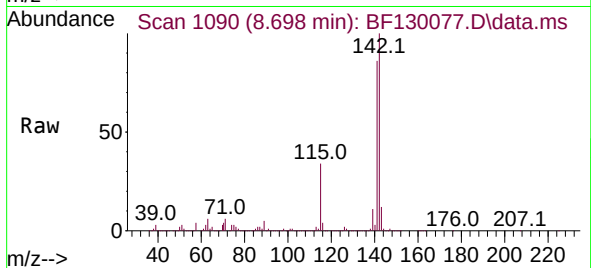
141 86.1 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#38

1-Methylnaphthalene

Concen: 42.289 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130077.D

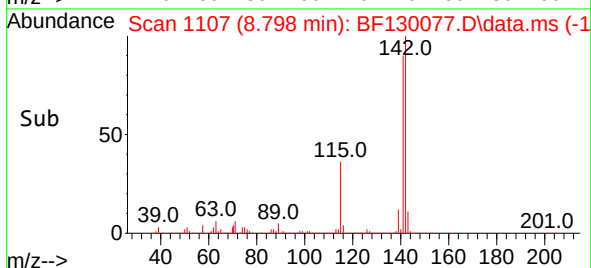
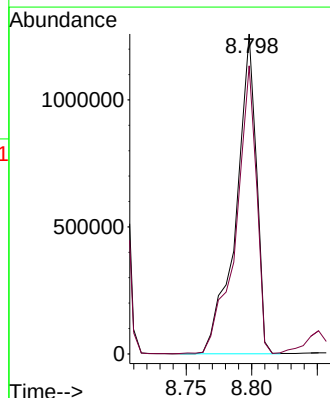
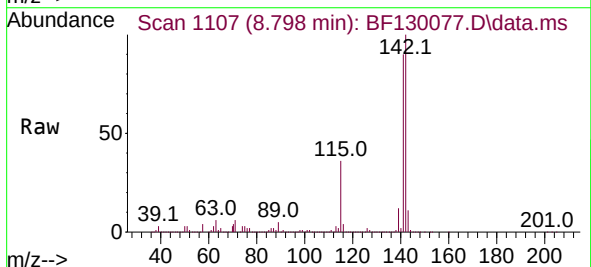
Acq: 01 Sep 2022 14:11

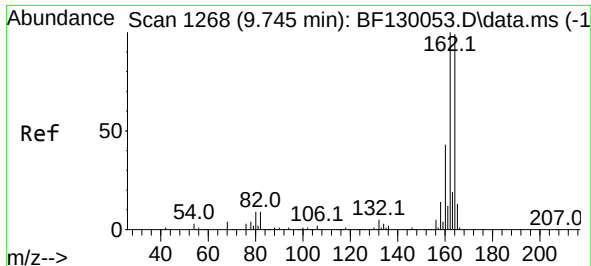
Tgt Ion:142 Resp: 1358992

Ion Ratio Lower Upper

142 100

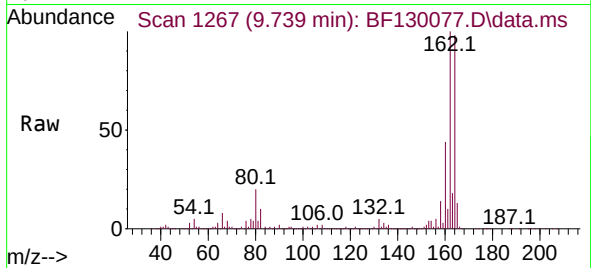
141 90.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

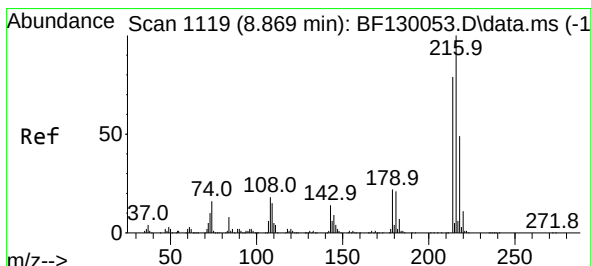
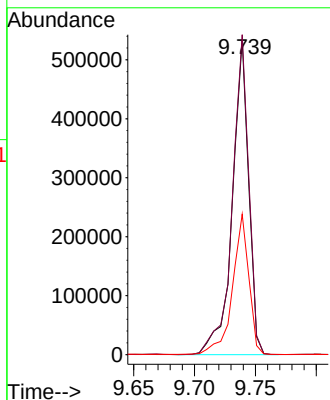
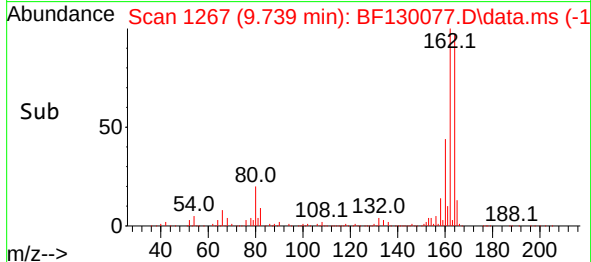
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:164 Resp: 498543
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 44.6 35.4 53.0

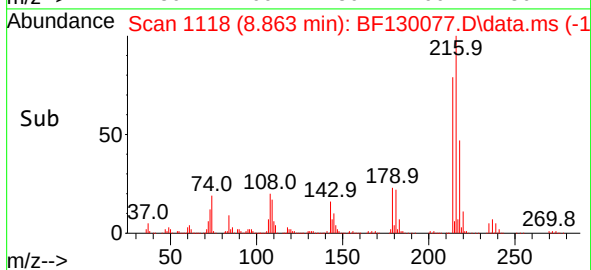
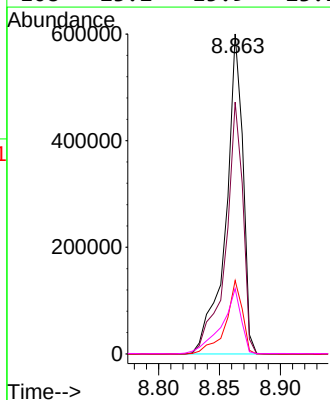
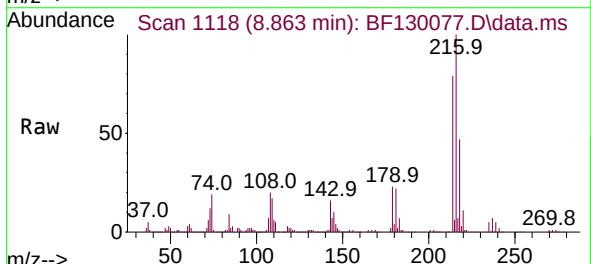
Manual Integrations
APPROVED

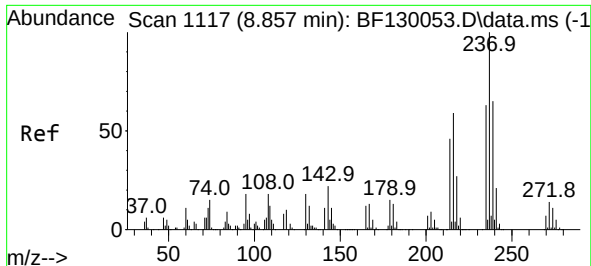
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.270 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

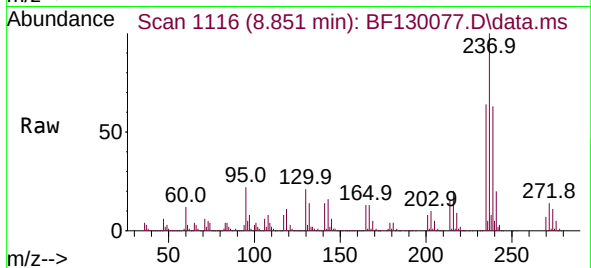
Tgt Ion:216 Resp: 588508
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 22.2 18.1 27.1
108 23.2 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 104.402 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

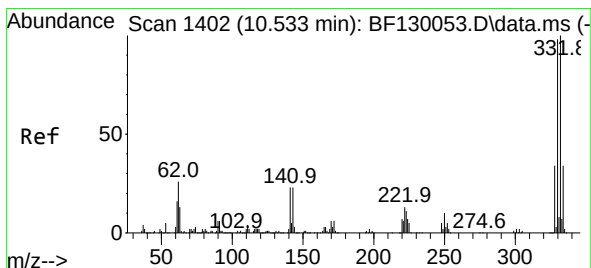
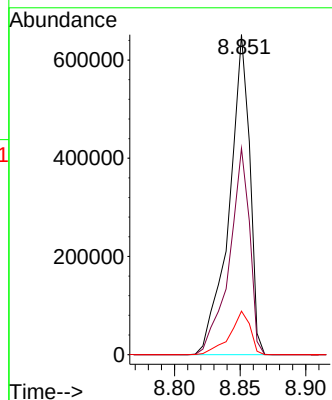
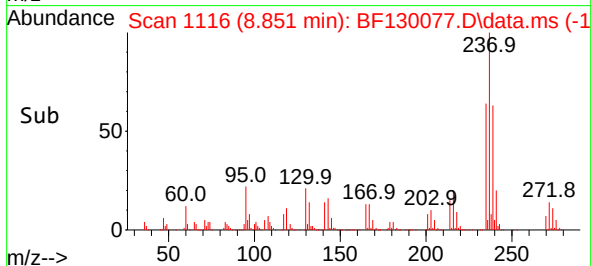
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



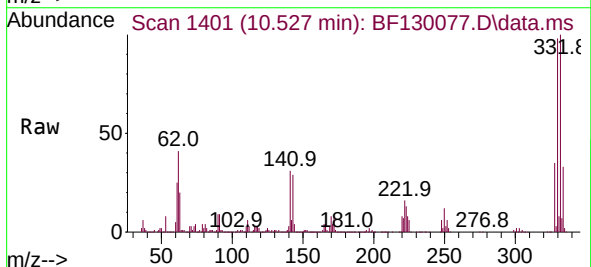
Tgt Ion:237 Resp: 709306
Ion Ratio Lower Upper
237 100
235 64.5 41.5 81.5
272 13.6 0.0 33.3

Manual Integrations
APPROVED

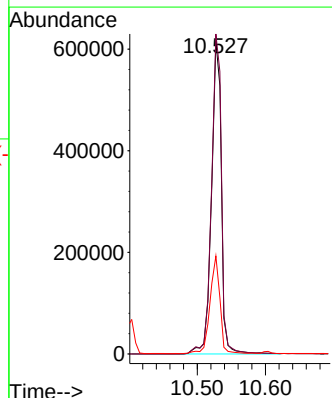
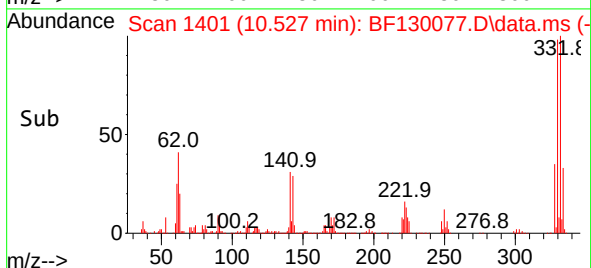
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

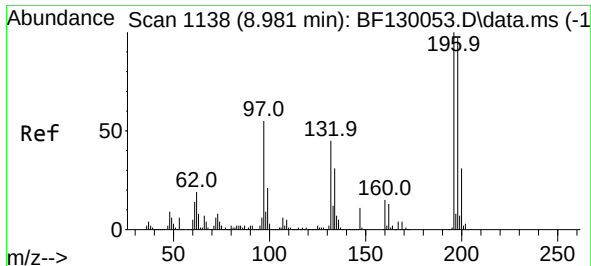


#42
2,4,6-Tribromophenol
Concen: 136.569 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



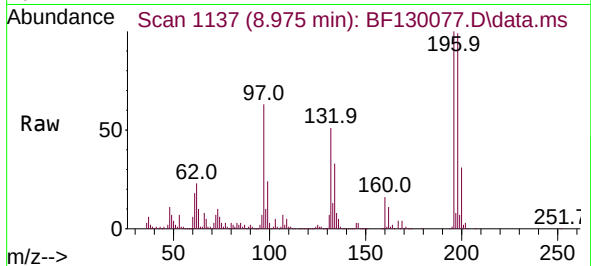
Tgt Ion:330 Resp: 619766
Ion Ratio Lower Upper
330 100
332 104.2 82.6 124.0
141 31.6 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 48.720 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

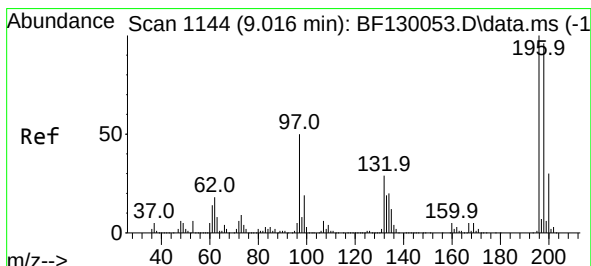
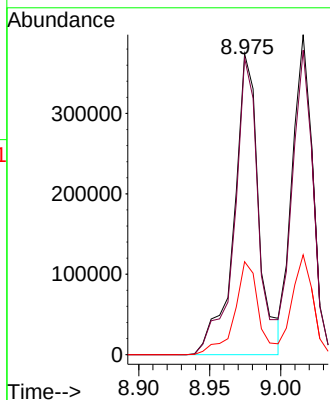
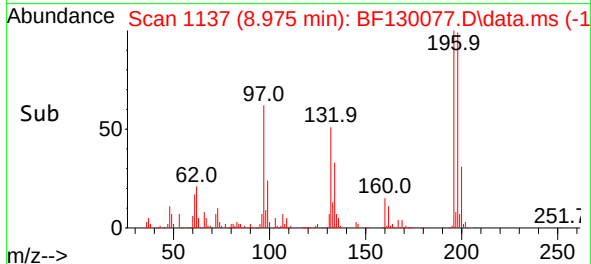
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



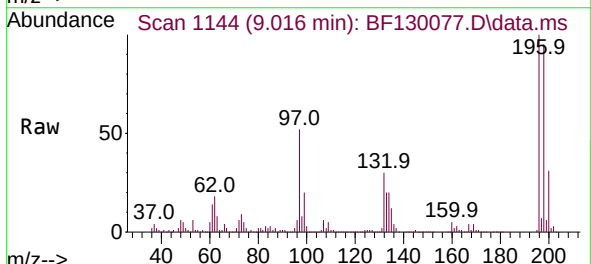
Tgt Ion:196 Resp: 452090
Ion Ratio Lower Upper
196 100
198 98.6 79.0 118.4
200 30.9 25.1 37.7

Manual Integrations
APPROVED

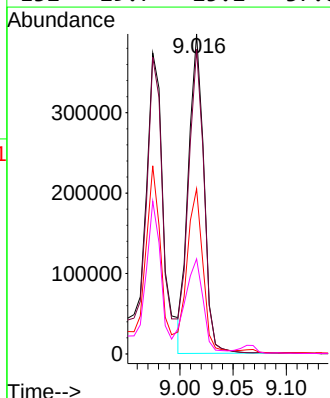
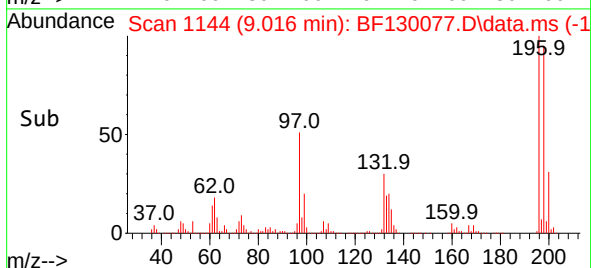
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

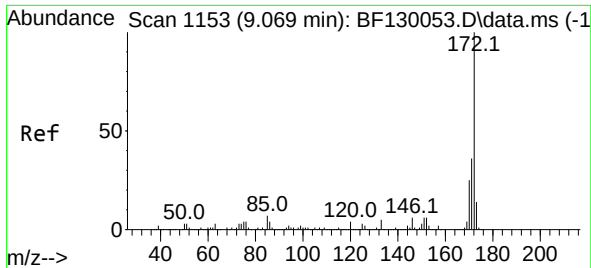


#44
2,4,5-Trichlorophenol
Concen: 40.062 ng
RT: 9.016 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



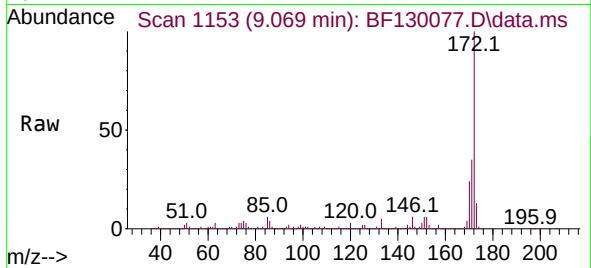
Tgt Ion:196 Resp: 402935
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
97 51.6 46.5 69.7
132 29.7 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 87.988 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

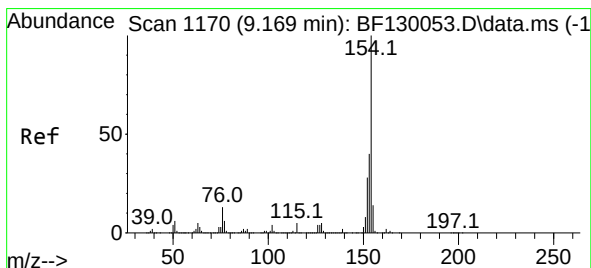
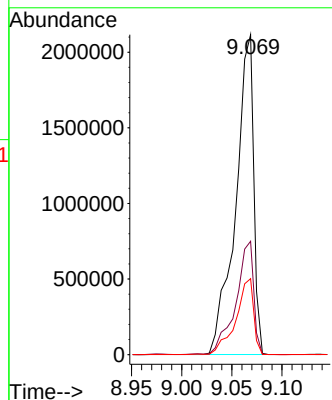
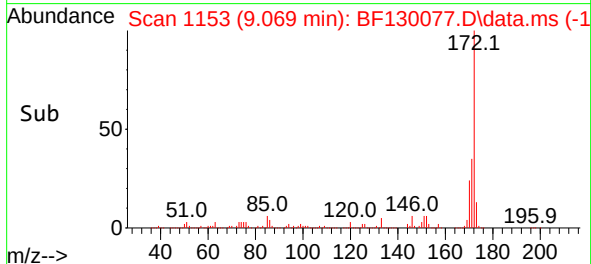
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



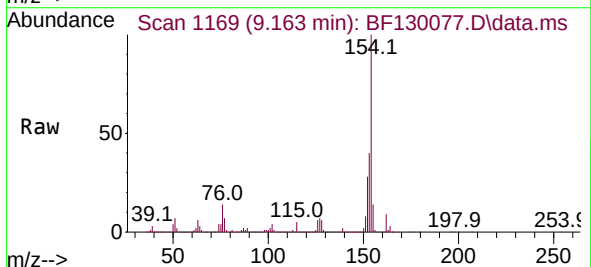
Tgt Ion:172 Resp: 2645776
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.1 28.7

Manual Integrations
APPROVED

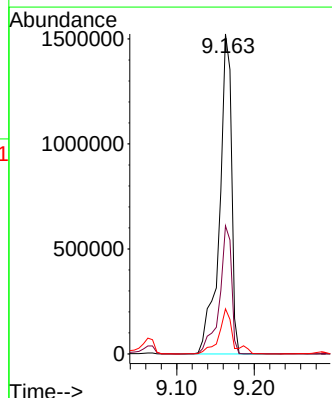
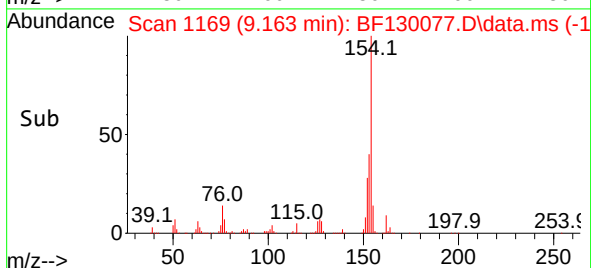
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

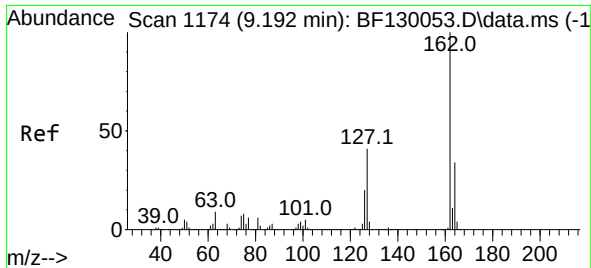


#46
1,1'-Biphenyl
Concen: 45.562 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



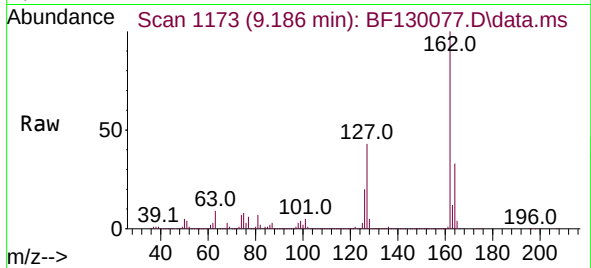
Tgt Ion:154 Resp: 1650226
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 14.1 0.0 32.1





#47
2-Chloronaphthalene
Concen: 43.916 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

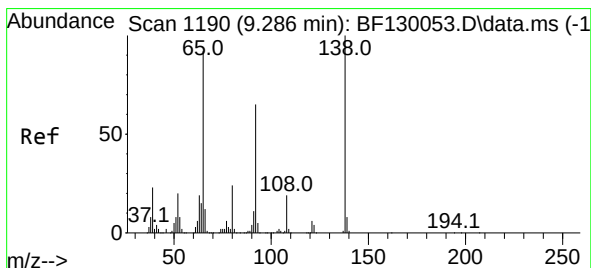
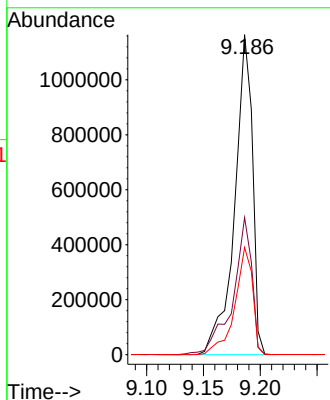
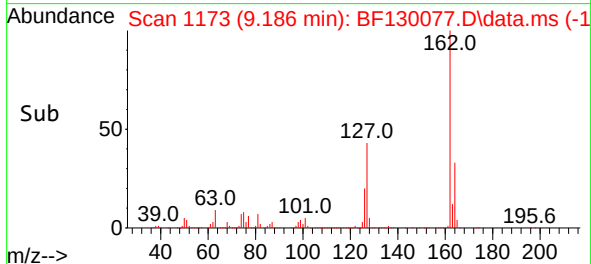
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:162 Resp: 127447
Ion Ratio Lower Upper
162 100
127 42.8 33.1 49.7
164 33.5 26.7 40.1

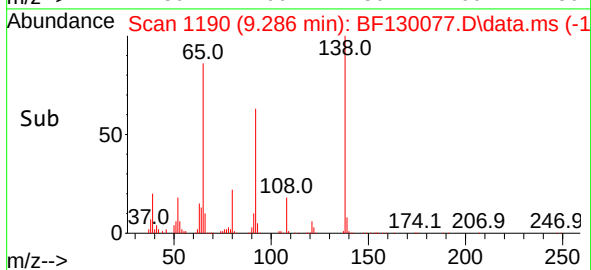
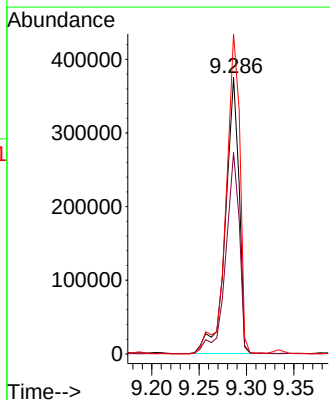
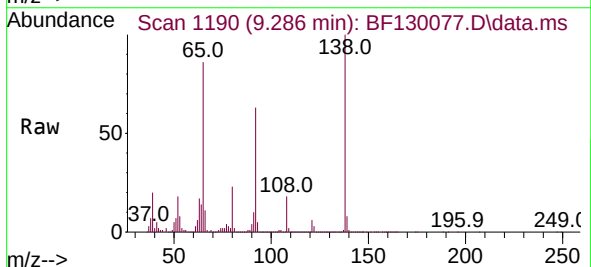
Manual Integrations
APPROVED

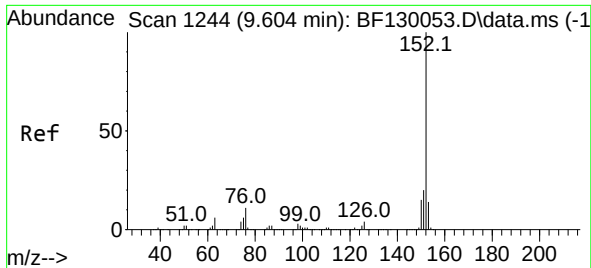
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#48
2-Nitroaniline
Concen: 52.217 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

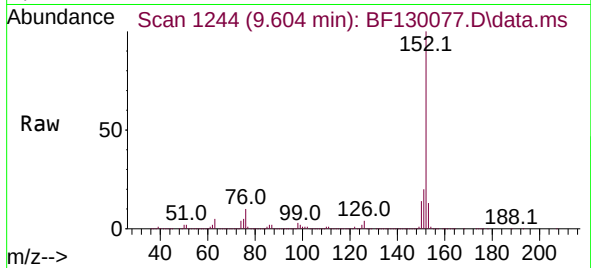
Tgt Ion: 65 Resp: 373423
Ion Ratio Lower Upper
65 100
92 72.9 55.0 82.4
138 115.8 81.3 121.9





#49
Acenaphthylene
Concen: 43.795 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

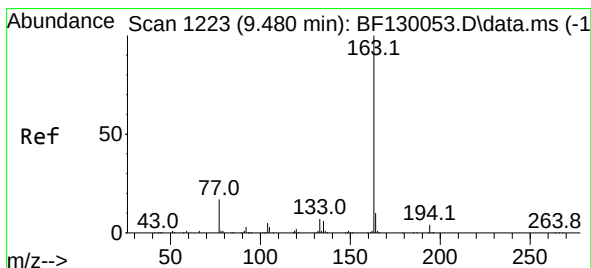
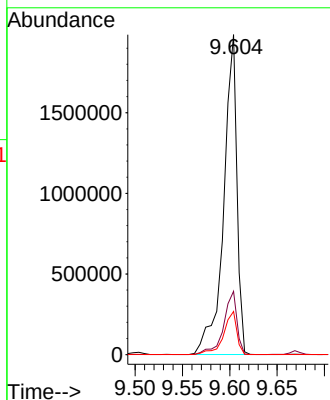
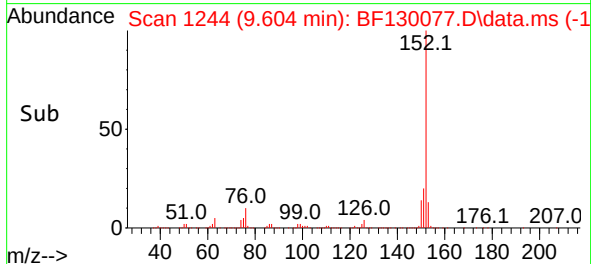
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



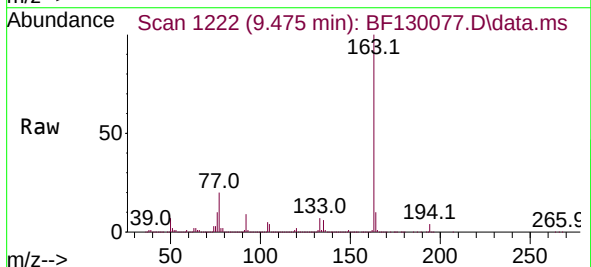
Tgt Ion:152 Resp: 1929987
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.5 10.6 16.0

Manual Integrations
APPROVED

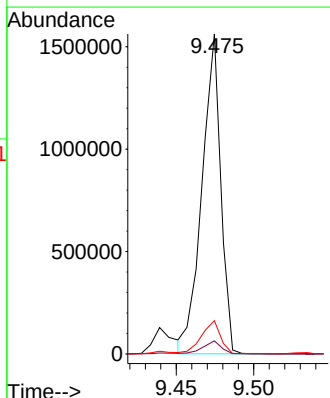
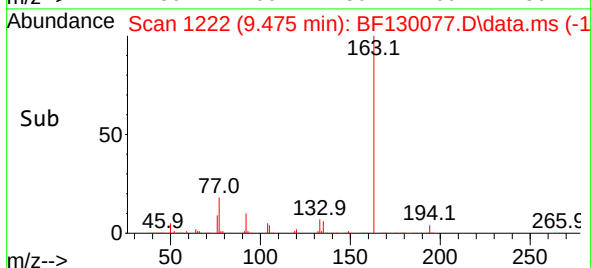
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

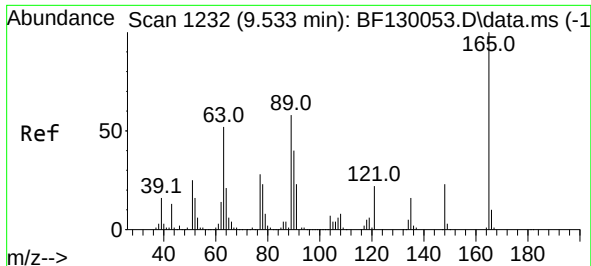


#50
Dimethylphthalate
Concen: 38.716 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



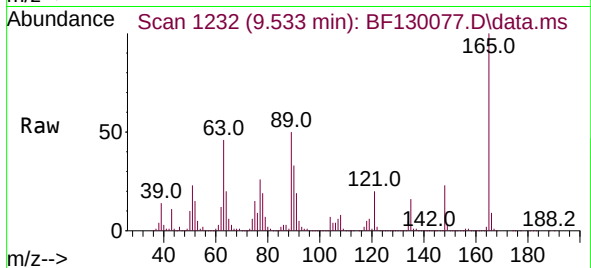
Tgt Ion:163 Resp: 1314670
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.644 ng
RT: 9.533 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

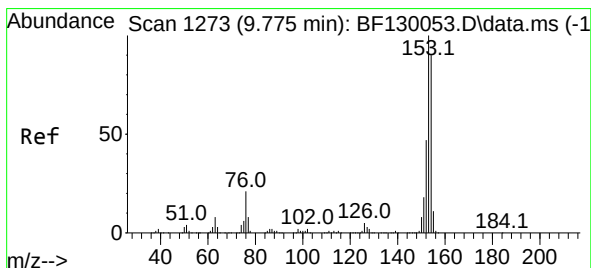
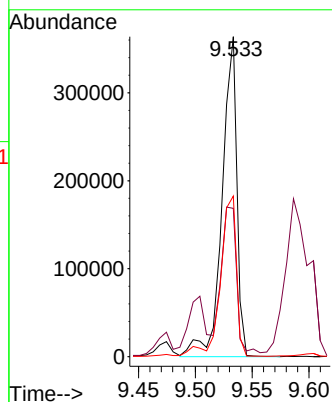
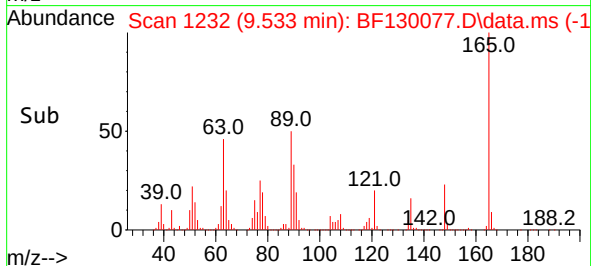
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:165 Resp: 328660
Ion Ratio Lower Upper
165 100
63 46.4 47.8 71.8
89 50.2 47.2 70.8

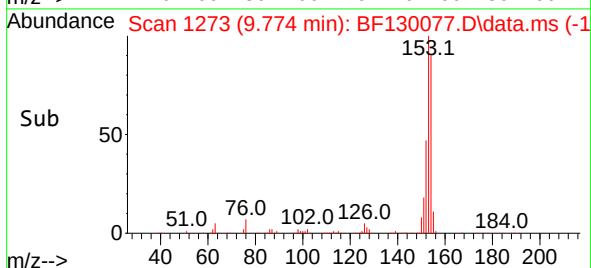
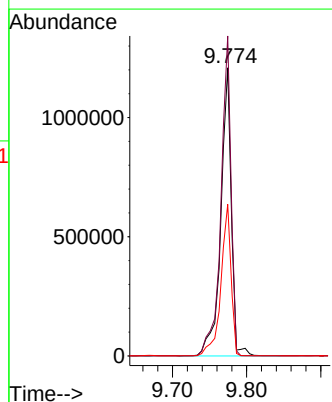
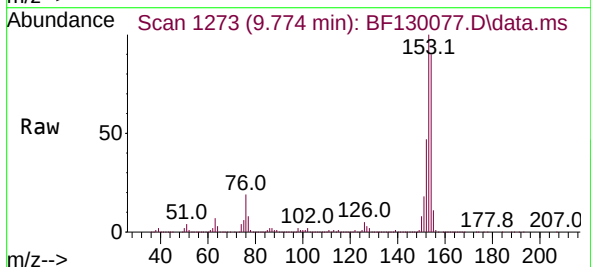
Manual Integrations
APPROVED

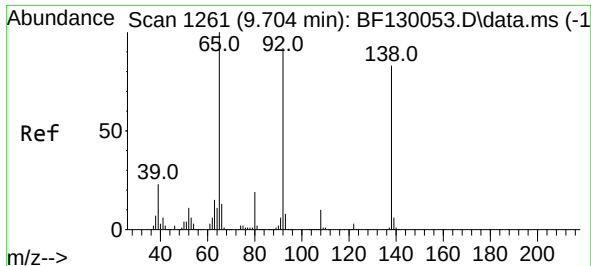
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#52
Acenaphthene
Concen: 42.774 ng
RT: 9.774 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

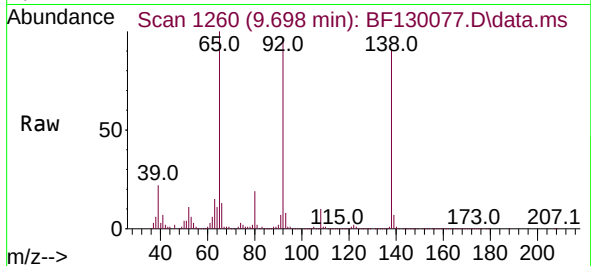
Tgt Ion:154 Resp: 1187961
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.6
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 29.061 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

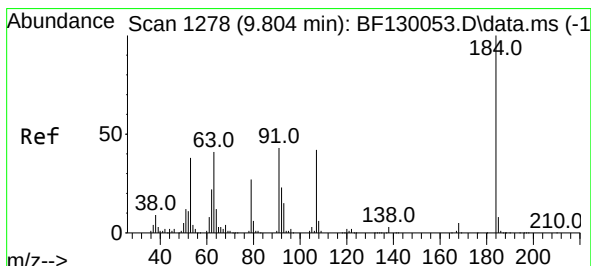
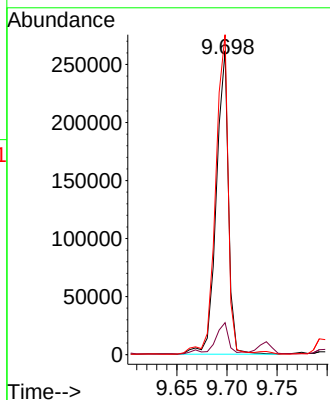
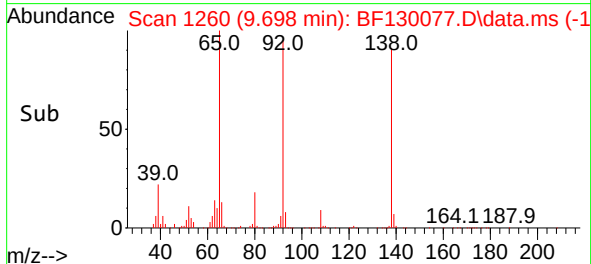
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:138 Resp: 220832
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 105.3 89.8 134.8

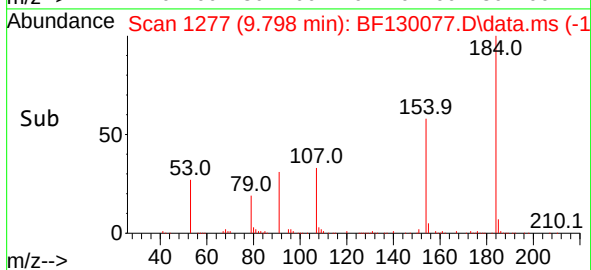
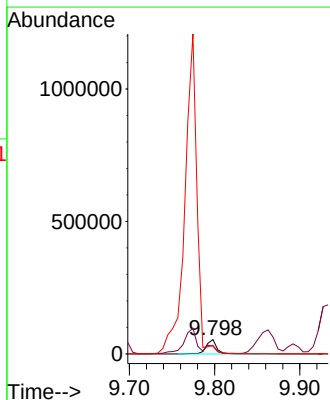
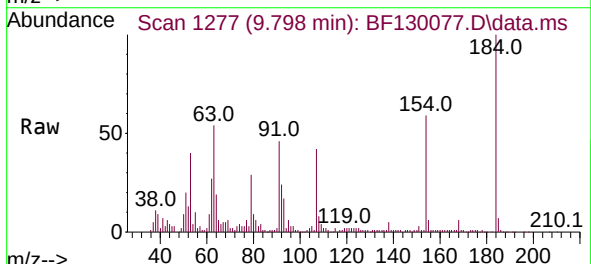
Manual Integrations
APPROVED

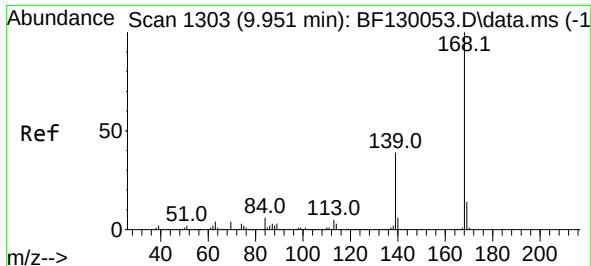
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#54
2,4-Dinitrophenol
Concen: 21.961 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

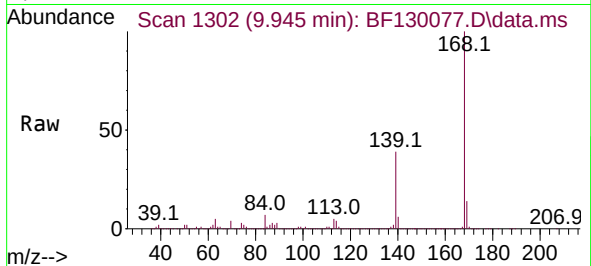
Tgt Ion:184 Resp: 46376
Ion Ratio Lower Upper
184 100
63 54.0 59.6 89.4#
154 58.7 55.3 82.9





#55
Dibenzenofuran
Concen: 43.693 ng
RT: 9.945 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

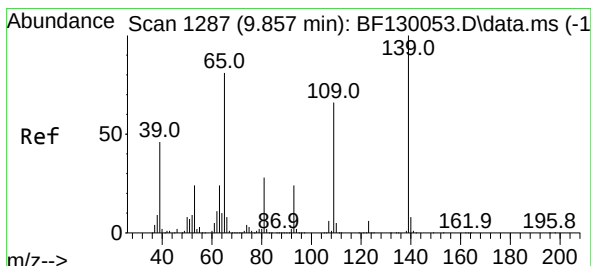
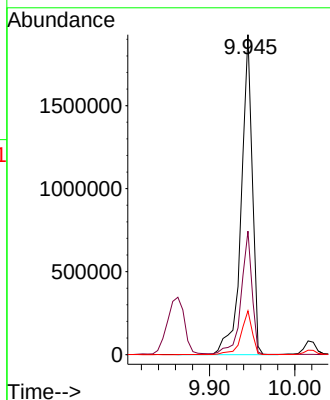
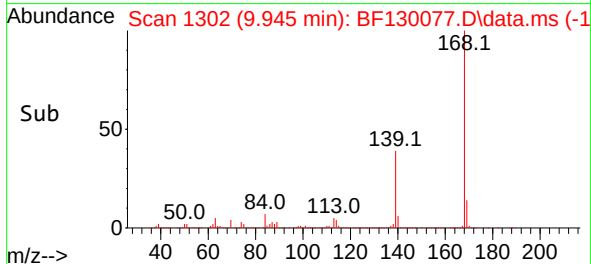
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:168 Resp: 173764
Ion Ratio Lower Upper
168 100
139 38.6 31.3 46.9
169 13.7 10.7 16.1

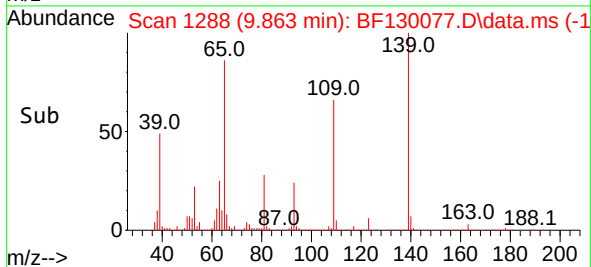
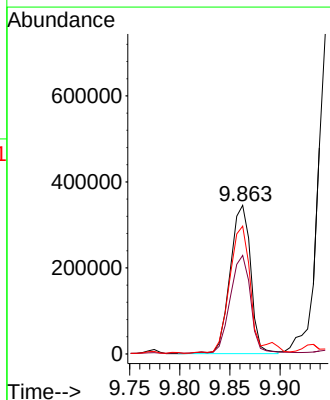
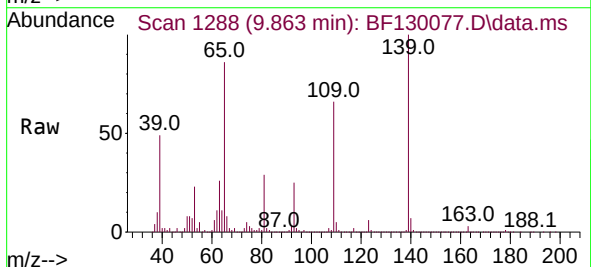
Manual Integrations
APPROVED

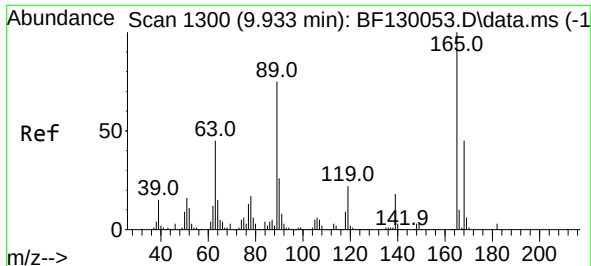
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#56
4-Nitrophenol
Concen: 83.764 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

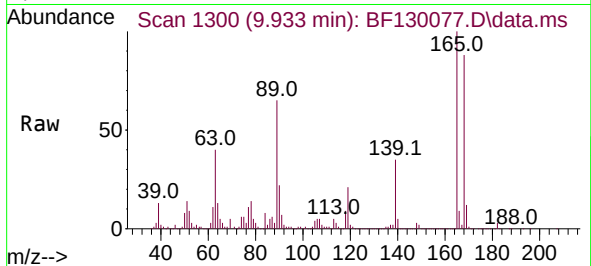
Tgt Ion:139 Resp: 490737
Ion Ratio Lower Upper
139 100
109 66.3 52.9 92.9
65 85.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 54.959 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

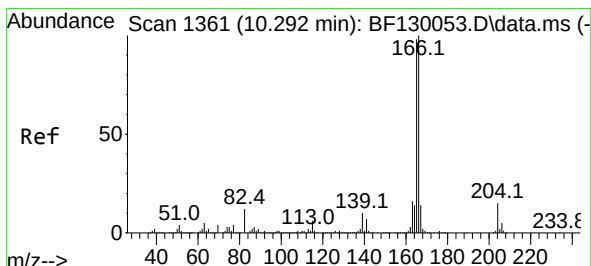
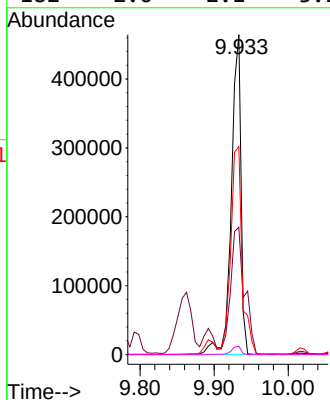
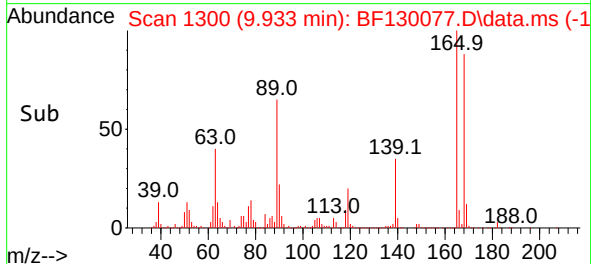
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



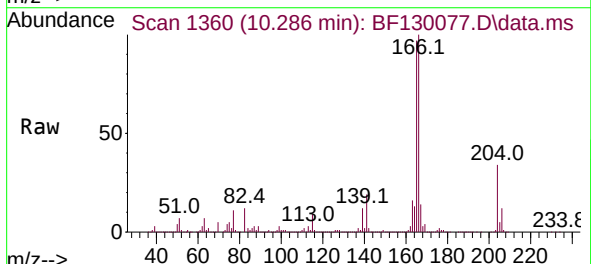
Tgt Ion:165 Resp: 418918
Ion Ratio Lower Upper
165 100
63 39.8 48.4 72.6
89 65.0 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

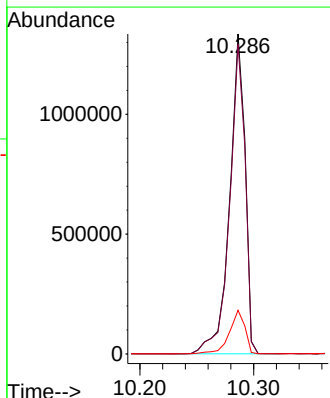
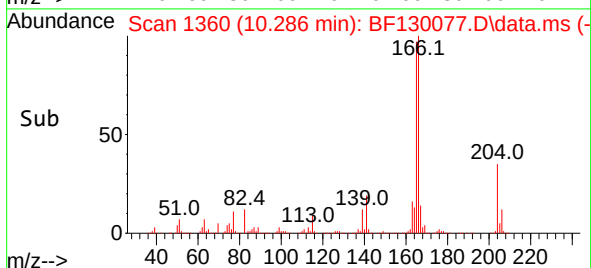
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

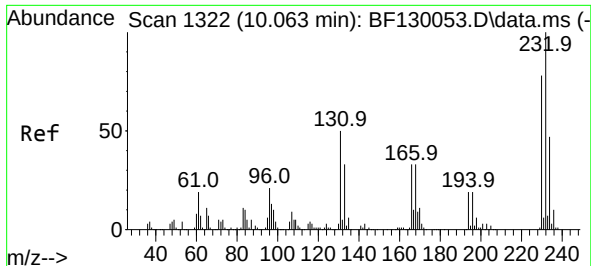


#58
Fluorene
Concen: 41.695 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



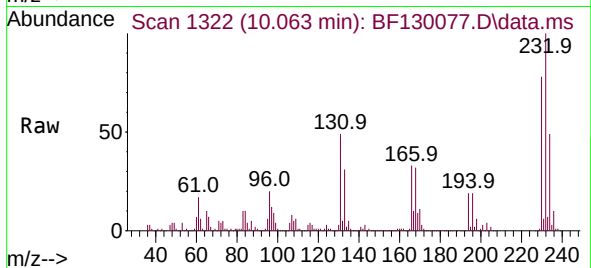
Tgt Ion:166 Resp: 1261662
Ion Ratio Lower Upper
166 100
165 96.7 77.9 116.9
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.507 ng
RT: 10.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

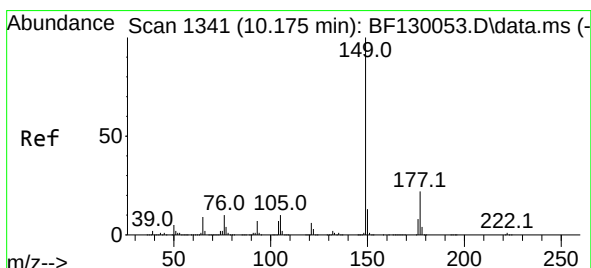
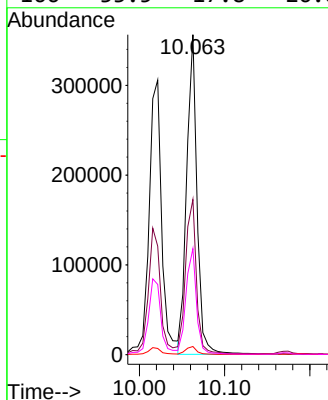
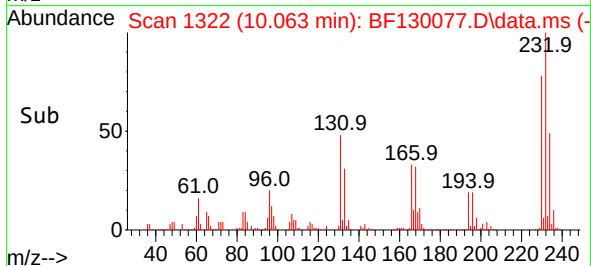
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



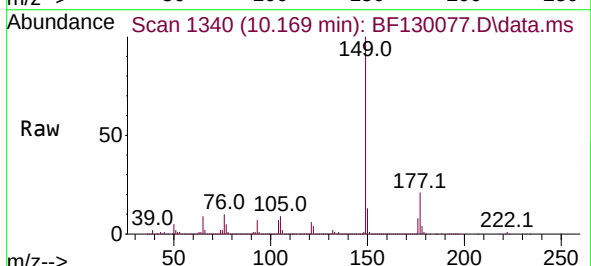
Tgt Ion:232 Resp: 300801
Ion Ratio Lower Upper
232 100
131 51.2 29.9 44.9
130 2.6 1.5 2.3
166 33.5 17.8 26.8

Manual Integrations
APPROVED

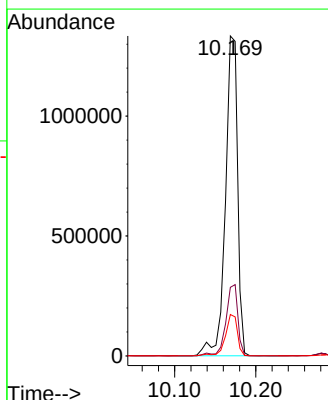
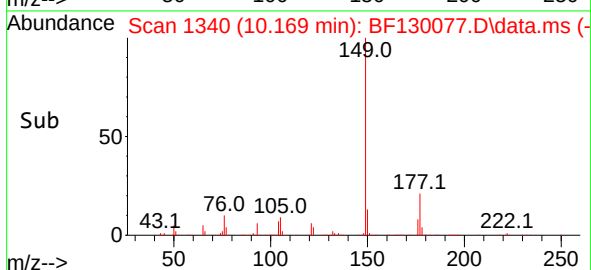
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

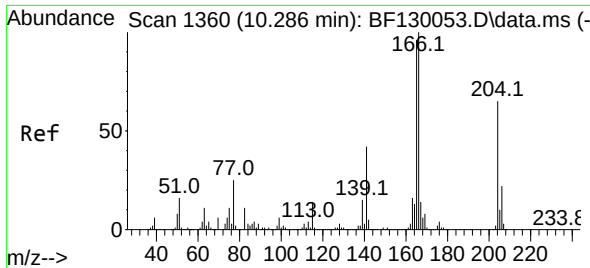


#60
Diethylphthalate
Concen: 42.196 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



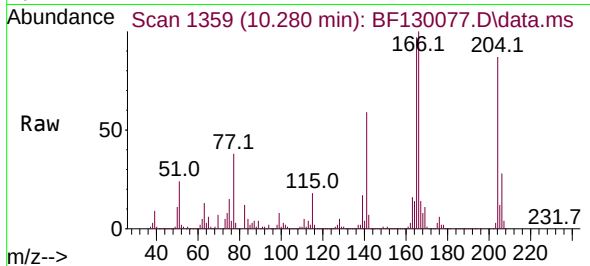
Tgt Ion:149 Resp: 1386176
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.671 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

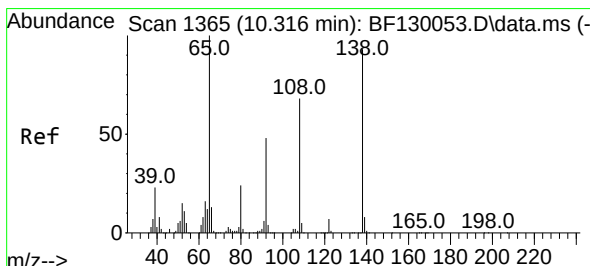
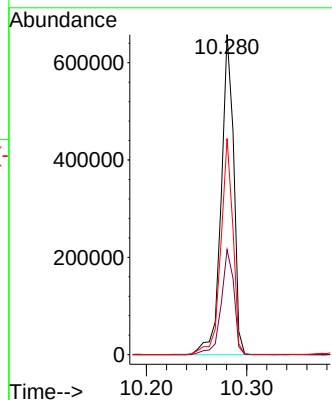
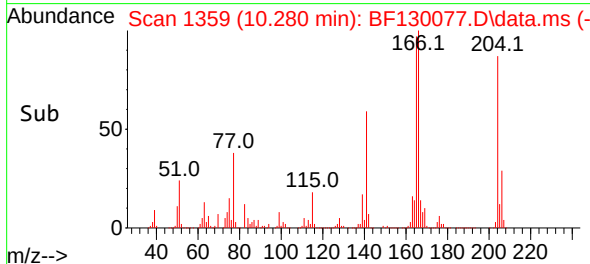
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



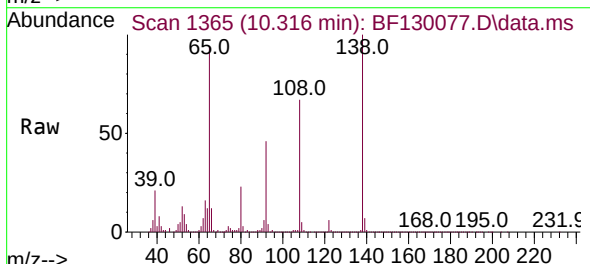
Tgt Ion:204 Resp: 570790
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.5 52.6 79.0

Manual Integrations
APPROVED

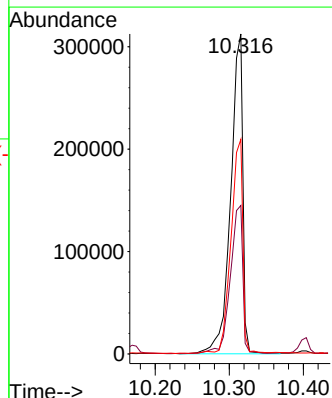
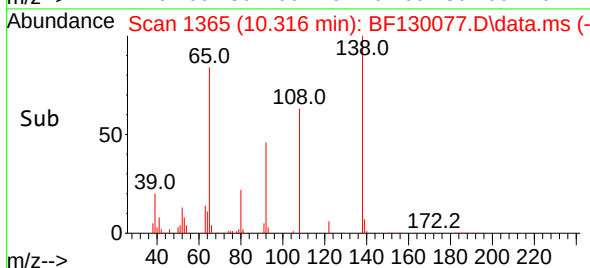
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

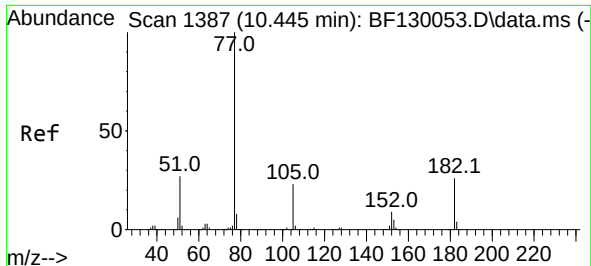


#62
4-Nitroaniline
Concen: 48.118 ng
RT: 10.316 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



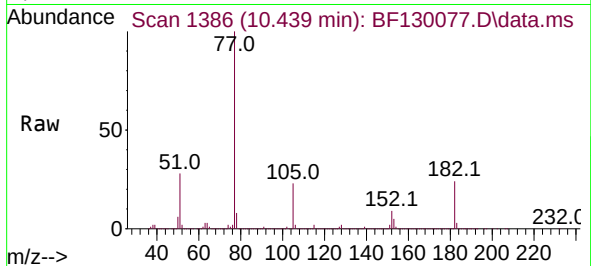
Tgt Ion:138 Resp: 355610
Ion Ratio Lower Upper
138 100
92 46.4 30.3 70.3
108 67.0 55.7 95.7





#63
Azobenzene
Concen: 40.582 ng
RT: 10.439 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

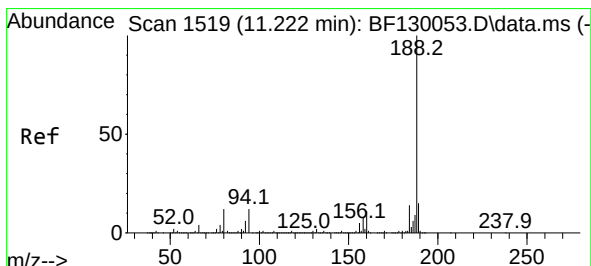
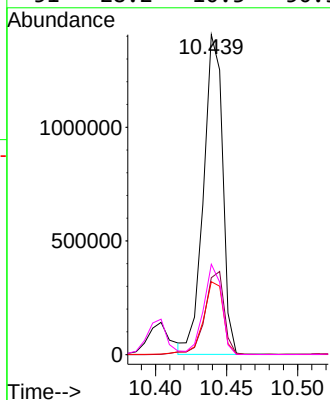
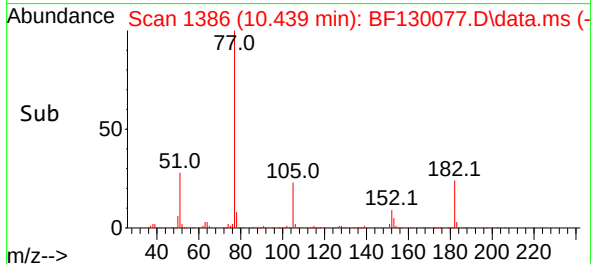
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion: 77 Resp: 1312590
Ion Ratio Lower Upper
77 100
182 24.0 2.2 42.2
105 22.8 0.8 40.8
51 28.2 10.3 50.3

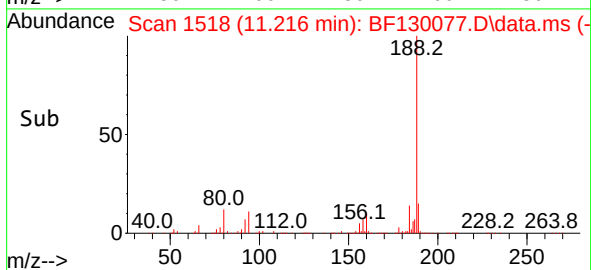
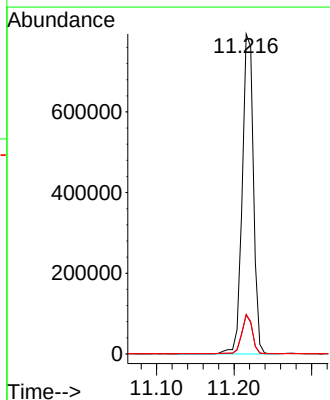
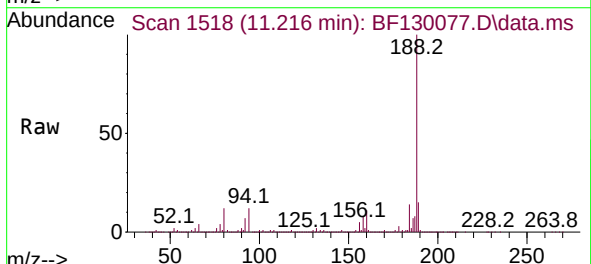
Manual Integrations
APPROVED

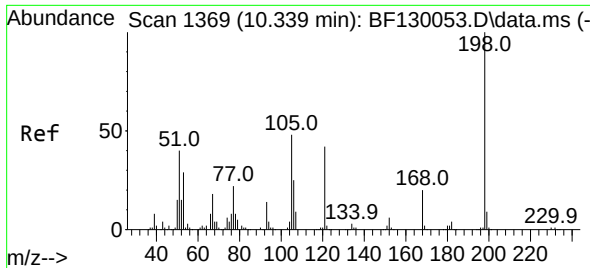
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Tgt Ion:188 Resp: 793884
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.4 7.9 11.9#





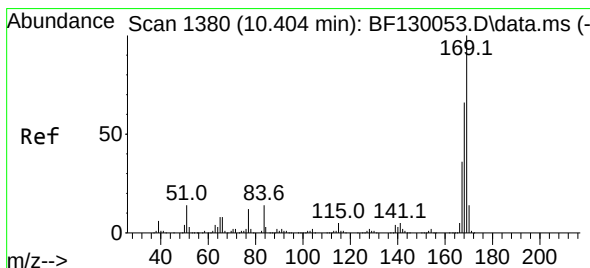
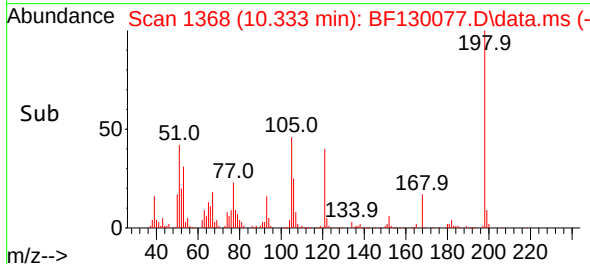
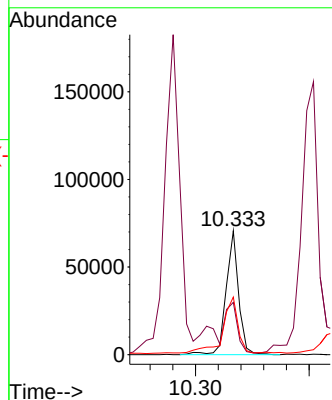
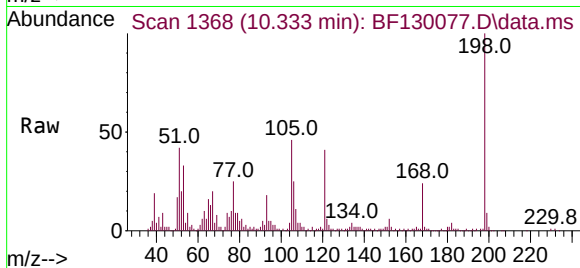
#65
4,6-Dinitro-2-methylphenol
Concen: 18.549 ng
RT: 10.333 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS

Tgt Ion:198 Resp: 53360
Ion Ratio Lower Upper
198 100
51 42.2 29.4 69.4
105 46.4 29.2 69.2

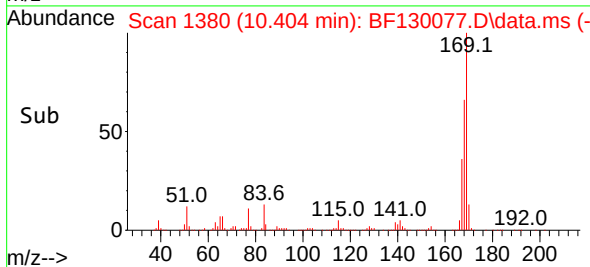
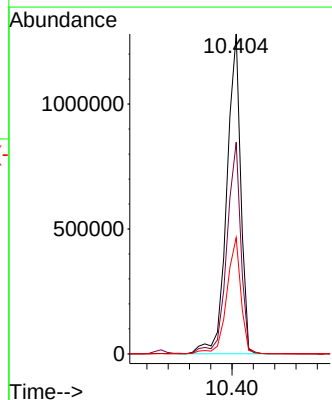
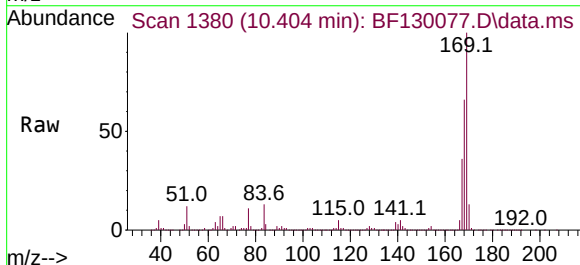
Manual Integrations
APPROVED

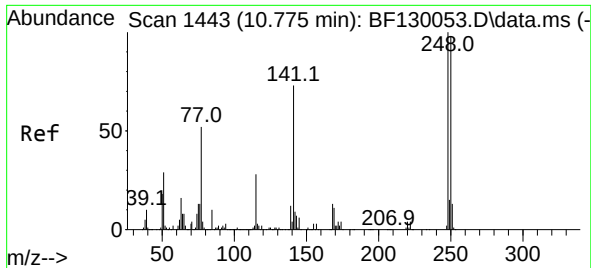
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#66
n-Nitrosodiphenylamine
Concen: 43.955 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

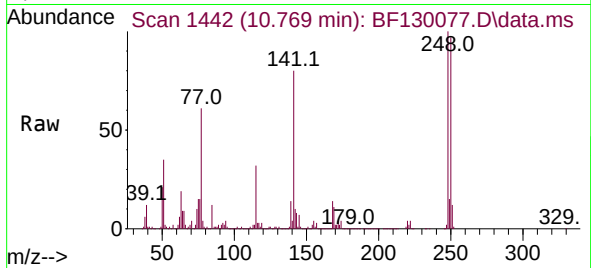
Tgt Ion:169 Resp: 1166519
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.3 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 44.667 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

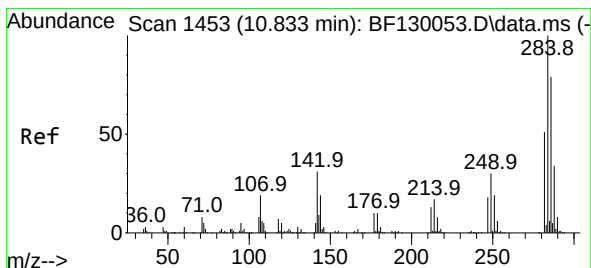
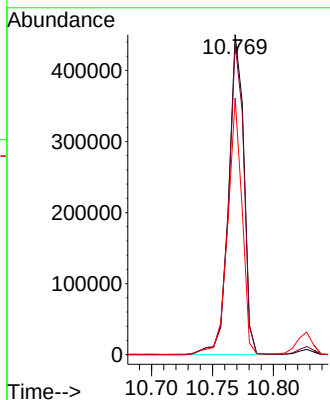
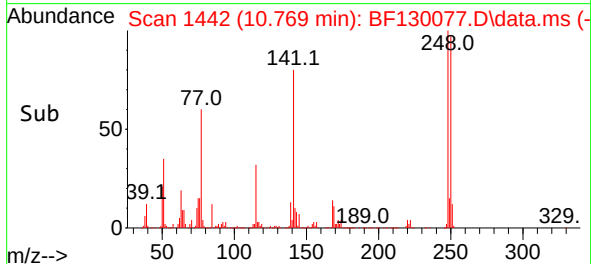
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



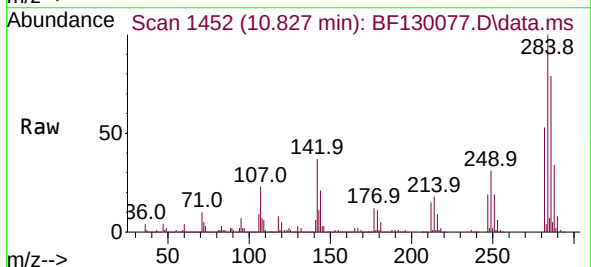
Tgt Ion:248 Resp: 394432
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 80.1 66.2 99.2

Manual Integrations
APPROVED

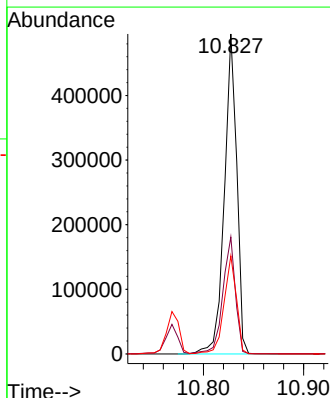
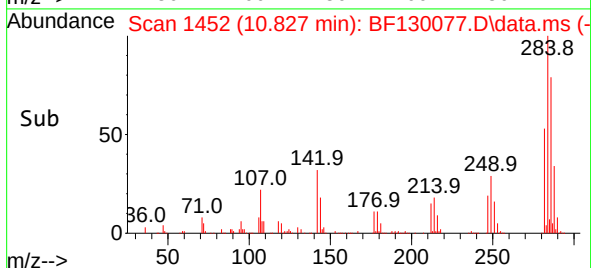
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

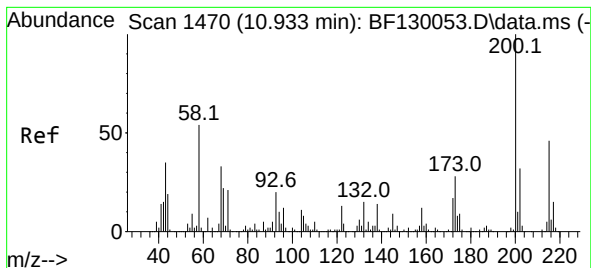


#68
Hexachlorobenzene
Concen: 44.320 ng
RT: 10.827 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



Tgt Ion:284 Resp: 426443
Ion Ratio Lower Upper
284 100
142 36.5 31.4 47.0
249 30.6 25.7 38.5





#69

Atrazine

Concen: 48.253 ng

RT: 10.933 min Scan# 1470

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

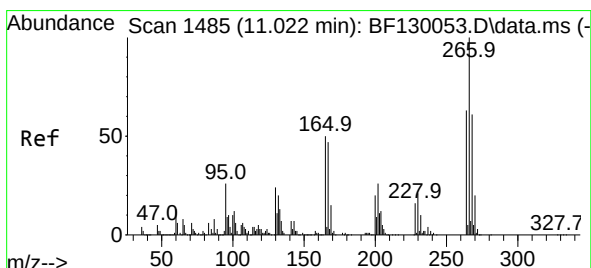
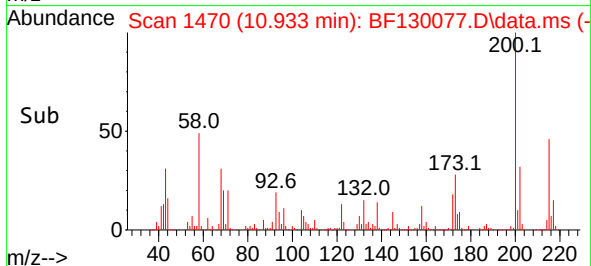
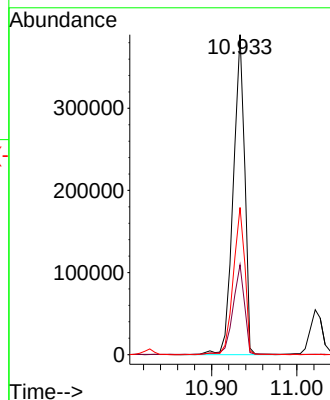
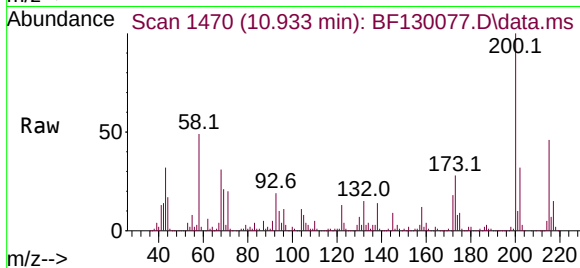
WC-PALM-SP-01MS

Tgt Ion:200 Resp: 362284
 Ion Ratio Lower Upper
 200 100
 173 28.1 6.4 46.4
 215 46.0 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022



#70

Pentachlorophenol

Concen: 53.784 ng

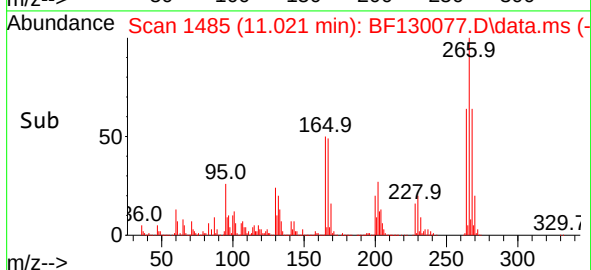
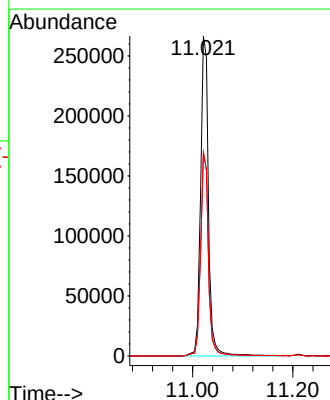
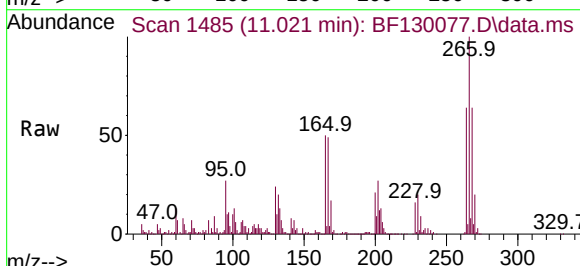
RT: 11.021 min Scan# 1485

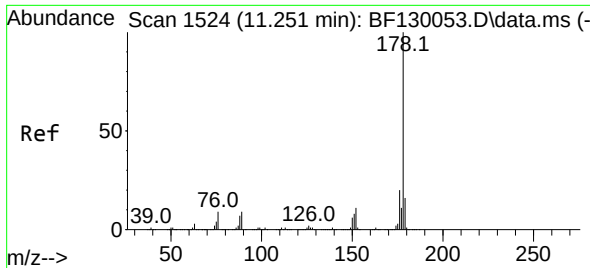
Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Tgt Ion:266 Resp: 289382
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.0 73.4
 264 63.9 47.9 71.9





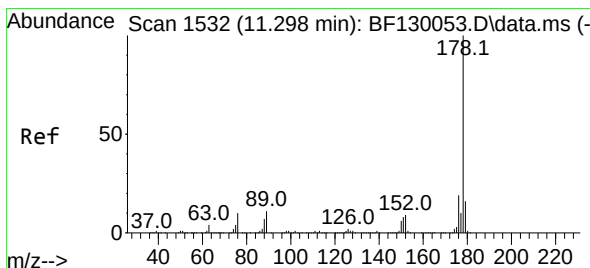
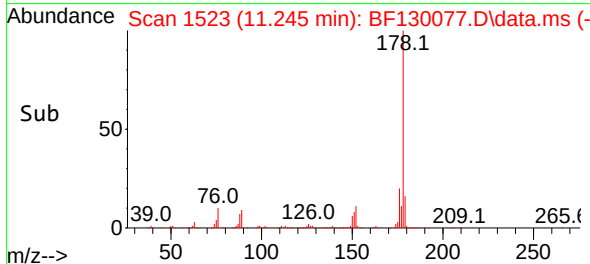
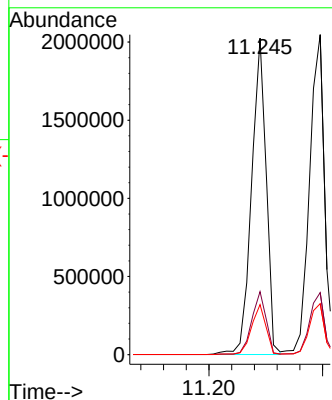
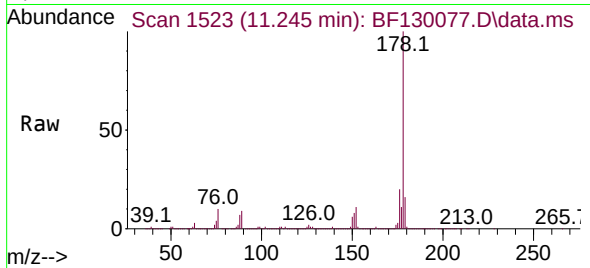
#71
Phenanthrene
Concen: 41.948 ng
RT: 11.245 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS

Tgt Ion:178 Resp: 1806004
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.5 18.7

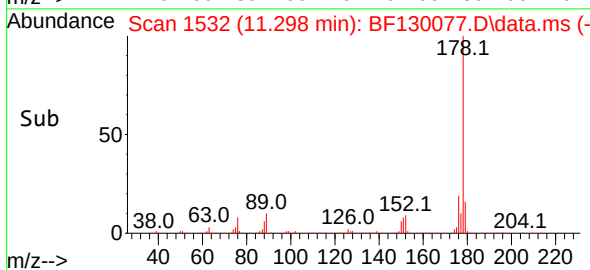
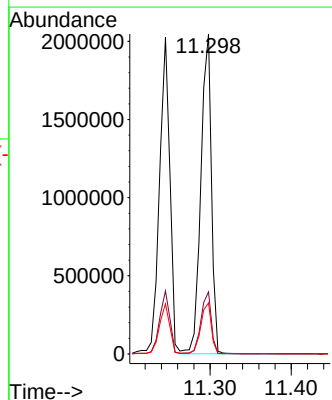
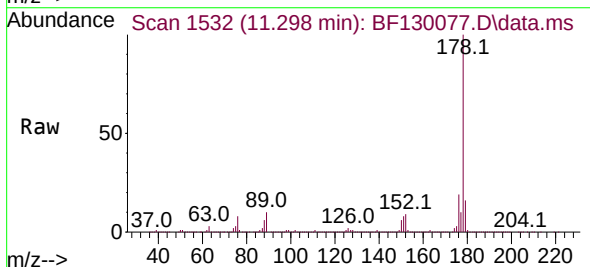
Manual Integrations
APPROVED

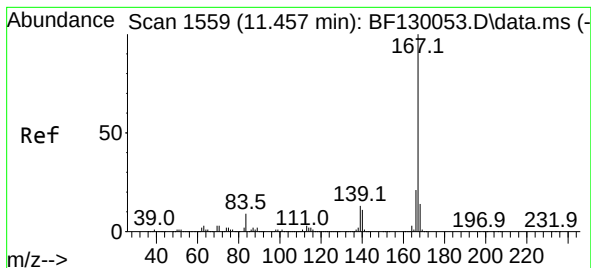
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#72
Anthracene
Concen: 43.508 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Tgt Ion:178 Resp: 1841415
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.9 12.6 18.8





#73

Carbazole

Concen: 45.345 ng

RT: 11.451 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF130077.D

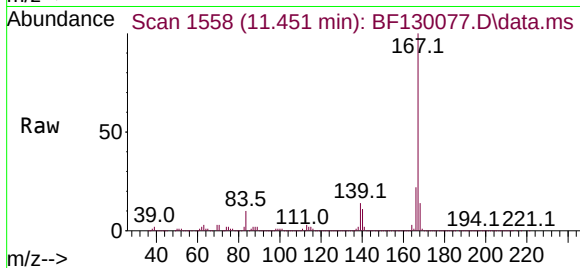
Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS



Tgt Ion:167 Resp: 176975

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

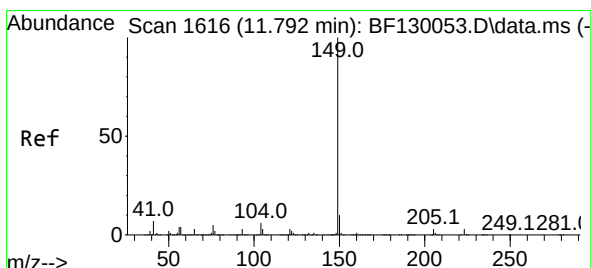
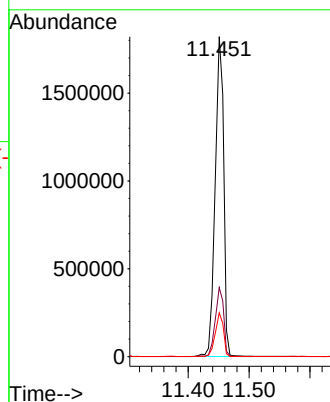
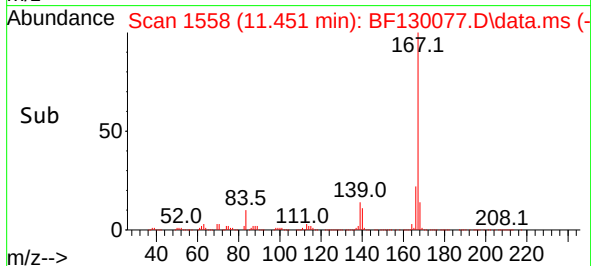
139 13.7 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#74

Di-n-butylphthalate

Concen: 44.104 ng

RT: 11.792 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

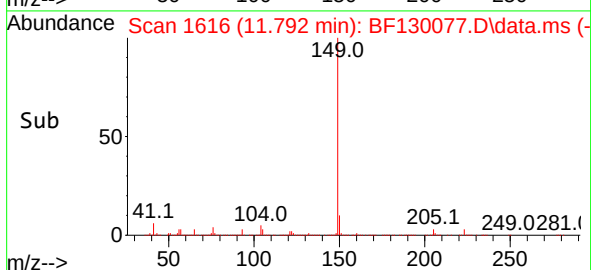
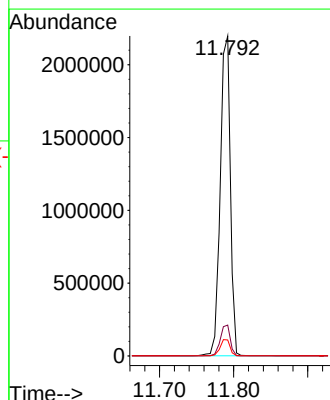
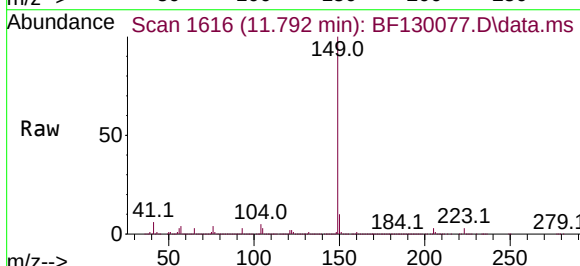
Tgt Ion:149 Resp: 2075655

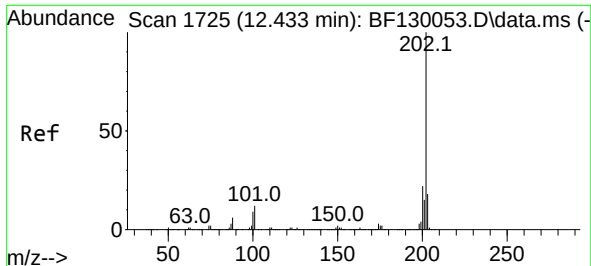
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

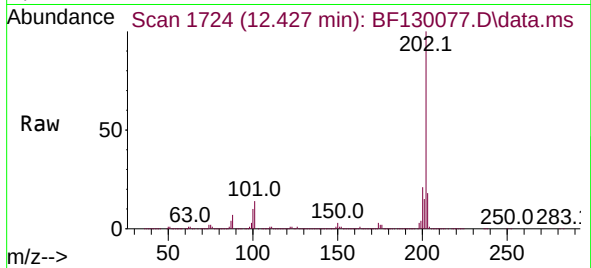
104 5.0 4.2 6.4





#75
Fluoranthene
Concen: 43.646 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

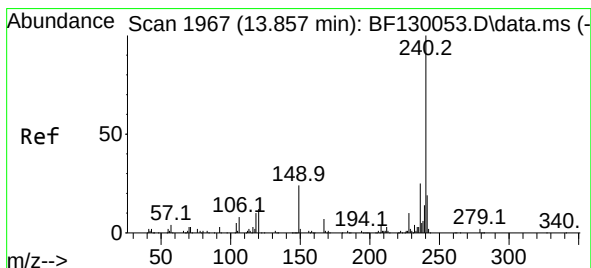
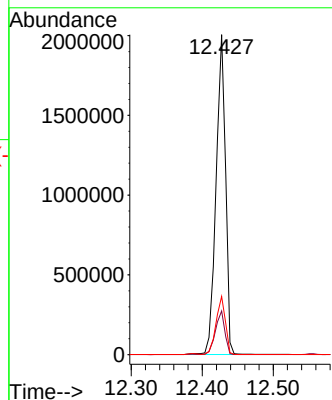
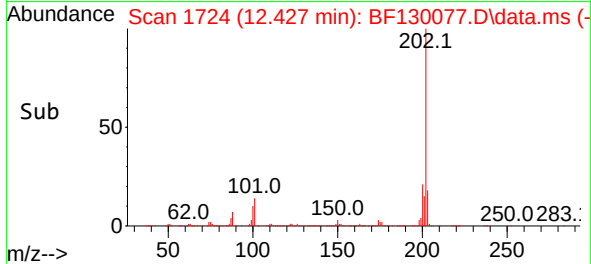
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:202 Resp: 1863397
Ion Ratio Lower Upper
202 100
101 13.6 0.0 30.7
203 18.2 0.0 37.5

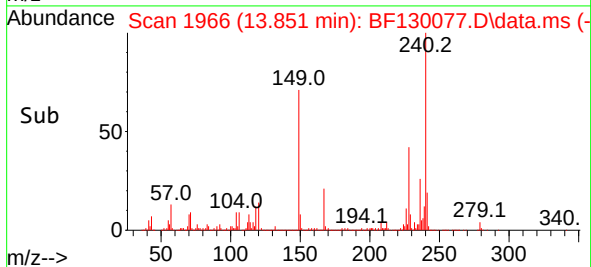
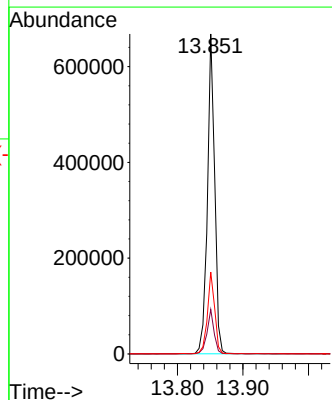
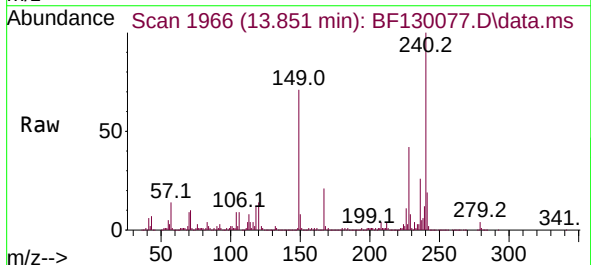
Manual Integrations
APPROVED

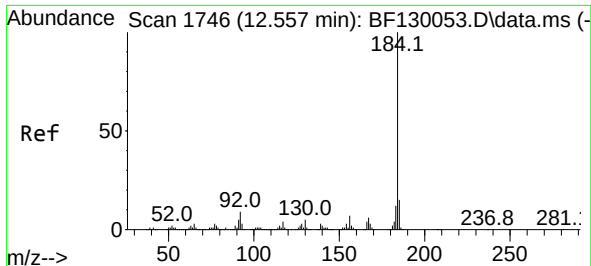
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

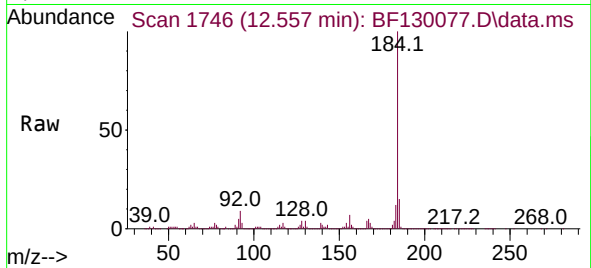
Tgt Ion:240 Resp: 510559
Ion Ratio Lower Upper
240 100
120 13.9 9.2 13.8#
236 25.6 20.7 31.1





#77
Benzidine
Concen: 48.488 ng
RT: 12.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

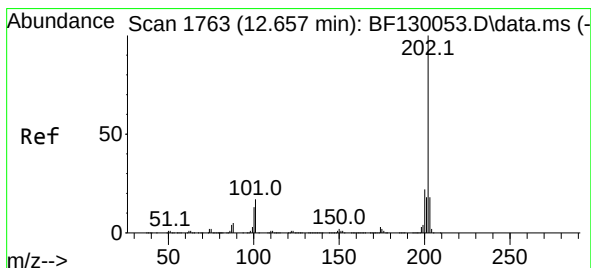
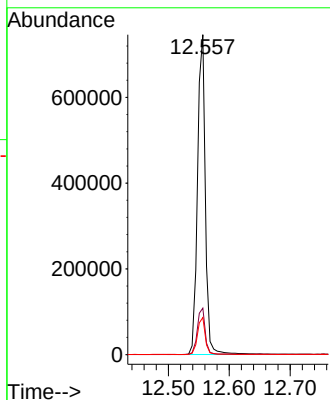
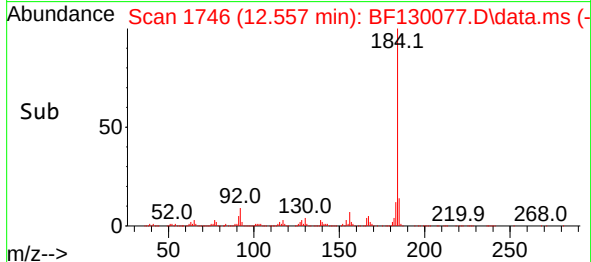
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:184 Resp: 668392
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.6 9.4 14.2

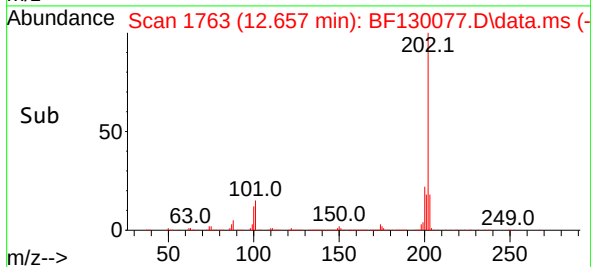
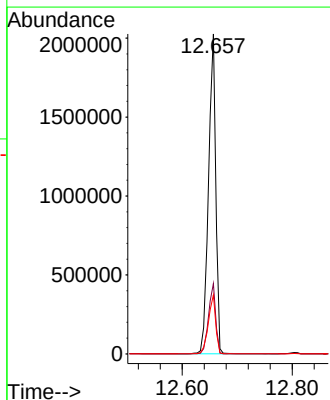
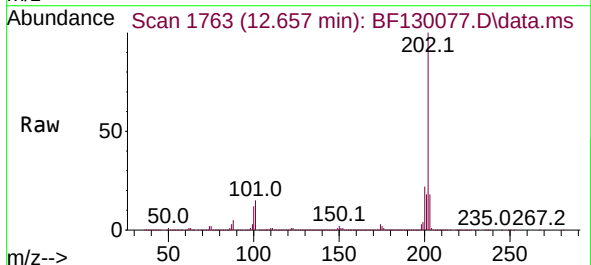
Manual Integrations
APPROVED

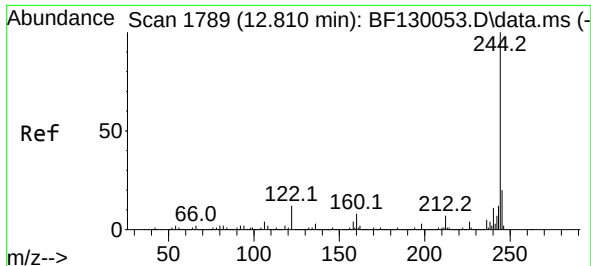
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#78
Pyrene
Concen: 40.602 ng
RT: 12.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

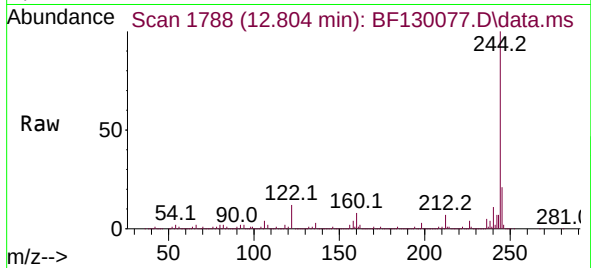
Tgt Ion:202 Resp: 1859350
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 18.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 85.583 ng
 RT: 12.804 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF130077.D
 Acq: 01 Sep 2022 14:11

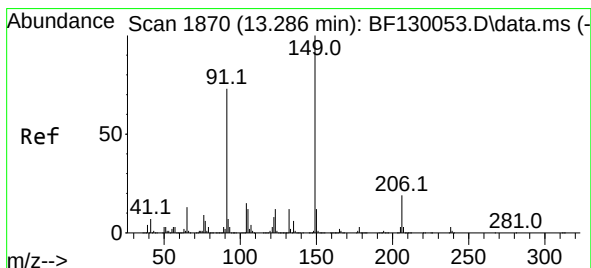
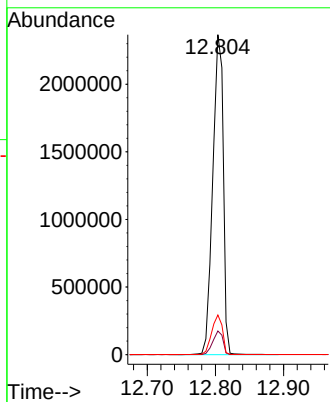
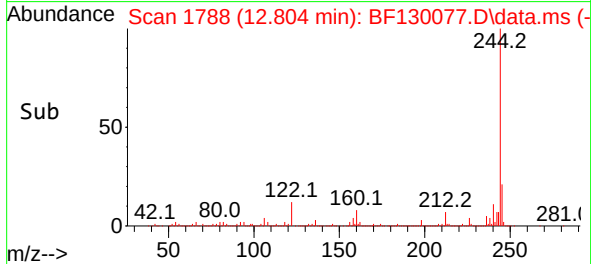
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01MS



Tgt Ion:244 Resp: 2519742
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.4 9.9 14.9

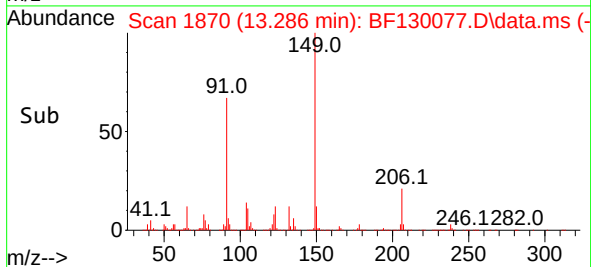
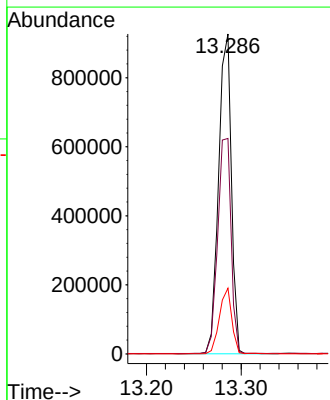
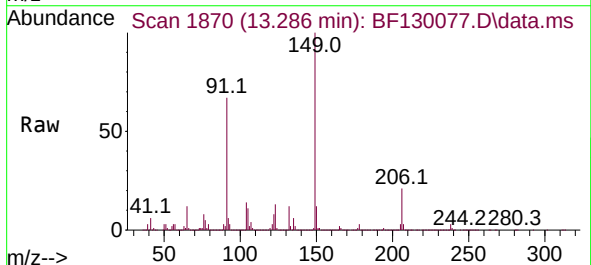
Manual Integrations
 APPROVED

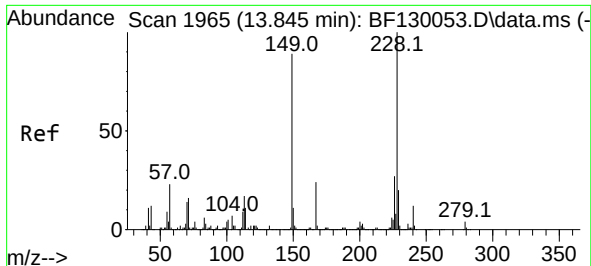
Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022



#80
 Butylbenzylphthalate
 Concen: 47.586 ng
 RT: 13.286 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130077.D
 Acq: 01 Sep 2022 14:11

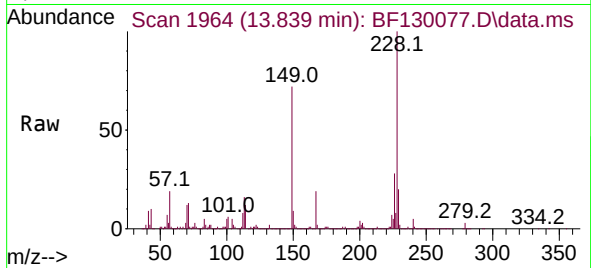
Tgt Ion:149 Resp: 866777
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.4 83.0
 206 20.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 42.509 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

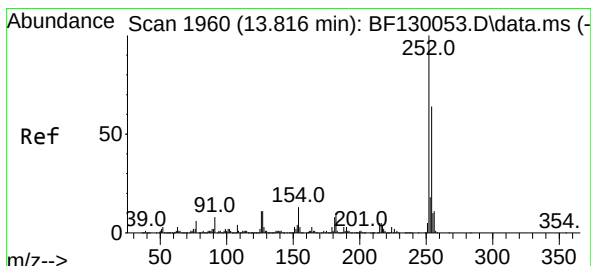
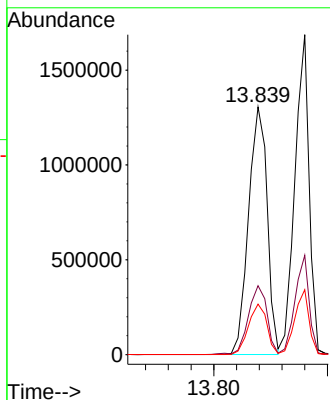
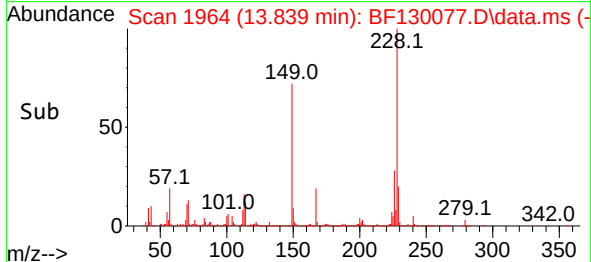
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



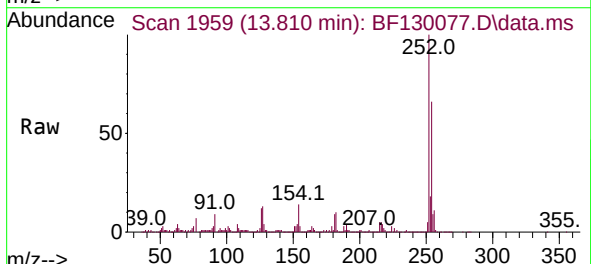
Tgt Ion:228 Resp: 1487349
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.4 16.1 24.1

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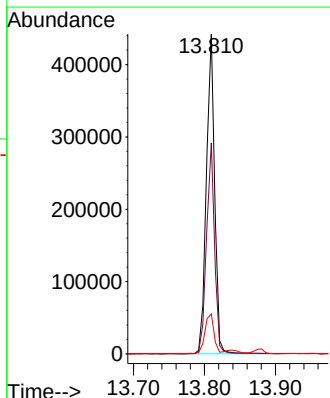
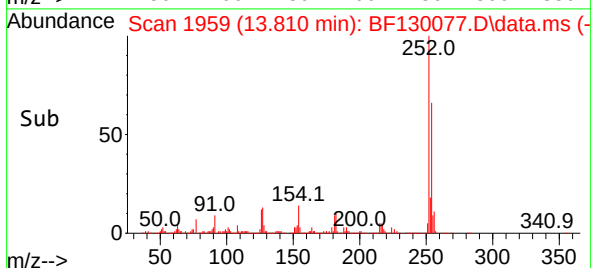
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

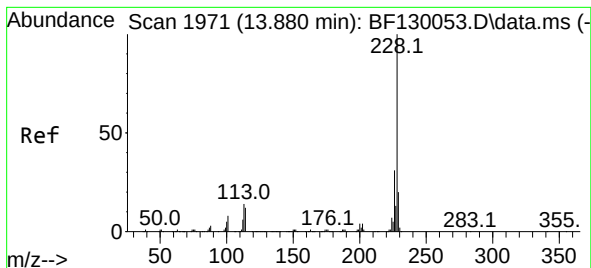


#82
3,3'-Dichlorobenzidine
Concen: 32.712 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



Tgt Ion:252 Resp: 356927
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 12.5 10.2 15.4





#83

Chrysene

Concen: 42.829 ng

RT: 13.880 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS

Tgt Ion:228 Resp: 1477443

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

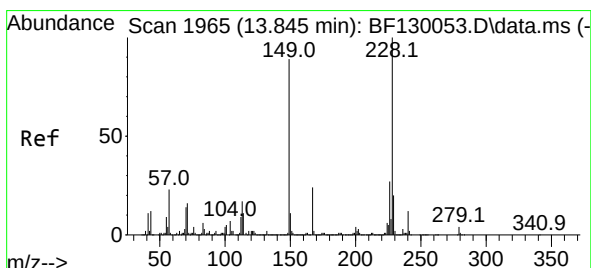
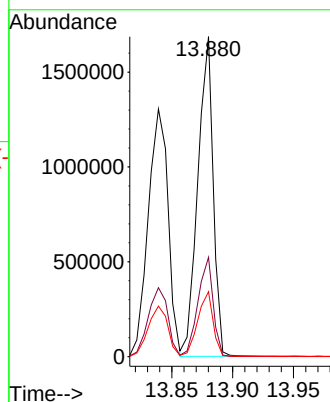
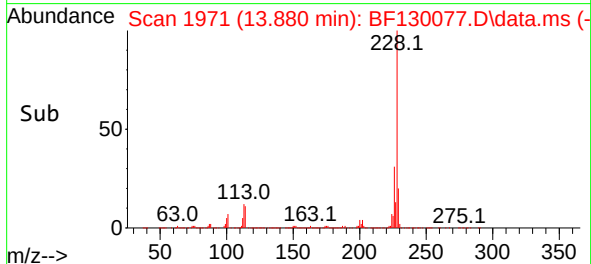
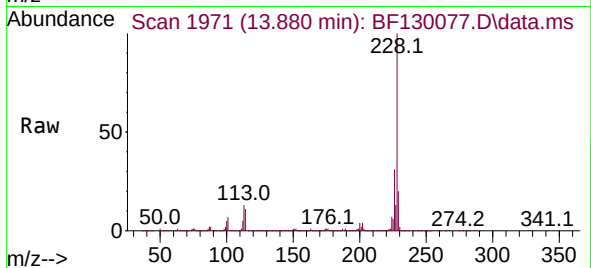
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.014 ng

RT: 13.845 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

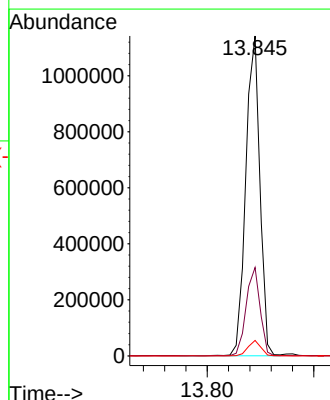
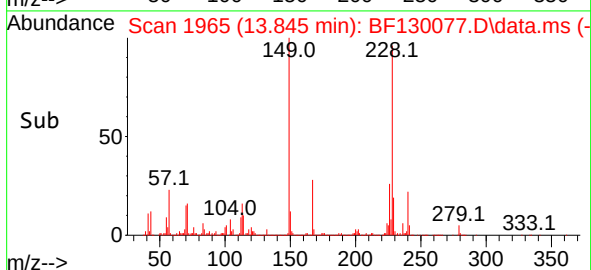
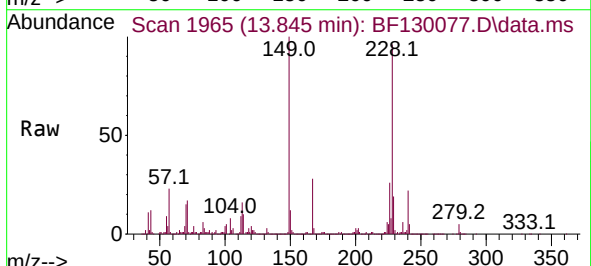
Tgt Ion:149 Resp: 1041800

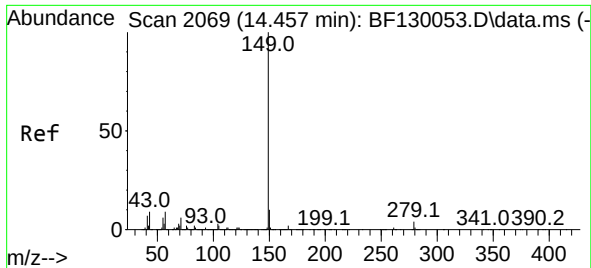
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

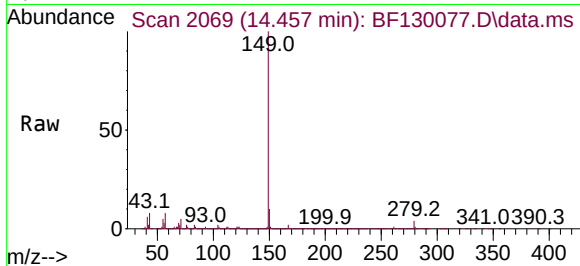
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 52.775 ng
RT: 14.457 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

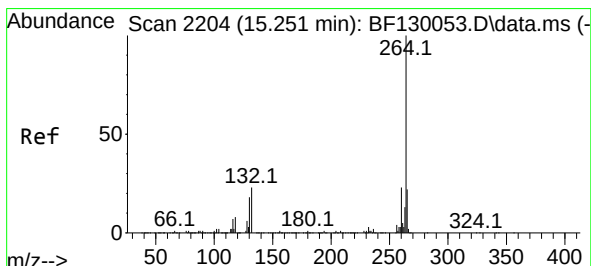
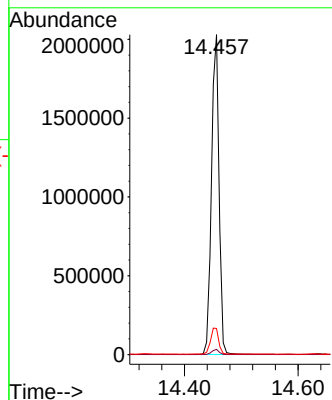
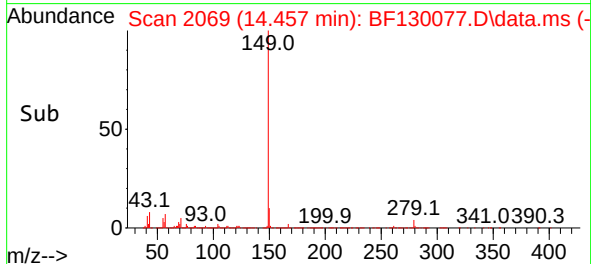
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



Tgt Ion:149 Resp: 1887448
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.8 11.6

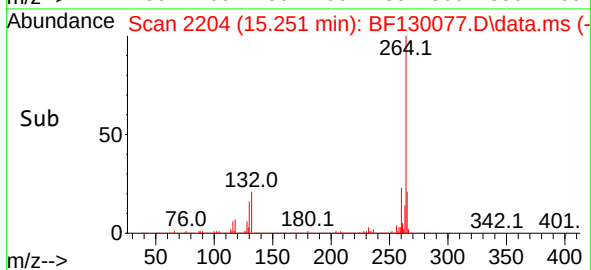
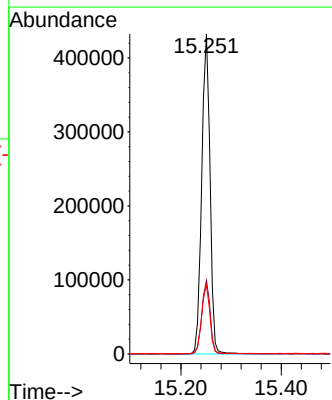
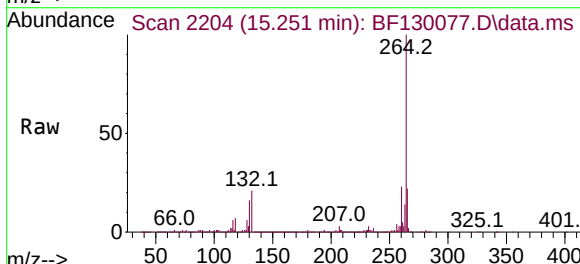
Manual Integrations
APPROVED

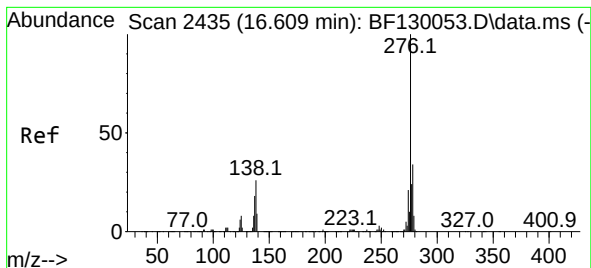
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

Tgt Ion:264 Resp: 495920
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.6 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.062 ng

RT: 16.603 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BF130077.D

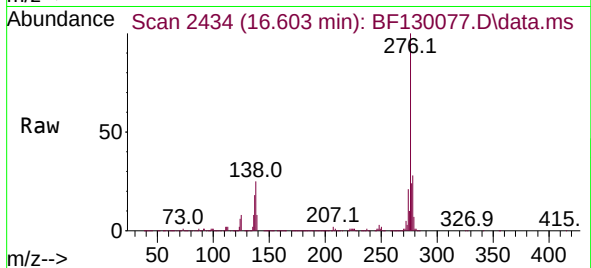
Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS



Tgt Ion:276 Resp: 1441404

Ion Ratio Lower Upper

276 100

138 29.9 19.8 29.8

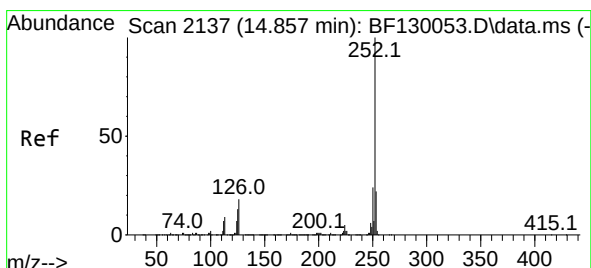
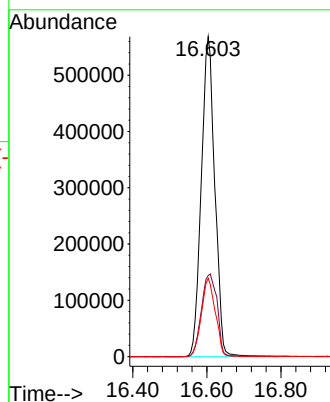
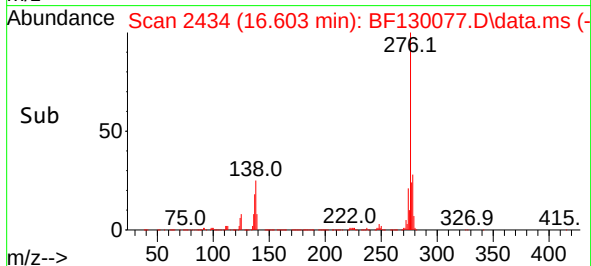
277 25.2 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#88

Benzo(b)fluoranthene

Concen: 45.313 ng

RT: 14.857 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

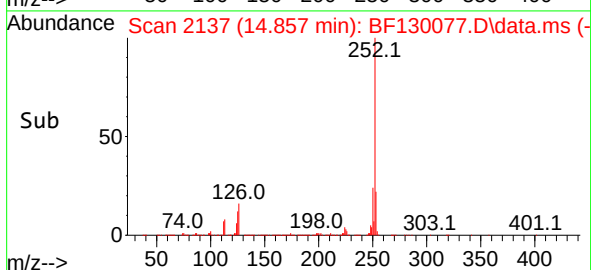
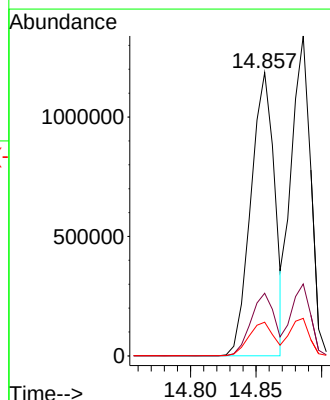
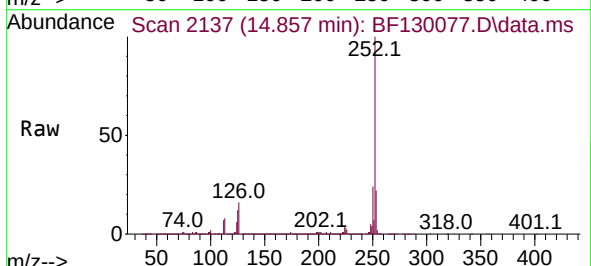
Tgt Ion:252 Resp: 1498546

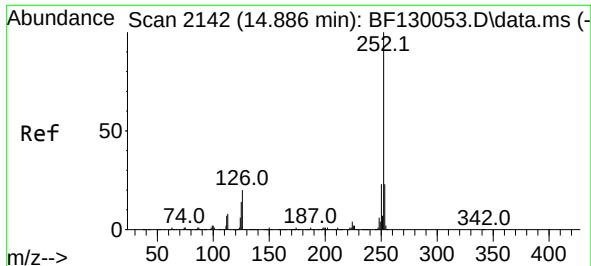
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.9 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 43.309 ng

RT: 14.886 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01MS

Tgt Ion:252 Resp: 1385230

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

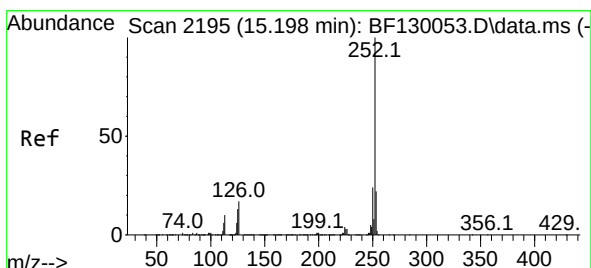
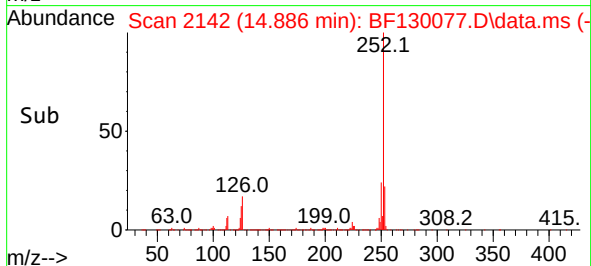
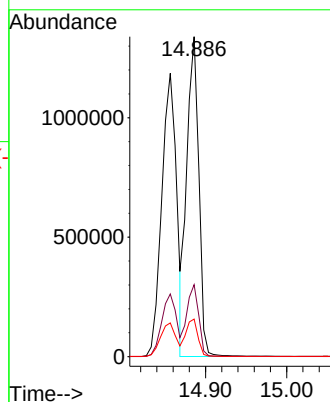
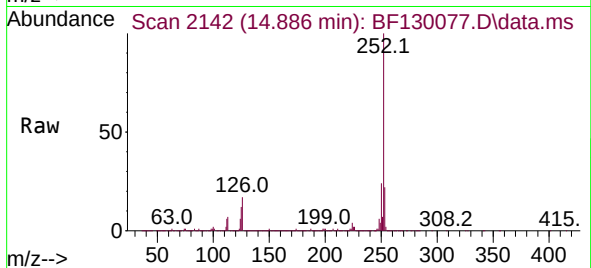
125 11.7 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/02/2022

Supervised By :Jagrut Upadhyay 09/02/2022



#90

Benzo(a)pyrene

Concen: 46.983 ng

RT: 15.198 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF130077.D

Acq: 01 Sep 2022 14:11

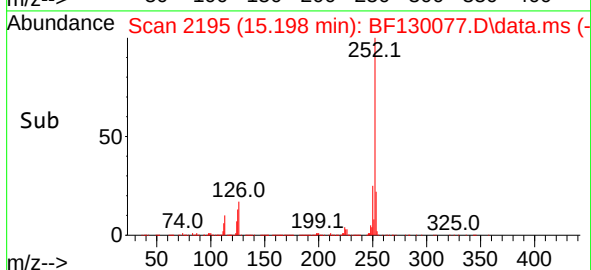
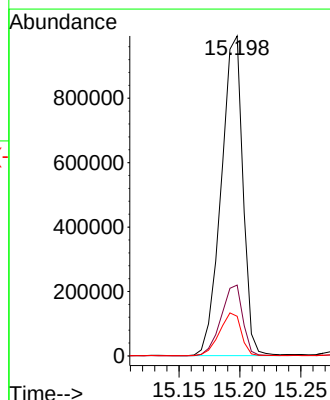
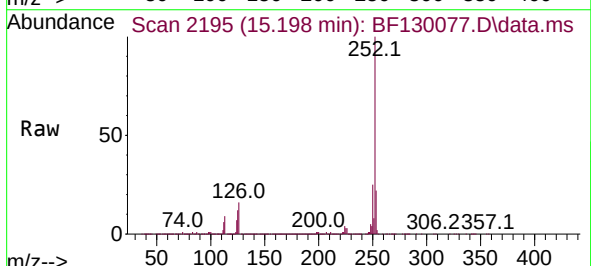
Tgt Ion:252 Resp: 1234668

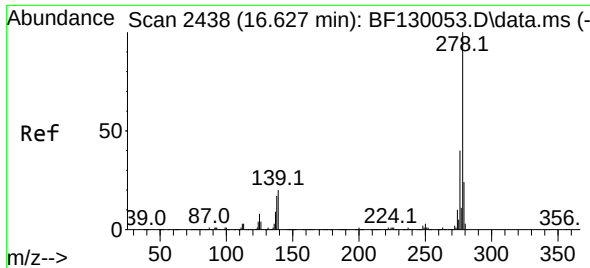
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

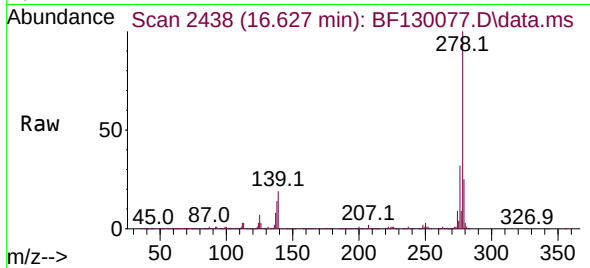
125 12.4 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 46.101 ng
RT: 16.627 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11

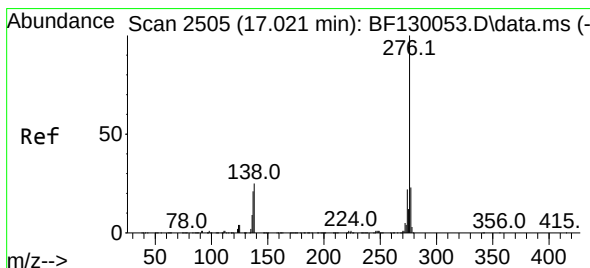
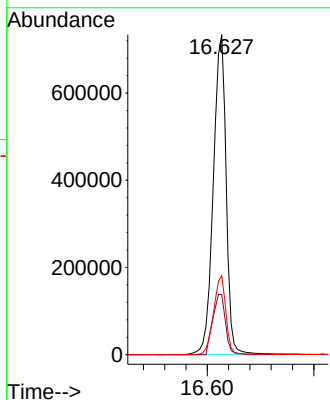
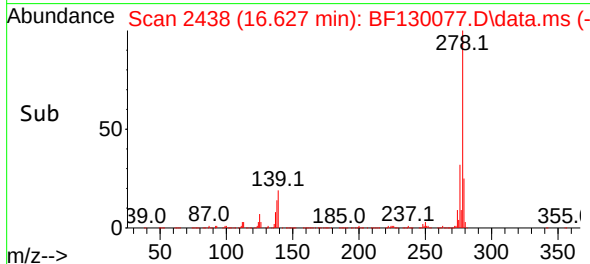
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01MS



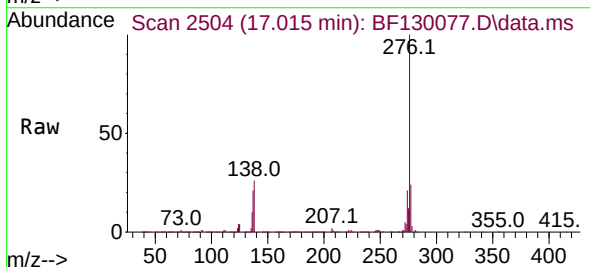
Tgt Ion:278 Resp: 1234038
Ion Ratio Lower Upper
278 100
139 18.7 12.2 18.4
279 24.7 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#92
Benzo(g,h,i)perylene
Concen: 46.676 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF130077.D
Acq: 01 Sep 2022 14:11



Tgt Ion:276 Resp: 1250062
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 25.8 15.8 23.8

