

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133390.D
 Acq On : 15 May 2023 18:52
 Operator : CG\JU
 Sample : 02774-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/16/2023

Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 03:13:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 11 16:40:17 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	188341	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	762814	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	389454	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	693250	20.000	ng	0.00
76) Chrysene-d12	13.880	240	372279	20.000	ng	0.00
86) Perylene-d12	15.298	264	445285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1260078	101.066	ng	0.00
7) Phenol-d6	6.369	99	1534271	99.144	ng	0.00
23) Nitrobenzene-d5	7.287	82	951161	67.304	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	425040	108.520	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1698957	72.983	ng	0.00
79) Terphenyl-d14	12.827	244	1792805	83.056	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	189502	32.768	ng	97
3) Pyridine	3.069	79	516114	33.602	ng	97
4) n-Nitrosodimethylamine	3.034	42	296969	37.327	ng	93
6) Aniline	6.381	93	784375	39.353	ng	# 32
8) 2-Chlorophenol	6.504	128	617940	48.815	ng	97
9) Benzaldehyde	6.263	77	346448	55.090	ng	98
10) Phenol	6.381	94	729731	42.744	ng	# 68
11) bis(2-Chloroethyl)ether	6.457	93	571386	44.601	ng	97
12) 1,3-Dichlorobenzene	6.657	146	617906	45.911	ng	99
13) 1,4-Dichlorobenzene	6.740	146	629749	46.687	ng	96
14) 1,2-Dichlorobenzene	6.887	146	608833	48.959	ng	97
15) Benzyl Alcohol	6.869	79	503844	47.133	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	911416	40.960	ng	93
17) 2-Methylphenol	6.987	107	497189	42.892	ng	97
18) Hexachloroethane	7.228	117	220316	46.980	ng	92
19) n-Nitroso-di-n-propyla...	7.140	70	390121	40.493	ng	97
20) 3+4-Methylphenols	7.140	107	615170	45.064	ng	# 85
22) Acetophenone	7.134	105	815771	46.166	ng	95
24) Nitrobenzene	7.304	77	616946	43.081	ng	99
25) Isophorone	7.545	82	1156701	43.109	ng	99
26) 2-Nitrophenol	7.622	139	348135	50.401	ng	96
27) 2,4-Dimethylphenol	7.669	122	542468	45.801	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	715074	45.048	ng	99
29) 2,4-Dichlorophenol	7.869	162	517899	48.033	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	521761	46.710	ng	99
31) Naphthalene	8.028	128	1703941	44.678	ng	99
32) Benzoic acid	7.804	122	290324	39.684	ng	95
33) 4-Chloroaniline	8.081	127	604255	39.213	ng	98
34) Hexachlorobutadiene	8.145	225	278258	44.945	ng	98
35) Caprolactam	8.457	113	183885m	50.767	ng	
36) 4-Chloro-3-methylphenol	8.569	107	545668	46.931	ng	96
37) 2-Methylnaphthalene	8.716	142	1139806	43.714	ng	99
38) 1-Methylnaphthalene	8.816	142	1060009	43.457	ng	99
40) 1,2,4,5-Tetrachloroben...	8.887	216	480621	45.899	ng	99
41) Hexachlorocyclopentadiene	8.875	237	454791	74.472	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	342809	47.339	ng	98

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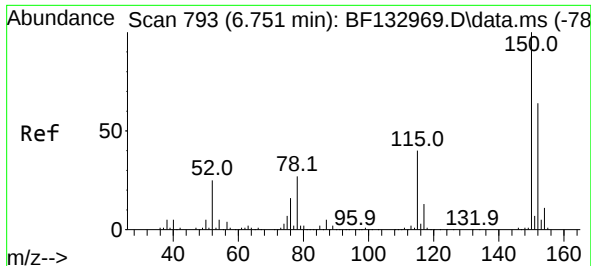
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 03:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

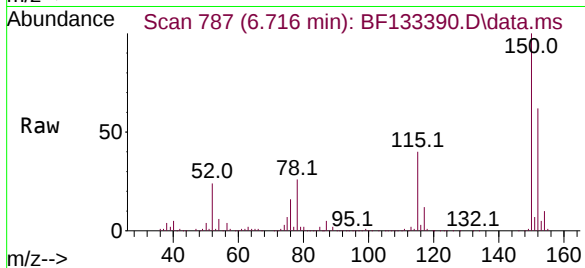
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	370242	44.207	ng	96
46) 1,1'-Biphenyl	9.181	154	1432331	46.381	ng	100
47) 2-Chloronaphthalene	9.204	162	1068279	47.262	ng	98
48) 2-Nitroaniline	9.304	65	344679	46.139	ng	96
49) Acenaphthylene	9.622	152	1640054	45.409	ng	99
50) Dimethylphthalate	9.486	163	1276940	47.023	ng	99
51) 2,6-Dinitrotoluene	9.545	165	294679	48.213	ng	99
52) Acenaphthene	9.792	154	1181751m	48.854	ng	
53) 3-Nitroaniline	9.716	138	287498	39.560	ng	99
54) 2,4-Dinitrophenol	9.828	184	276941	90.143	ng	98
55) Dibenzofuran	9.963	168	1492364	45.228	ng	98
56) 4-Nitrophenol	9.892	139	473771	84.170	ng	92
57) 2,4-Dinitrotoluene	9.951	165	376828	48.345	ng	98
58) Fluorene	10.310	166	1109999	45.916	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	303067	46.676	ng	97
60) Diethylphthalate	10.186	149	1188287	46.326	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	538155	45.681	ng	96
62) 4-Nitroaniline	10.334	138	331804	49.675	ng	99
63) Azobenzene	10.457	77	1240769	45.663	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	215407	51.264	ng	84
66) n-Nitrosodiphenylamine	10.422	169	1017663	45.255	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	339918	45.210	ng	96
68) Hexachlorobenzene	10.857	284	373602	48.493	ng	99
69) Atrazine	10.951	200	347439	53.621	ng	97
70) Pentachlorophenol	11.051	266	377915	68.875	ng	99
71) Phenanthrene	11.269	178	1662598	44.621	ng	100
72) Anthracene	11.322	178	1735609	45.516	ng	100
73) Carbazole	11.475	167	1562446	46.017	ng	100
74) Di-n-butylphthalate	11.804	149	1847521	48.083	ng	100
75) Fluoranthene	12.451	202	1609817	43.049	ng	99
77) Benzidine	12.575	184	796039	126.447	ng	# 93
78) Pyrene	12.680	202	1632218	51.146	ng	100
80) Butylbenzylphthalate	13.304	149	637650	56.432	ng	97
81) Benzo(a)anthracene	13.869	228	1148630	44.868	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	358705	50.721	ng	99
83) Chrysene	13.904	228	1162112	45.405	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	741713	52.296	ng	99
85) Di-n-octyl phthalate	14.474	149	1275213	55.142	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1536881	60.677	ng	99
88) Benzo(b)fluoranthene	14.898	252	1249664	44.113	ng	100
89) Benzo(k)fluoranthene	14.927	252	1141001	40.631	ng	99
90) Benzo(a)pyrene	15.245	252	1109644	43.035	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	1271479	60.187	ng	99
92) Benzo(g,h,i)perylene	17.110	276	1312504	62.931	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

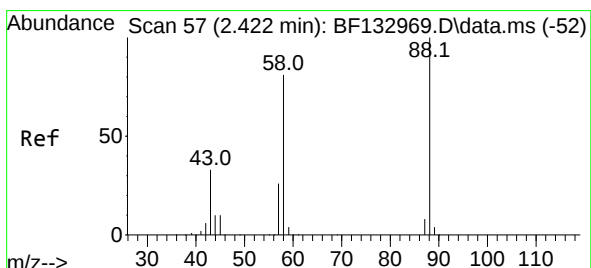
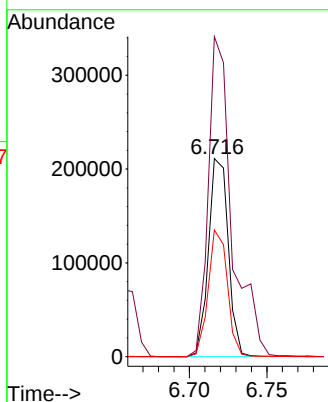
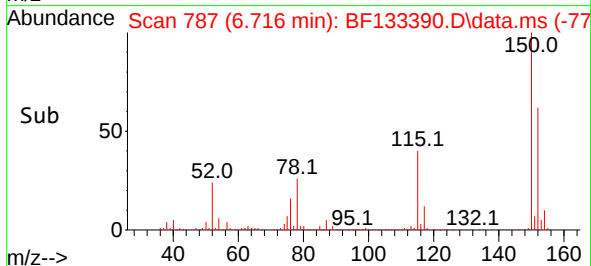
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:152 Resp: 18834
Ion Ratio Lower Upper
152 100
150 161.6 124.8 187.2
115 64.0 49.9 74.9

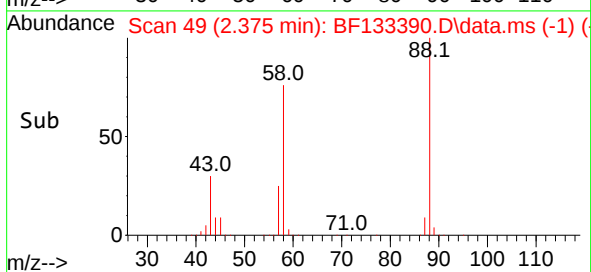
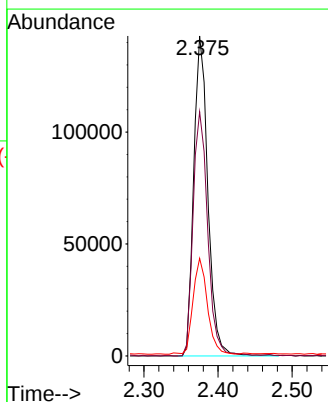
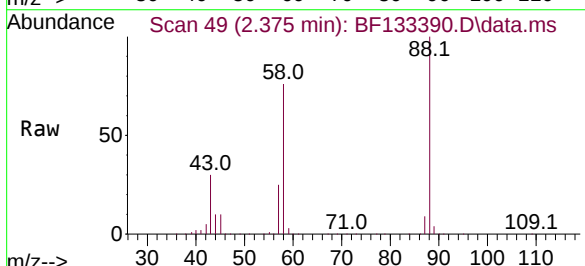
Manual Integrations
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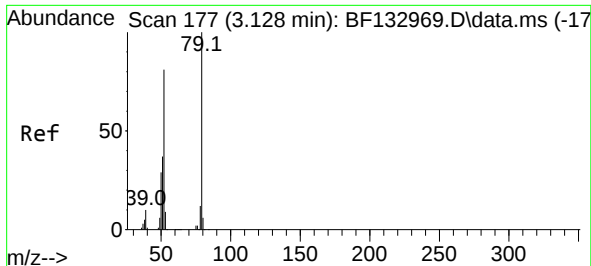
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 32.768 ng
RT: 2.375 min Scan# 49
Delta R.T. 0.012 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

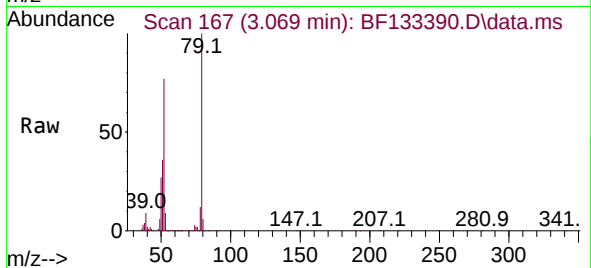
Tgt Ion: 88 Resp: 189502
Ion Ratio Lower Upper
88 100
58 79.1 64.7 97.1
43 30.3 26.2 39.2





#3
Pyridine
Concen: 33.602 ng
RT: 3.069 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

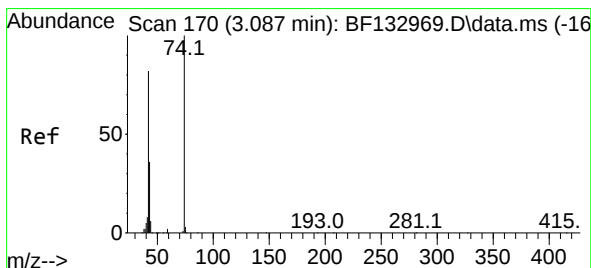
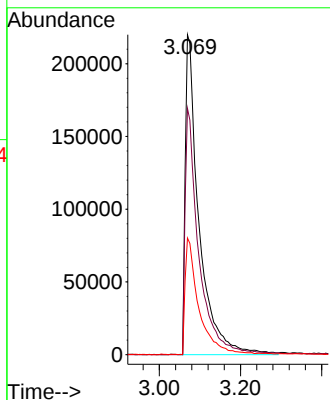
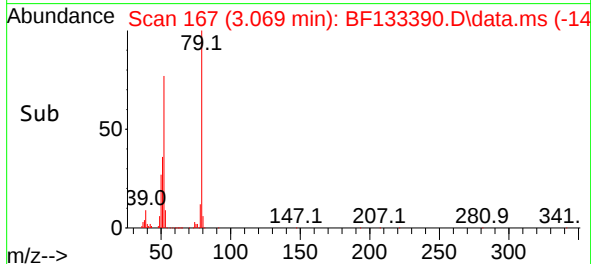
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



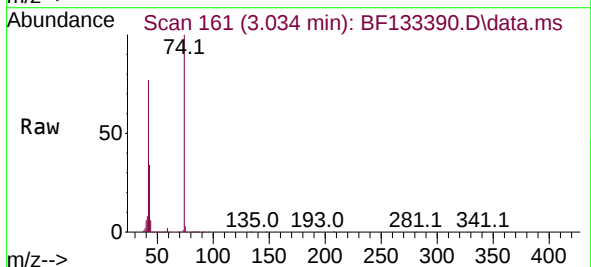
Tgt Ion: 79 Resp: 516114
Ion Ratio Lower Upper
79 100
52 76.9 64.6 96.8
51 36.5 30.0 45.0

Manual Integrations
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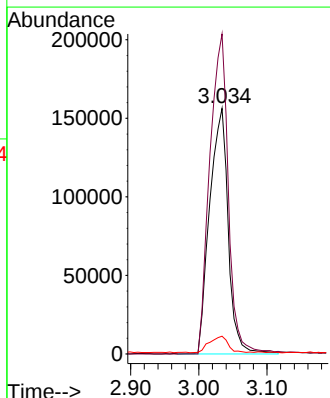
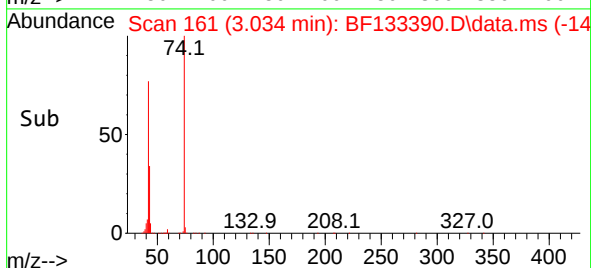
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

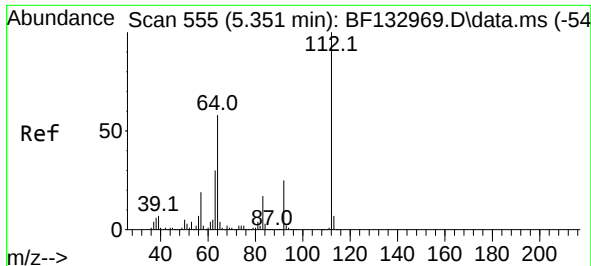


#4
n-Nitrosodimethylamine
Concen: 37.327 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.012 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



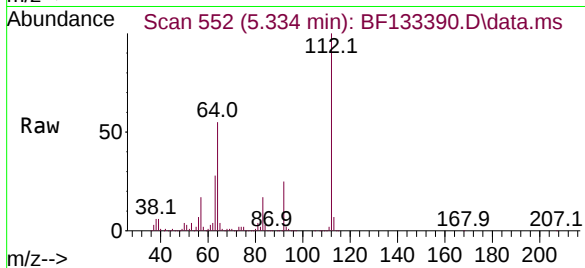
Tgt Ion: 42 Resp: 296969
Ion Ratio Lower Upper
42 100
74 130.3 98.0 147.0
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 101.066 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

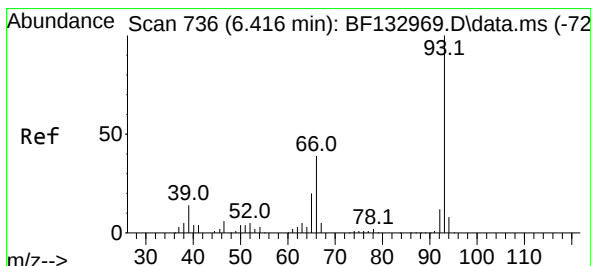
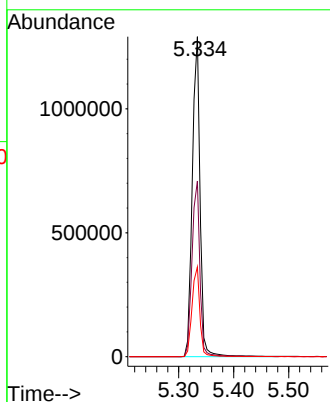
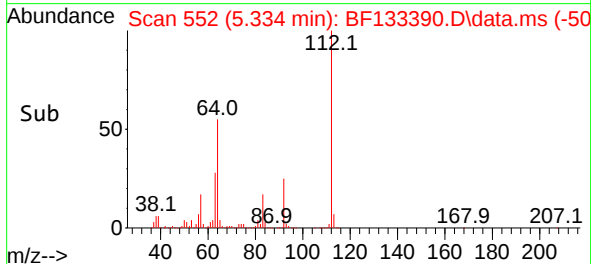
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:112 Resp: 1260078
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.0 23.8 35.8

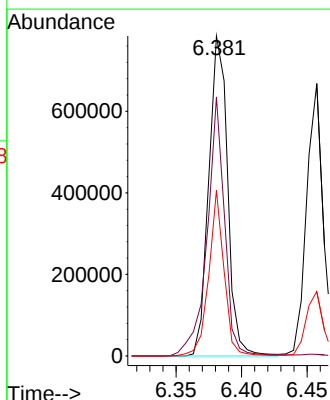
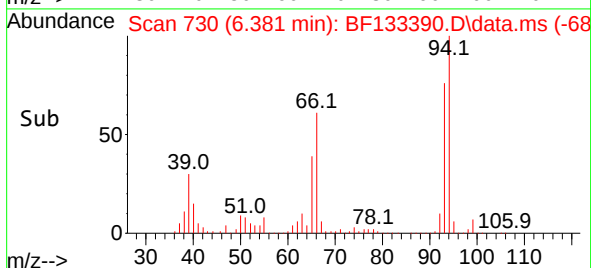
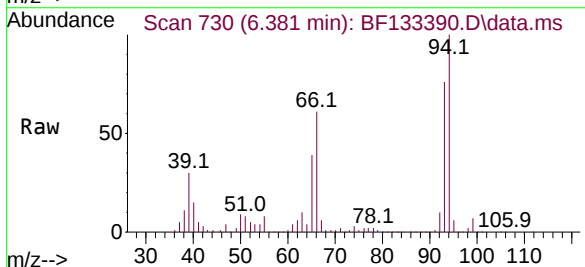
Manual Integrations
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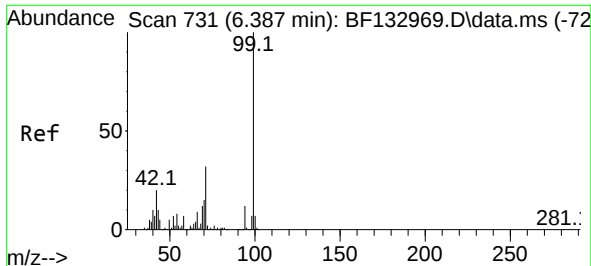
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 39.353 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion: 93 Resp: 784375
Ion Ratio Lower Upper
93 100
66 81.0 31.5 47.3#
65 51.8 16.4 24.6#





#7

Phenol-d6

Concen: 99.144 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion: 99 Resp: 153427

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

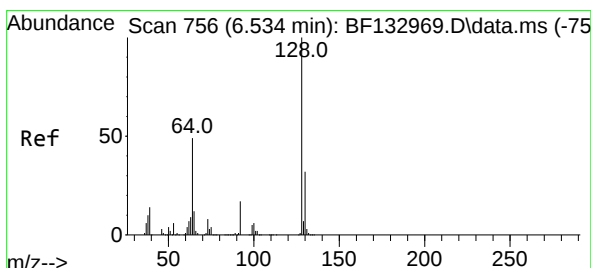
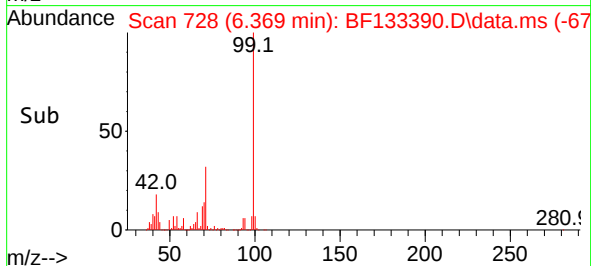
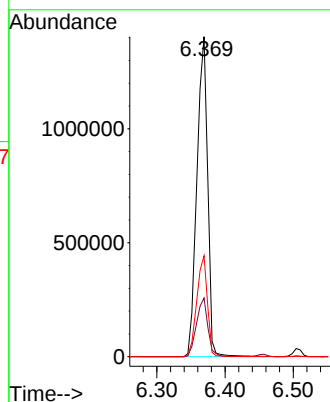
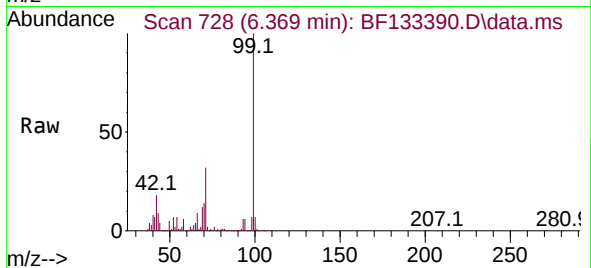
71 31.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#8

2-Chlorophenol

Concen: 48.815 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

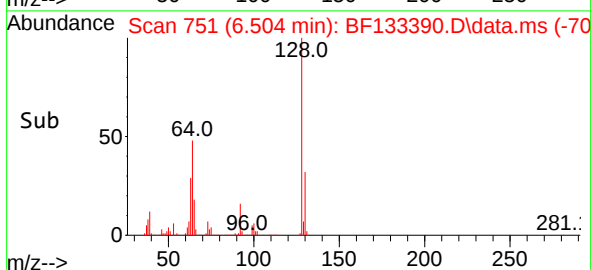
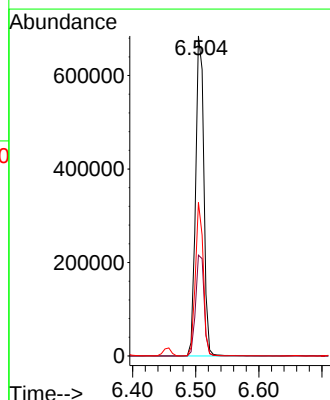
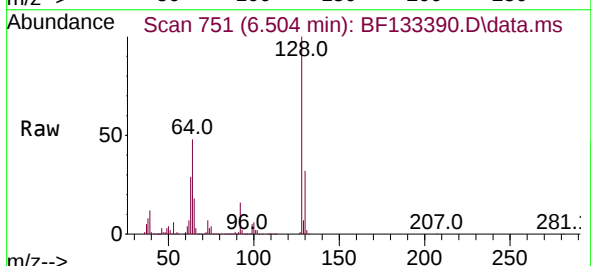
Tgt Ion:128 Resp: 617940

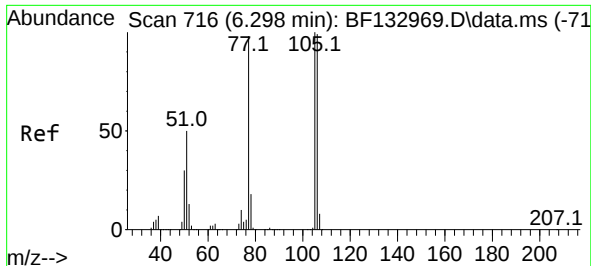
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

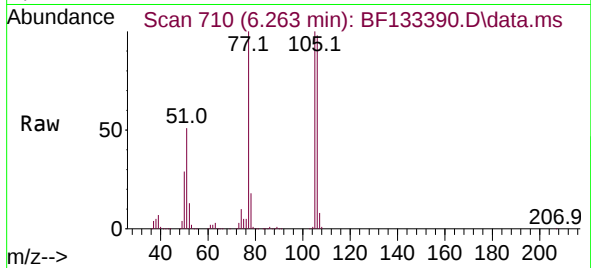
64 48.0 30.3 70.3





#9
Benzaldehyde
Concen: 55.090 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

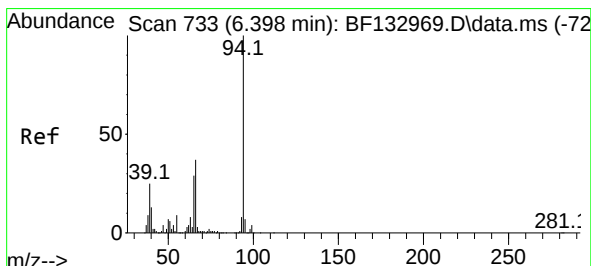
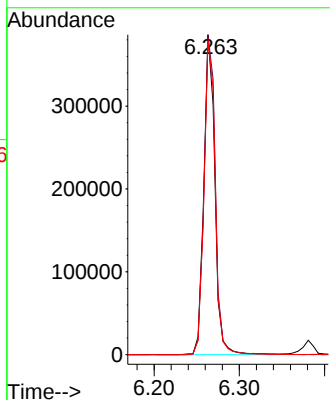
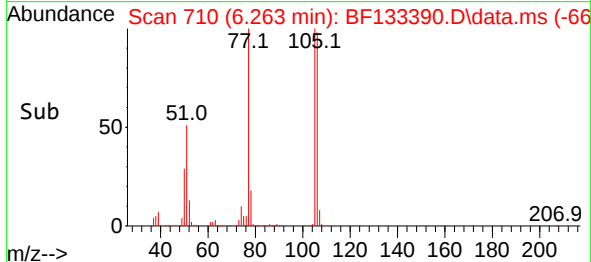
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



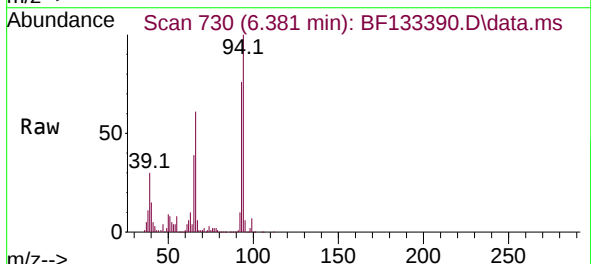
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Ion Ratio Lower Upper
77 100
105 100.0 82.3 122.3
106 98.1 80.8 120.8

Manual Integrations
APPROVED

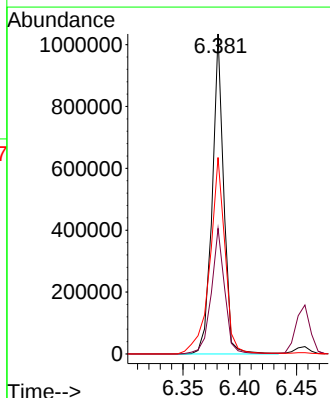
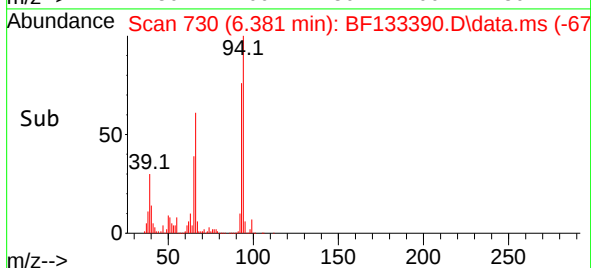
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

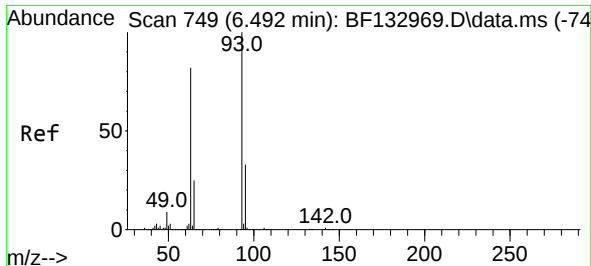


#10
Phenol
Concen: 42.744 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



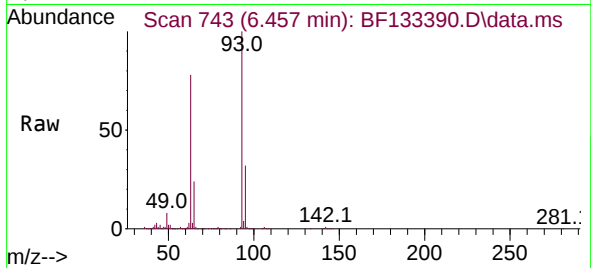
Tgt Ion: 94 Resp: 729731
Ion Ratio Lower Upper
94 100
65 39.3 8.6 48.6
66 61.4 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 44.601 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

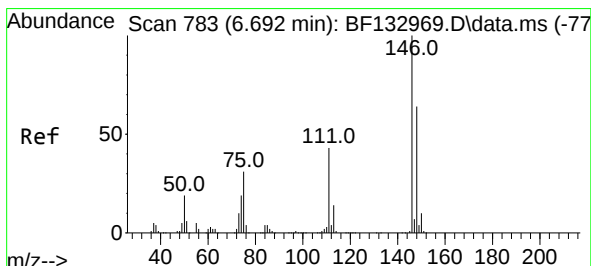
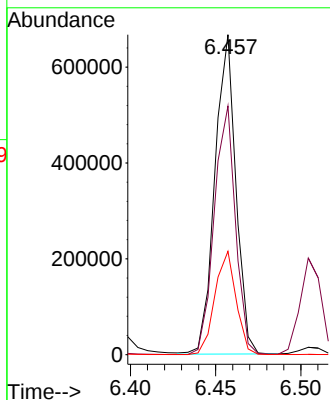
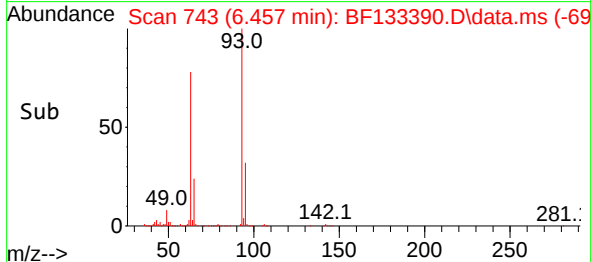
Instrument :
BNA_F
Client Sample Id :
WC-N-1MSD



Tgt Ion: 93 Resp: 571380
Ion Ratio Lower Upper
93 100
63 77.7 60.6 100.6
95 32.3 12.9 52.9

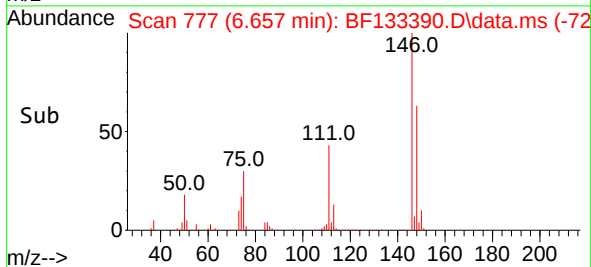
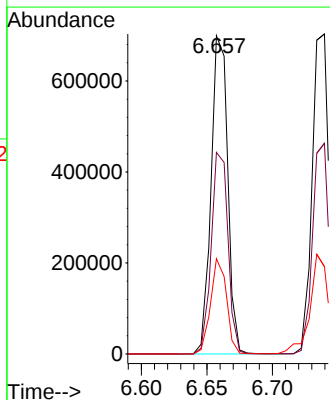
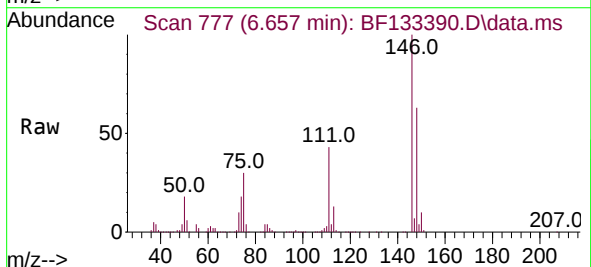
Manual Integrations
APPROVED

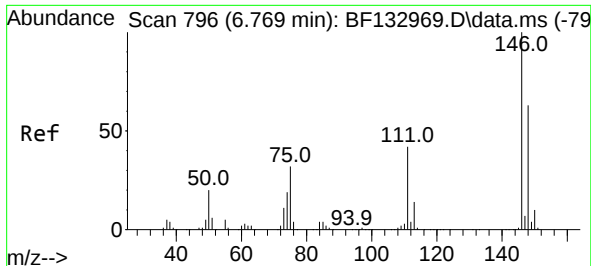
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 45.911 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:146 Resp: 617906
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 29.9 24.8 37.2





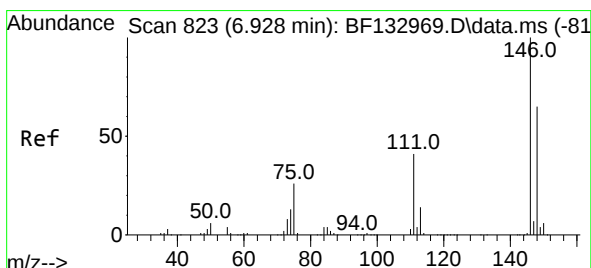
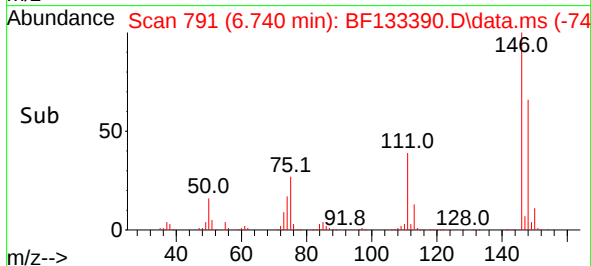
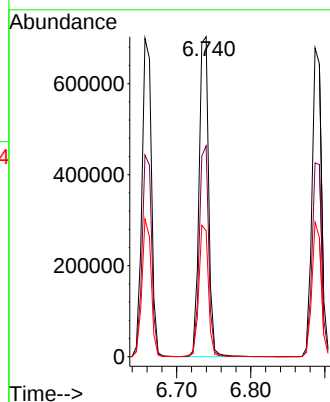
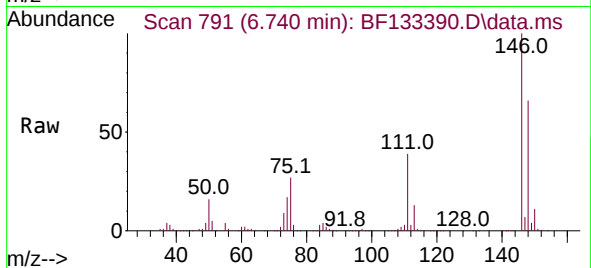
#13
1,4-Dichlorobenzene
Concen: 46.687 ng
RT: 6.740 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:146 Resp: 629749
Ion Ratio Lower Upper
146 100
148 65.9 50.3 75.5
111 39.4 33.8 50.6

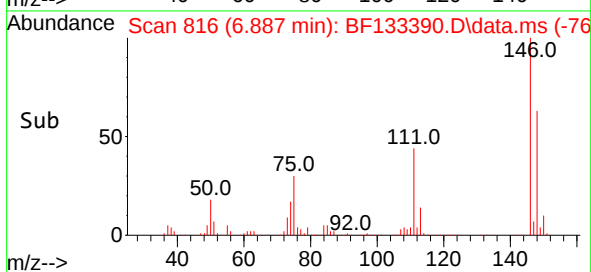
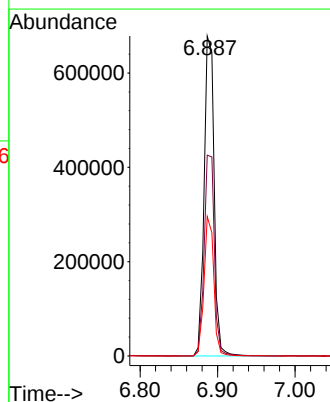
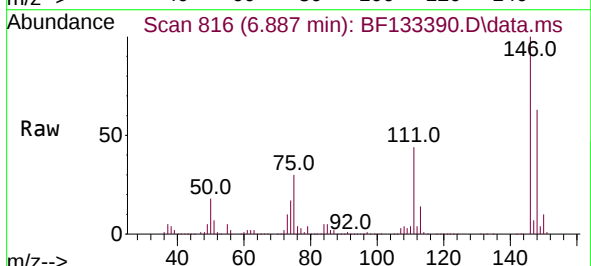
Manual Integrations
APPROVED

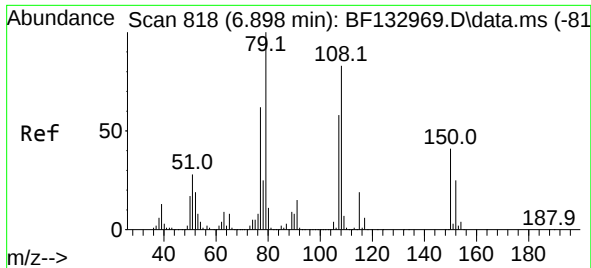
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#14
1,2-Dichlorobenzene
Concen: 48.959 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

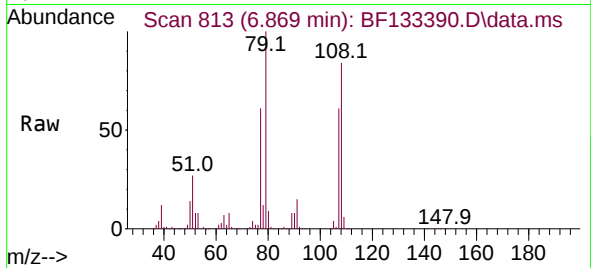
Tgt Ion:146 Resp: 608833
Ion Ratio Lower Upper
146 100
148 62.8 52.2 78.2
111 43.6 32.8 49.2





#15
Benzyl Alcohol
Concen: 47.133 ng
RT: 6.869 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

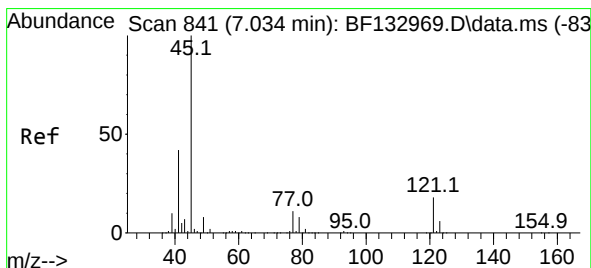
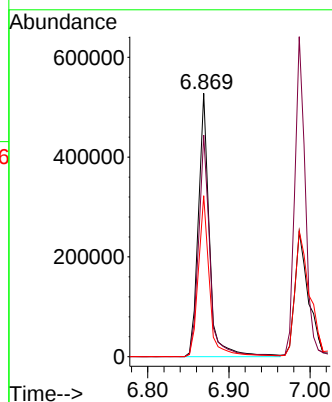
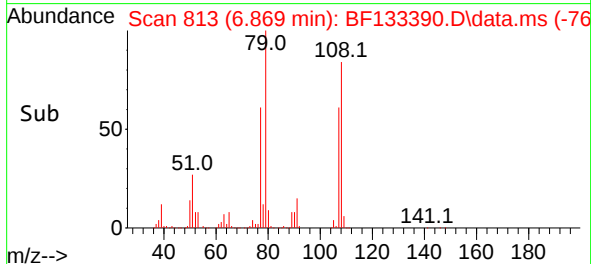
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion: 79 Resp: 503844
Ion Ratio Lower Upper
79 100
108 84.2 66.6 99.8
77 61.1 49.2 73.8

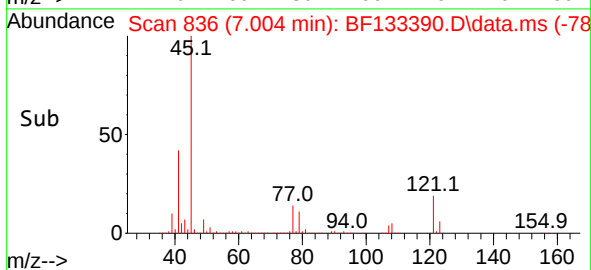
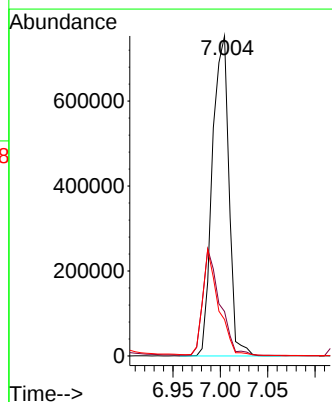
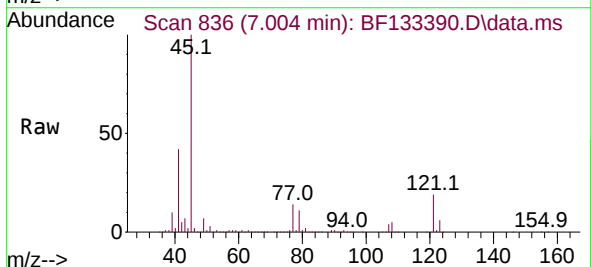
Manual Integrations
APPROVED

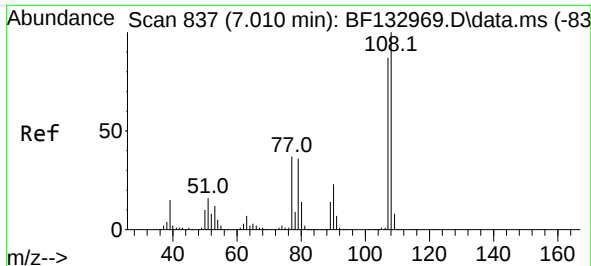
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.960 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

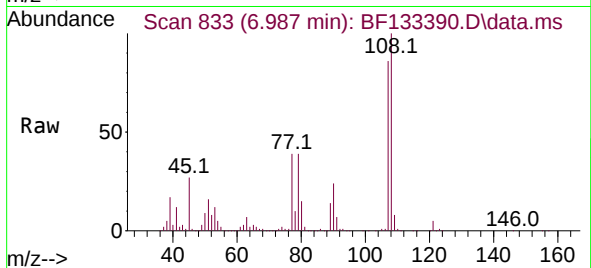
Tgt Ion: 45 Resp: 911416
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.5
79 11.4 0.0 28.7





#17
2-Methylphenol
Concen: 42.892 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

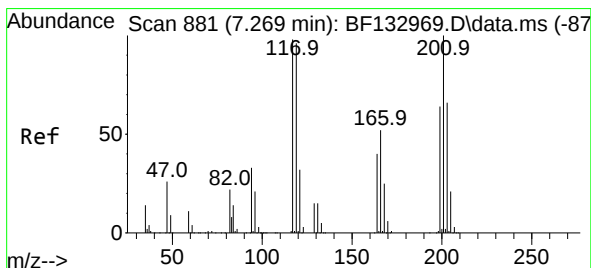
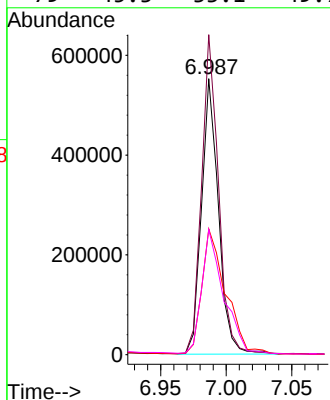
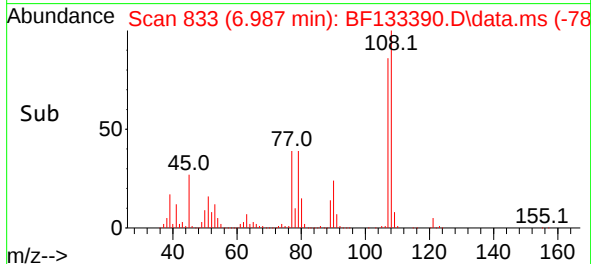
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:107 Resp: 497189
Ion Ratio Lower Upper
107 100
108 116.0 92.4 138.6
77 45.6 33.8 50.8
79 45.3 33.1 49.7

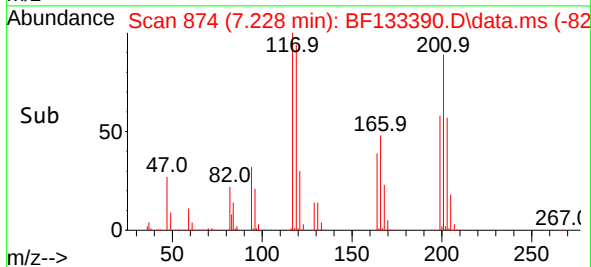
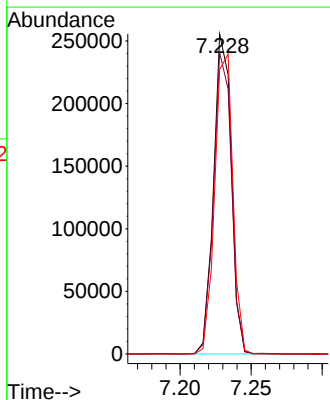
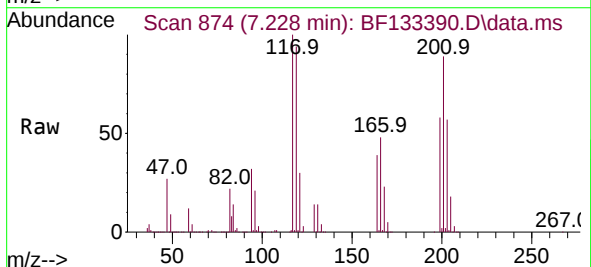
Manual Integrations
APPROVED

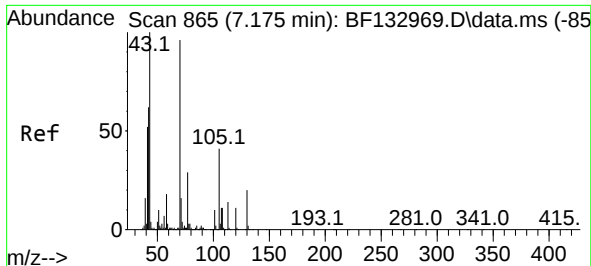
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#18
Hexachloroethane
Concen: 46.980 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

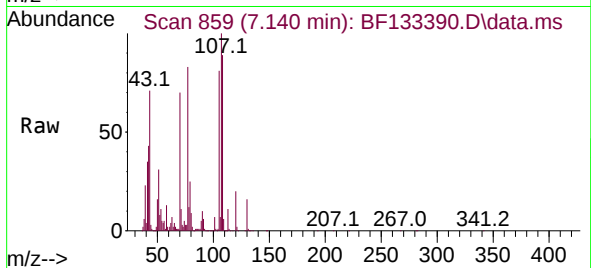
Tgt Ion:117 Resp: 220316
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.4
201 88.9 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.493 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

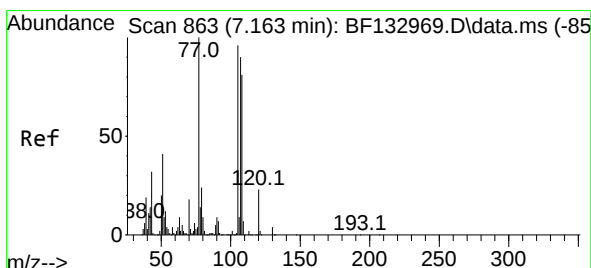
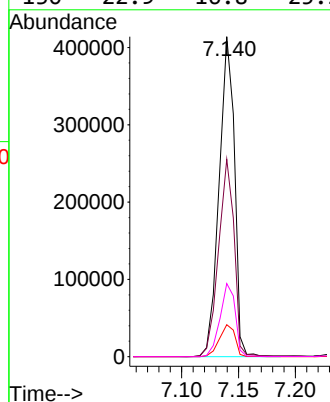
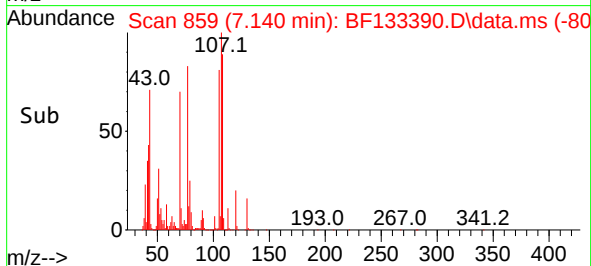
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion: 70 Resp: 39012
Ion Ratio Lower Upper
70 100
42 61.7 51.8 77.6
101 10.0 8.0 12.0
130 22.9 16.8 25.2

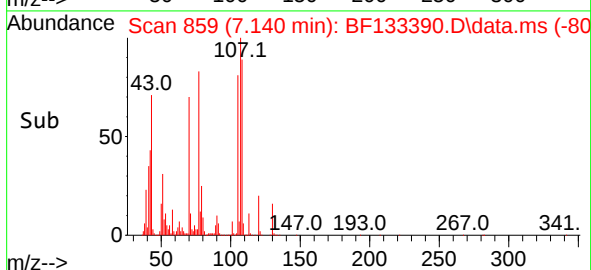
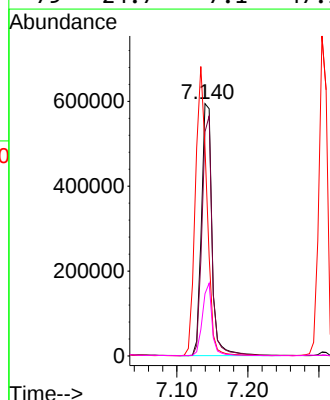
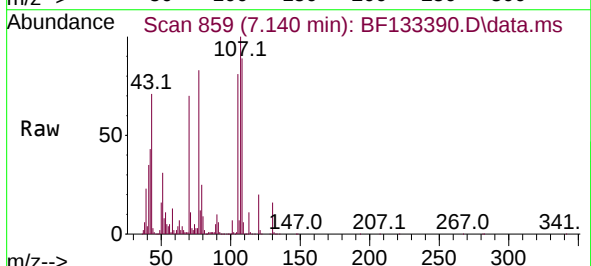
Manual Integrations
APPROVED

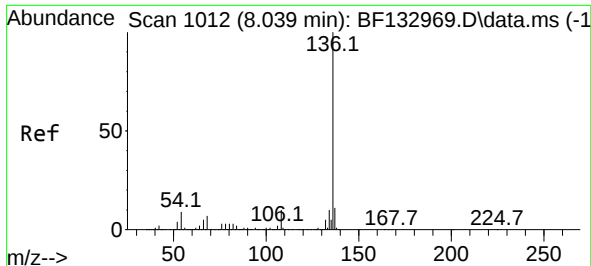
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#20
3+4-Methylphenols
Concen: 45.064 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:107 Resp: 615170
Ion Ratio Lower Upper
107 100
108 88.8 70.5 110.5
77 82.5 91.7 131.7#
79 24.7 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

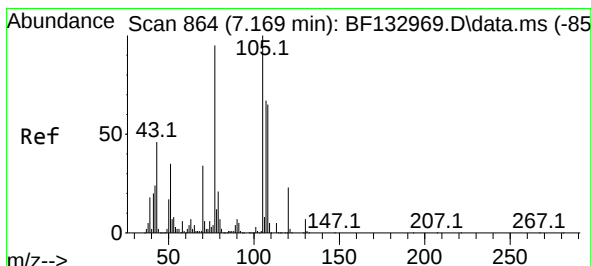
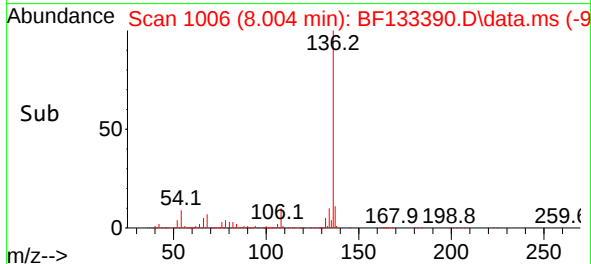
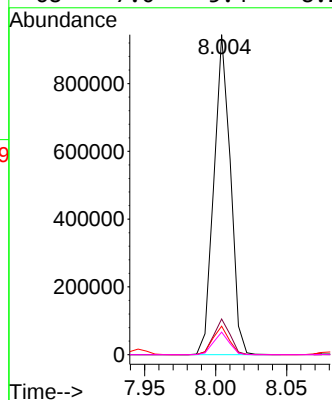
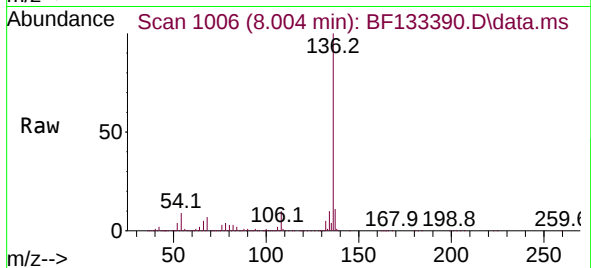
WC-N-1MSD

Tgt Ion:136 Resp: 762814
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.0 10.4
68 7.0 5.4 8.2

Manual Integrations

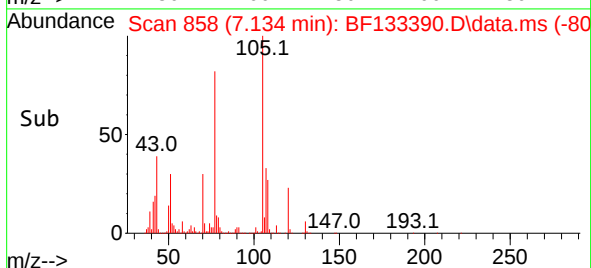
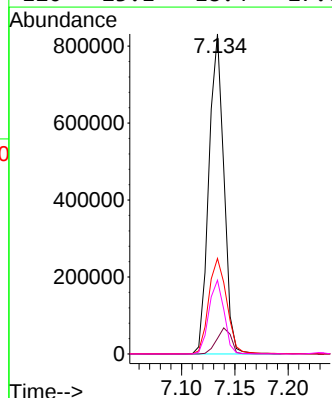
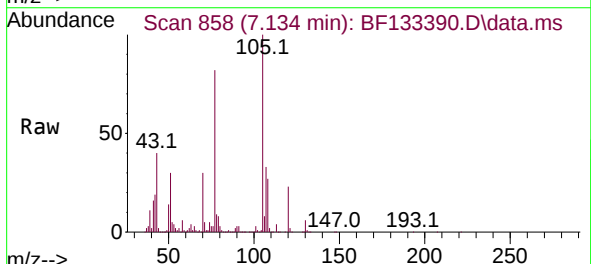
APPROVED

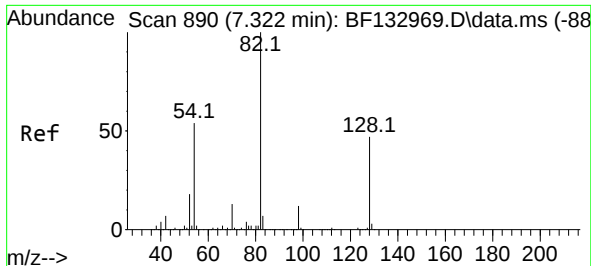
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 46.166 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:105 Resp: 815771
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 29.9 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 67.304 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion: 82 Resp: 95116

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

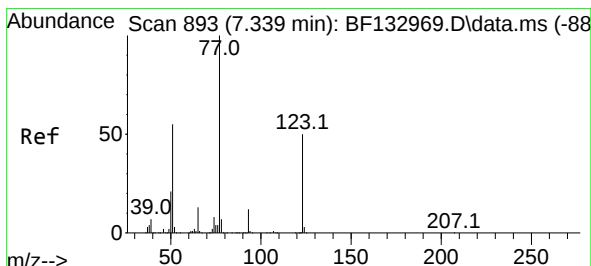
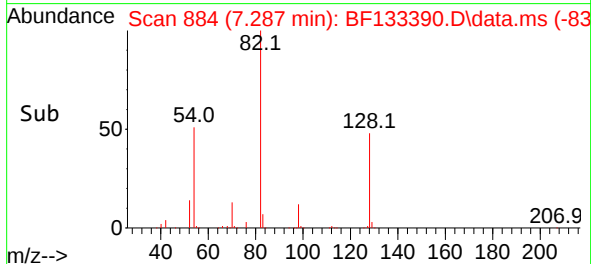
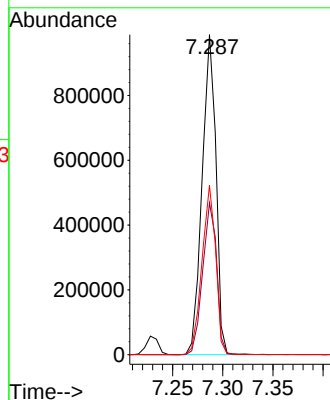
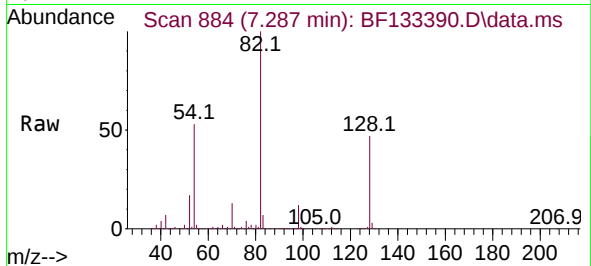
54 52.9 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#24

Nitrobenzene

Concen: 43.081 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

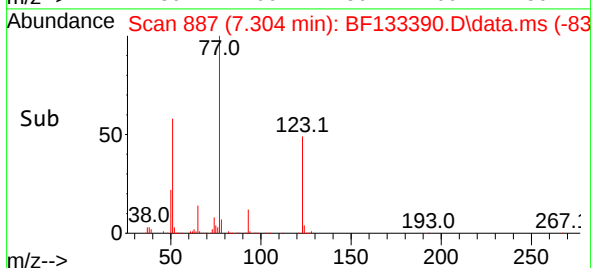
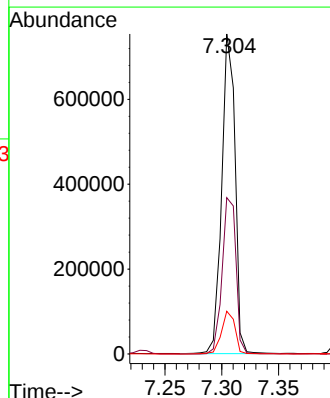
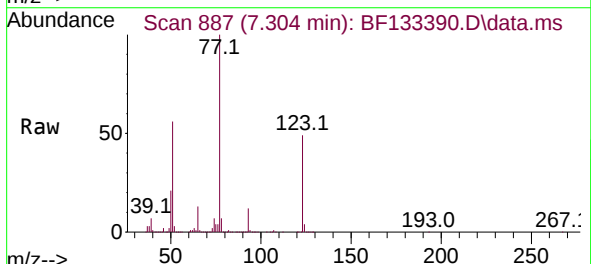
Tgt Ion: 77 Resp: 616946

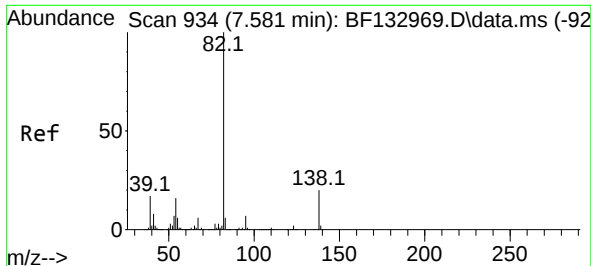
Ion Ratio Lower Upper

77 100

123 48.8 39.9 59.9

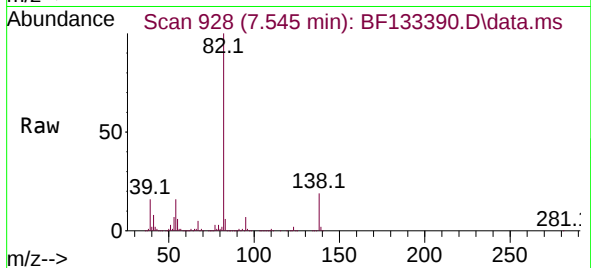
65 13.4 10.7 16.1





#25
Isophorone
Concen: 43.109 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

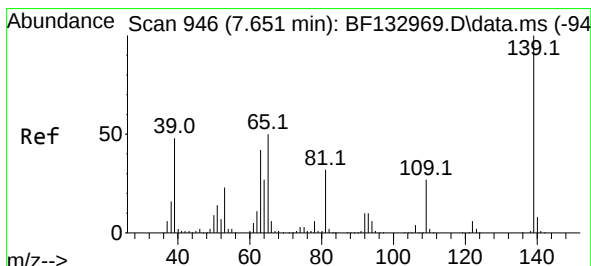
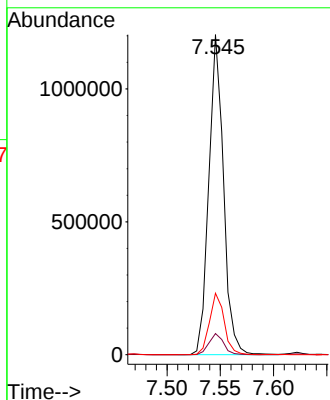
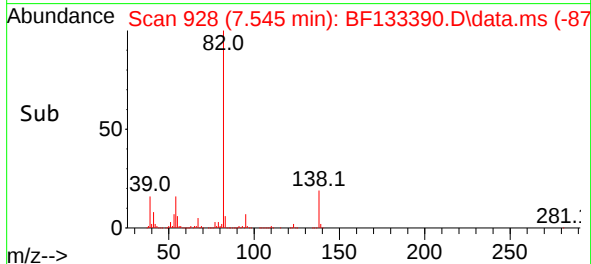
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



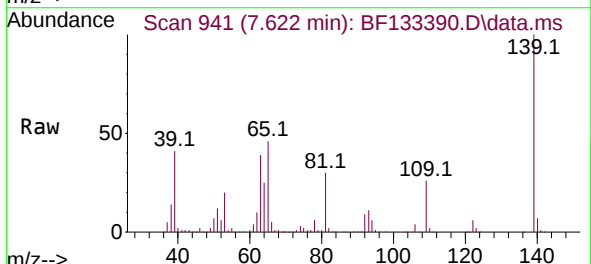
Tgt Ion: 82 Resp: 115670
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 16.0 24.0

Manual Integrations
APPROVED

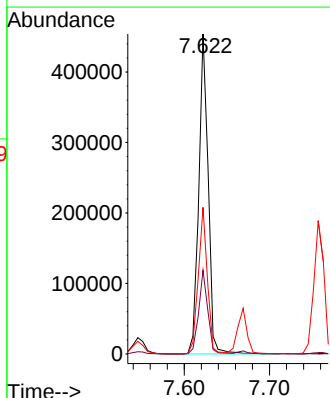
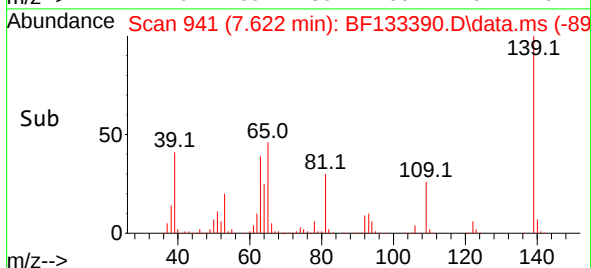
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

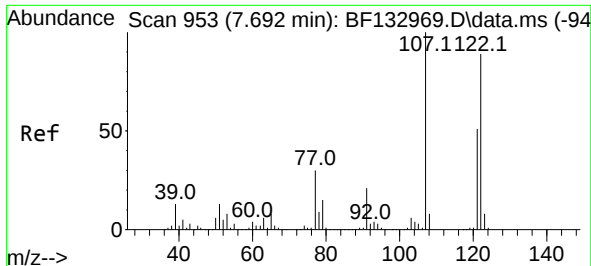


#26
2-Nitrophenol
Concen: 50.401 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



Tgt Ion:139 Resp: 348135
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 45.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.801 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:122 Resp: 542468

Ion Ratio Lower Upper

122 100

107 110.7 89.7 134.5

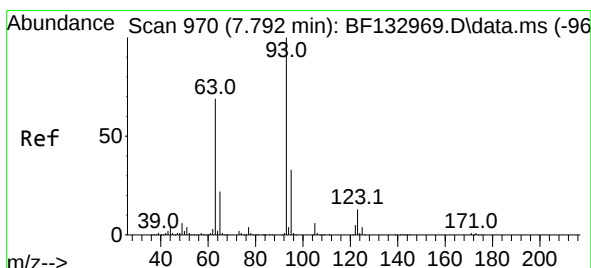
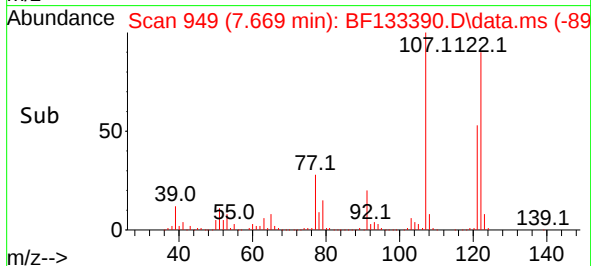
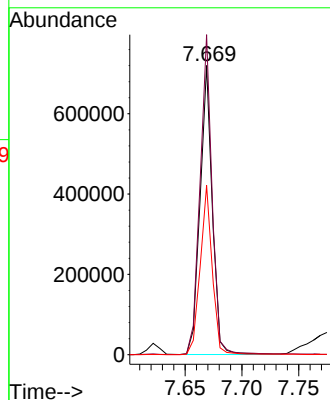
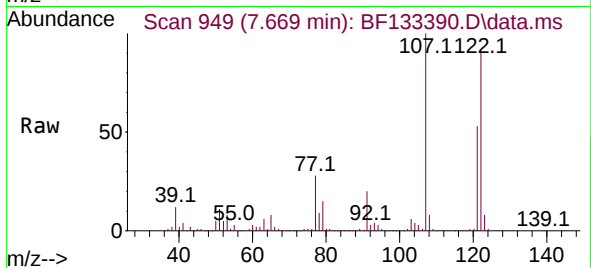
121 58.6 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.048 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

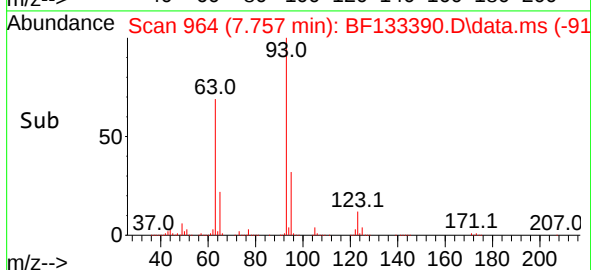
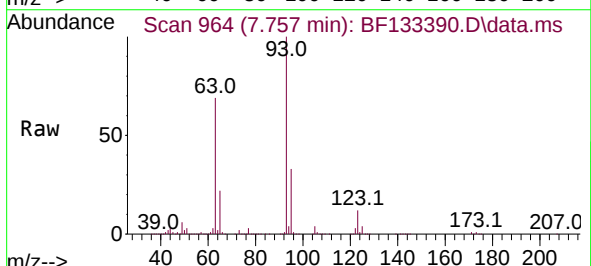
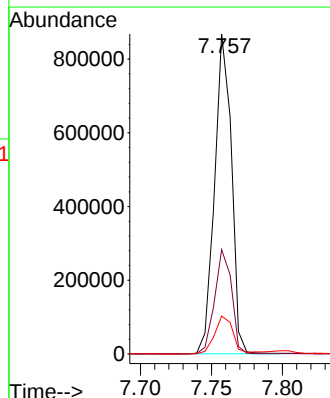
Tgt Ion: 93 Resp: 715074

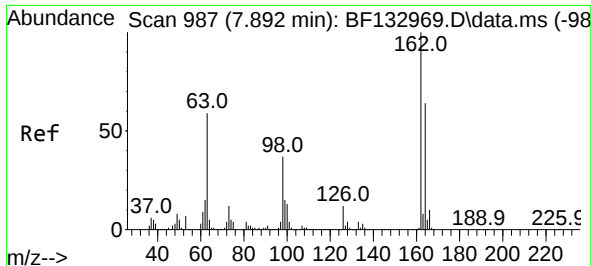
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.033 ng

RT: 7.869 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

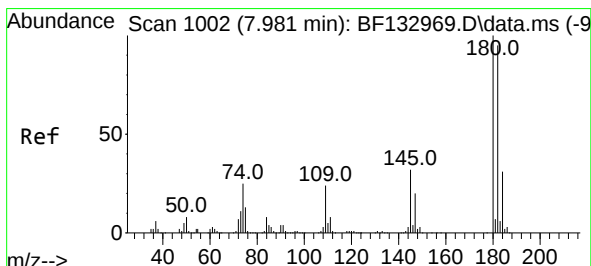
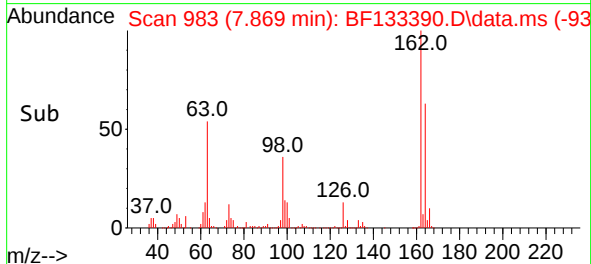
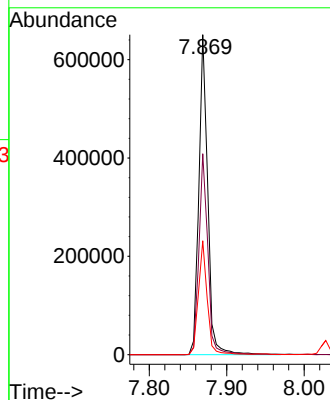
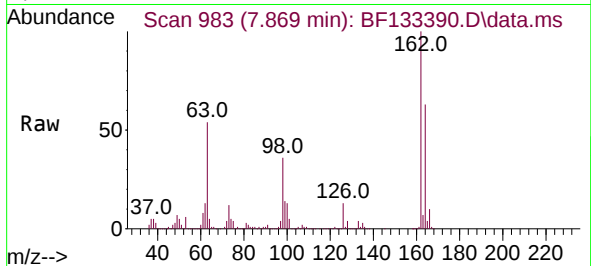
WC-N-1MSD

Tgt Ion:162 Resp: 51789
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.9 83.9
 98 35.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023
 Supervised By :Yogesh Patel 05/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.710 ng

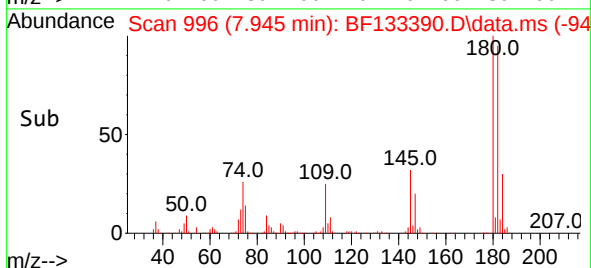
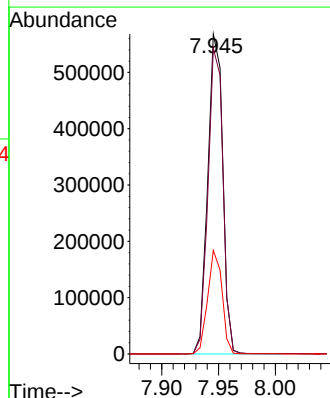
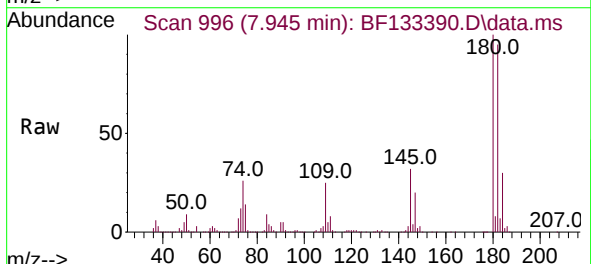
RT: 7.945 min Scan# 996

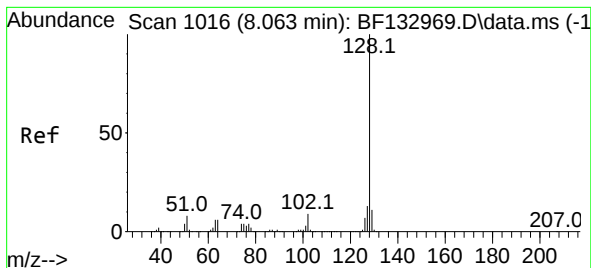
Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

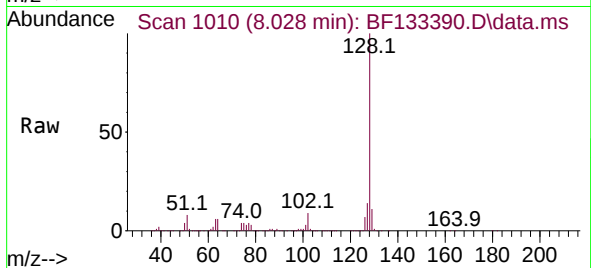
Tgt Ion:180 Resp: 521761
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.9 113.9
 145 32.4 25.3 37.9





#31
Naphthalene
Concen: 44.678 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

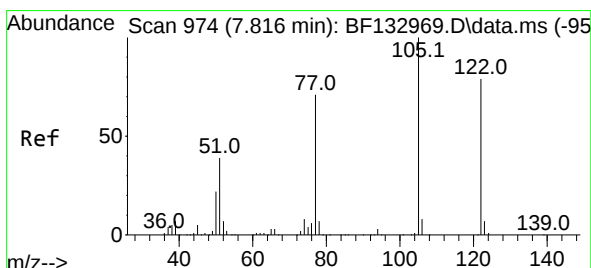
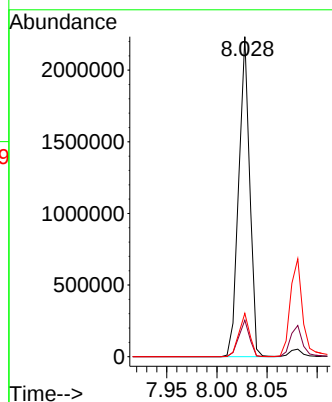
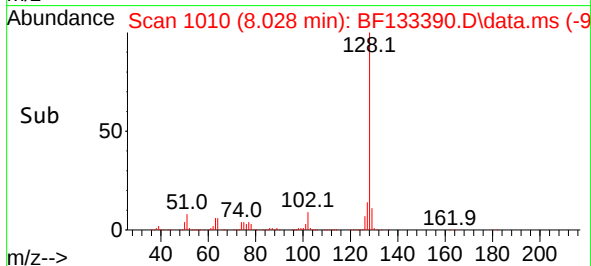
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:128 Resp: 170394
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.7 16.1

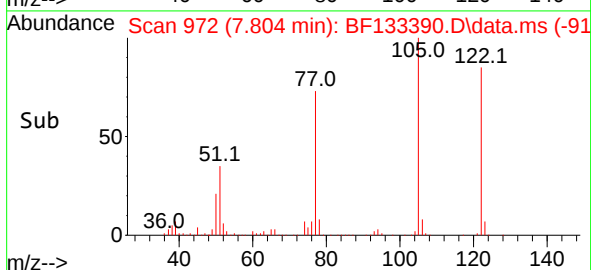
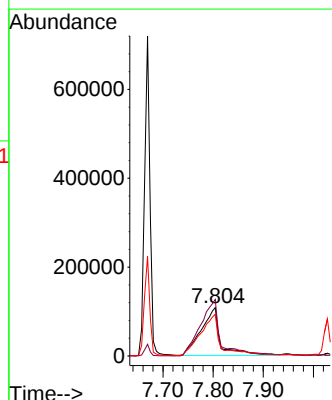
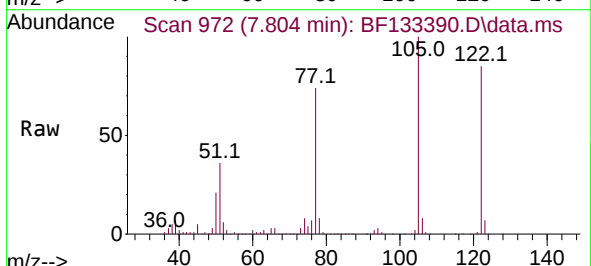
Manual Integrations
APPROVED

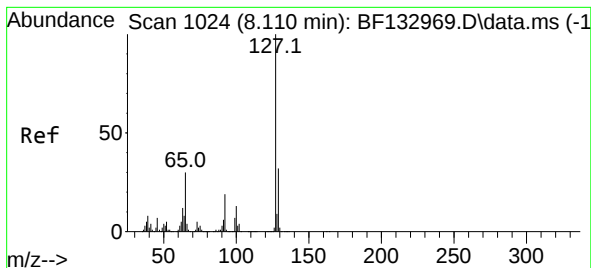
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 39.684 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.012 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:122 Resp: 290324
Ion Ratio Lower Upper
122 100
105 117.0 104.2 144.2
77 86.2 69.7 109.7





#33

4-Chloroaniline

Concen: 39.213 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

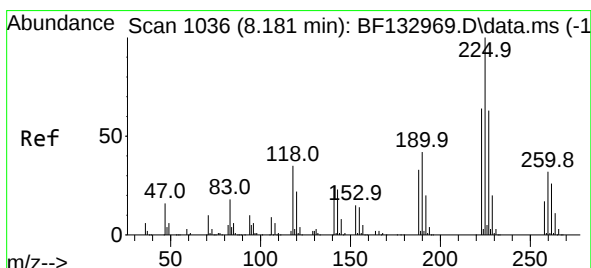
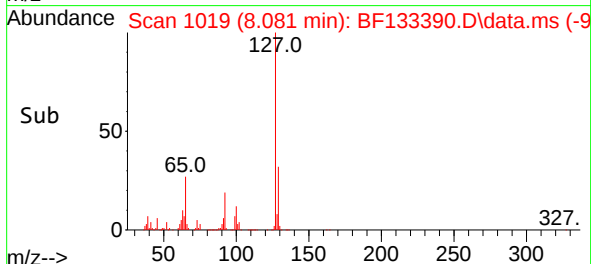
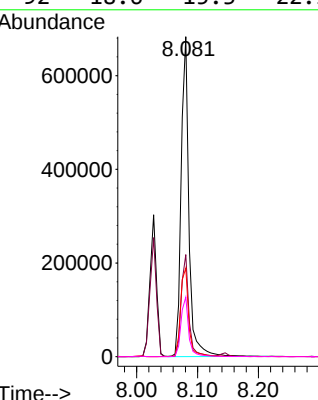
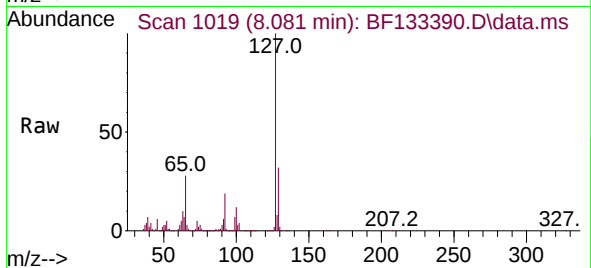
WC-N-1MSD

Tgt Ion:	127	Resp:	60425
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.8	38.8
65	27.6	23.6	35.4
92	18.6	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#34

Hexachlorobutadiene

Concen: 44.945 ng

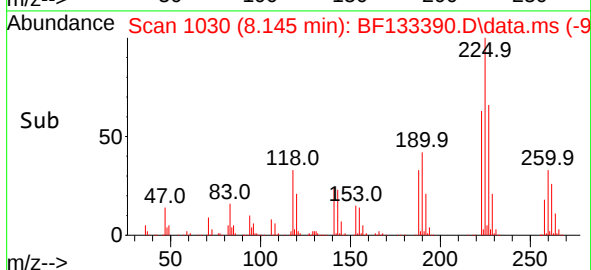
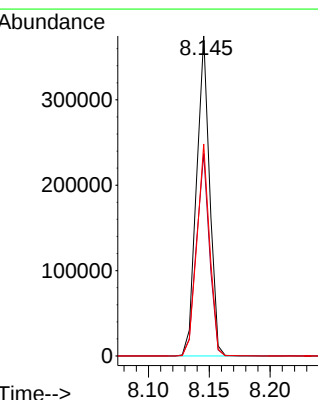
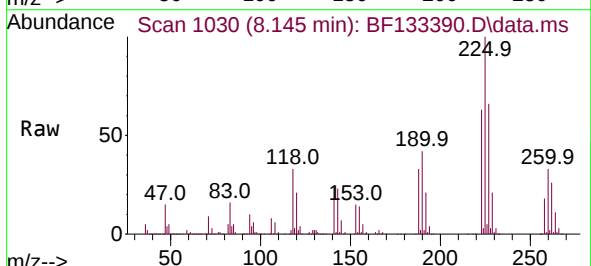
RT: 8.145 min Scan# 1030

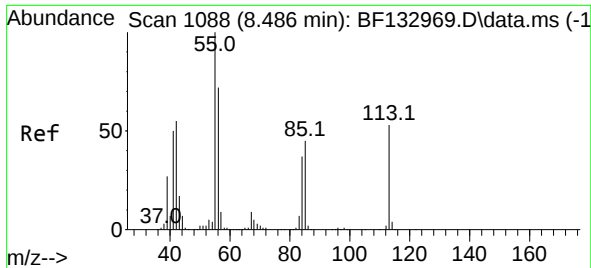
Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

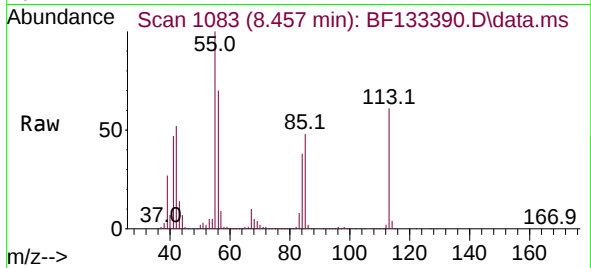
Tgt Ion:	225	Resp:	278258
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.9	76.3
227	66.2	50.3	75.5





#35
 Caprolactam
 Concen: 50.767 ng m
 RT: 8.457 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: BF133390.D
 Acq: 15 May 2023 18:52

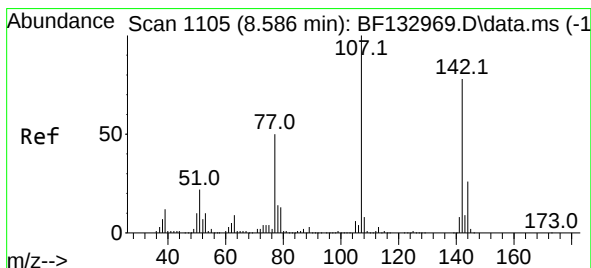
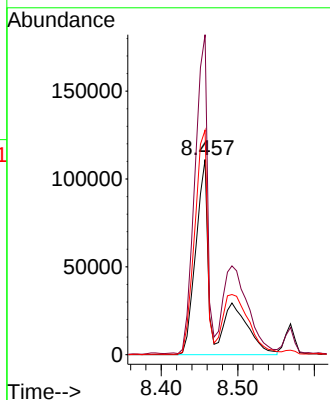
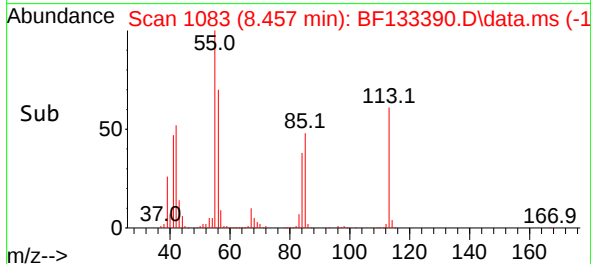
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MSD



Tgt Ion:113 Resp: 18388
 Ion Ratio Lower Upper
 113 100
 55 163.9 167.1 207.1
 56 115.0 114.5 154.5

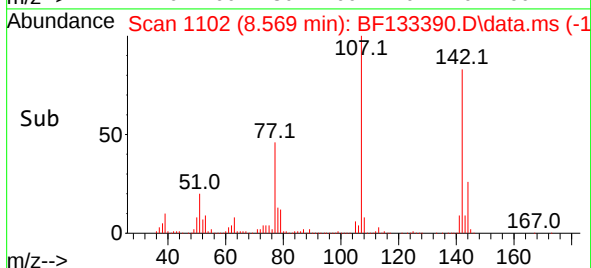
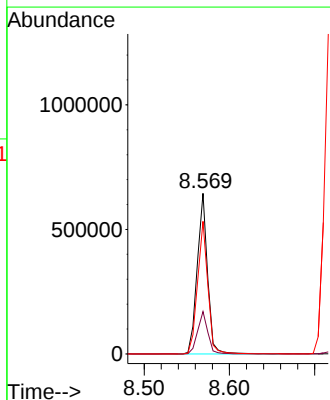
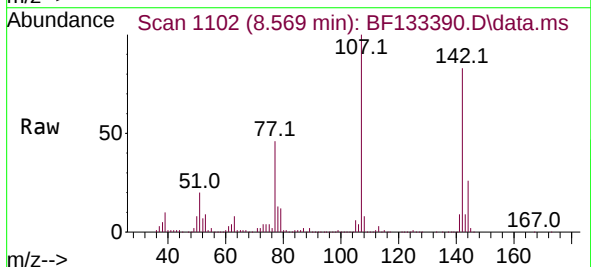
Manual Integrations
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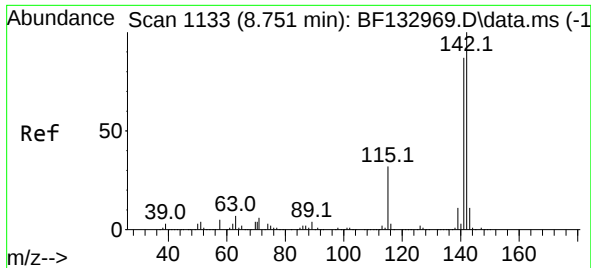
Reviewed By :Christian Giraldo 05/16/2023
 Supervised By :Yogesh Patel 05/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.931 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133390.D
 Acq: 15 May 2023 18:52

Tgt Ion:107 Resp: 545668
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.6 30.8
 142 82.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.714 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:142 Resp: 1139800

Ion Ratio Lower Upper

142 100

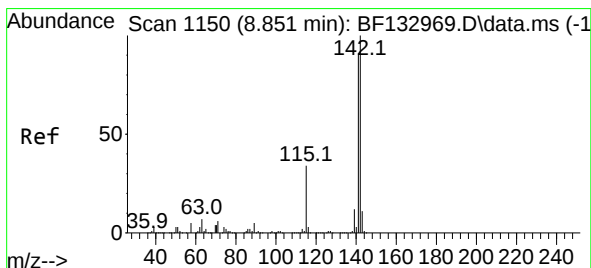
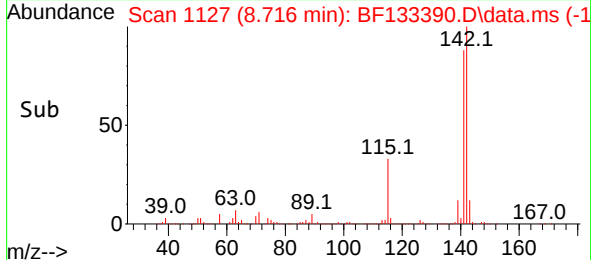
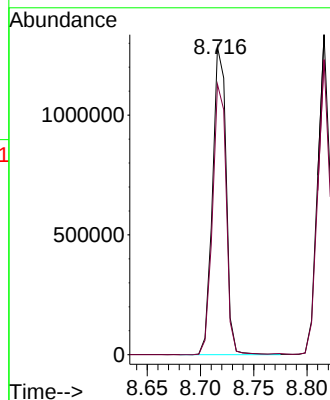
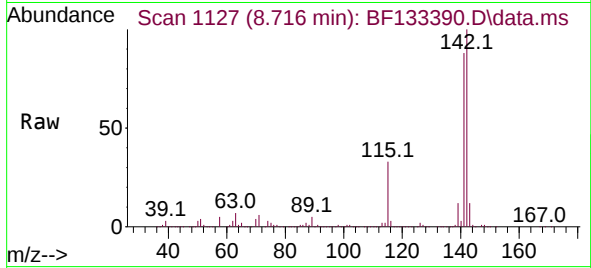
141 87.9 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 43.457 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133390.D

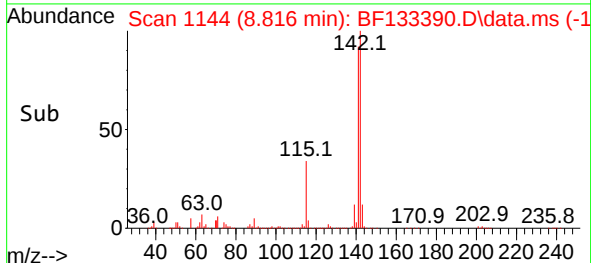
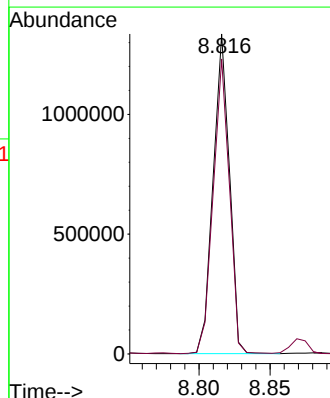
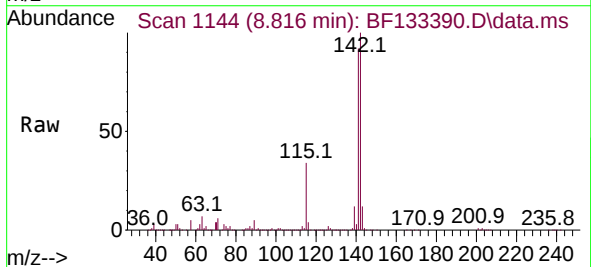
Acq: 15 May 2023 18:52

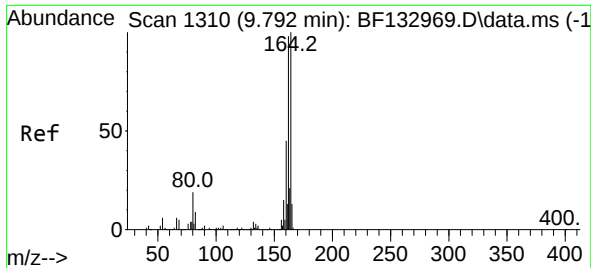
Tgt Ion:142 Resp: 1060009

Ion Ratio Lower Upper

142 100

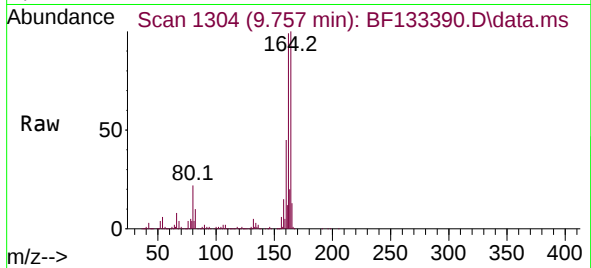
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

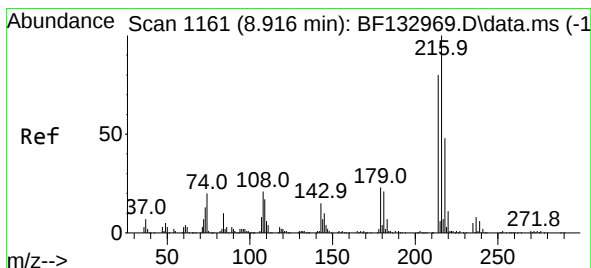
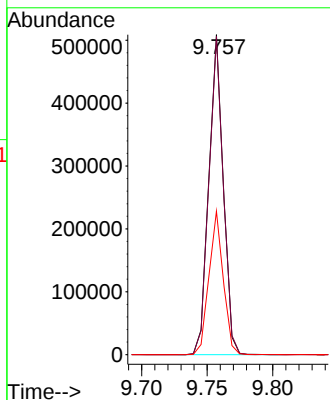
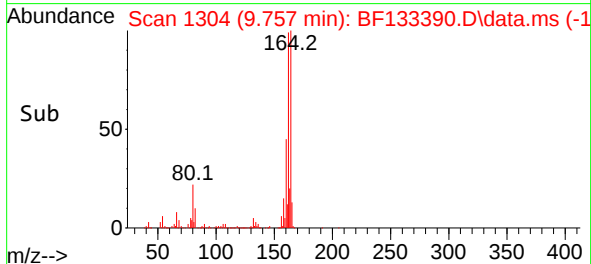
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:164 Resp: 389454
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 44.9 35.8 53.6

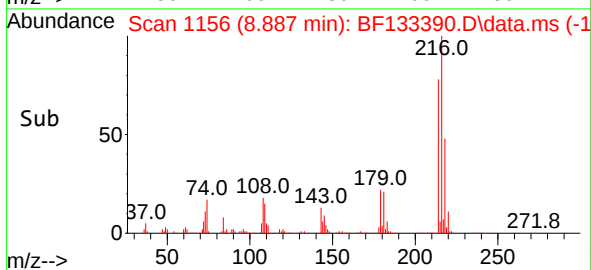
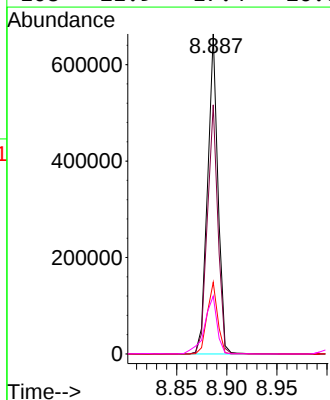
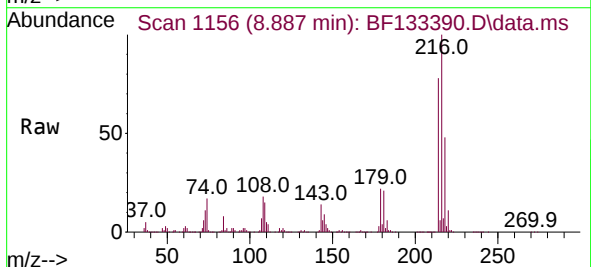
Manual Integrations
APPROVED

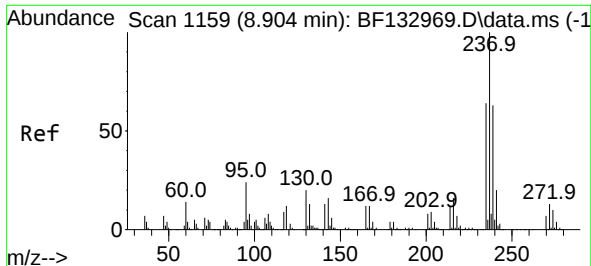
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.899 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

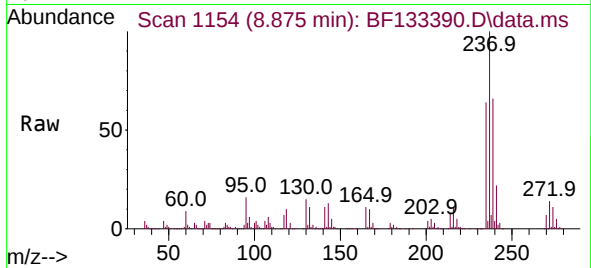
Tgt Ion:216 Resp: 480621
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.6 17.4 26.2
108 21.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 74.472 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

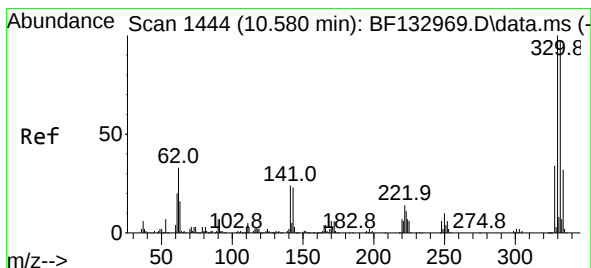
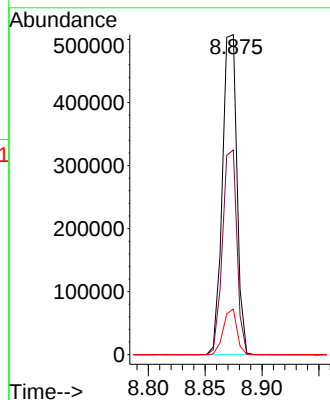
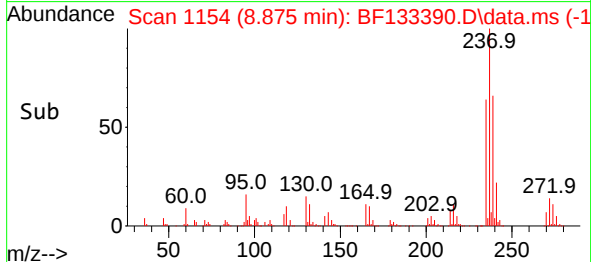
Instrument :
BNA_F
Client Sample Id :
WC-N-1MSD



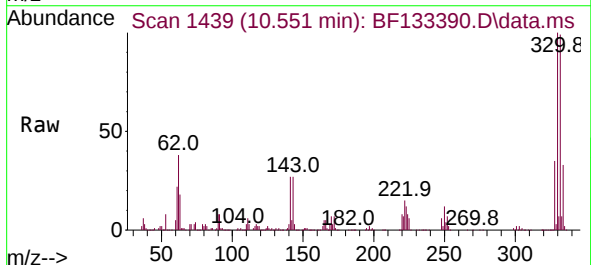
Tgt Ion: 237 Resp: 45479
Ion Ratio Lower Upper
237 100
235 64.0 43.5 83.5
272 14.3 0.0 32.7

Manual Integrations
APPROVED

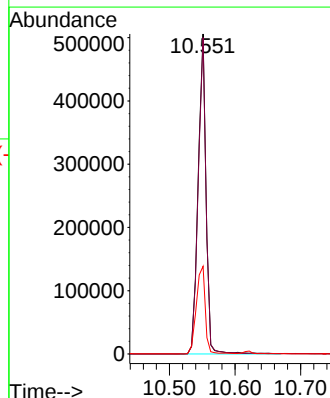
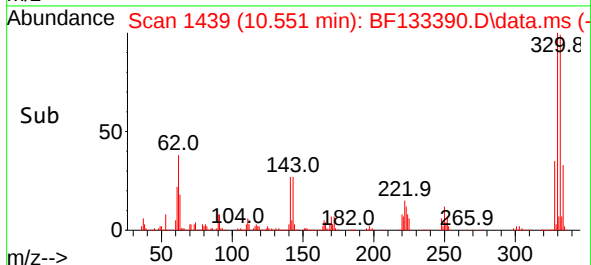
Reviewed By : Christian Giraldo 05/16/2023
Supervised By : Yogesh Patel 05/16/2023

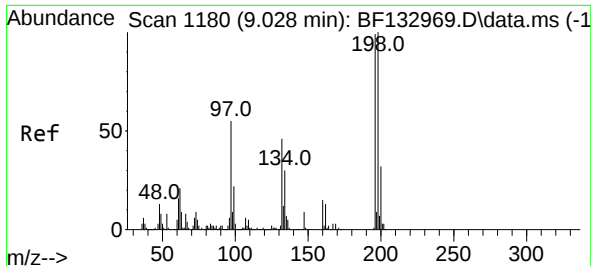


#42
2,4,6-Tribromophenol
Concen: 108.520 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



Tgt Ion: 330 Resp: 425040
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.2 25.8 38.8





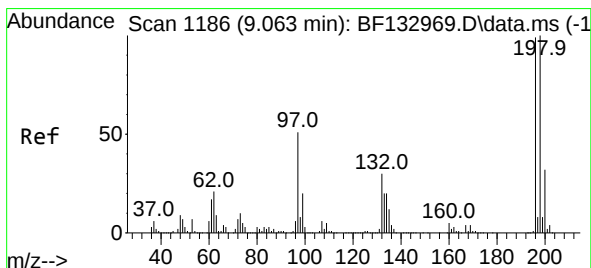
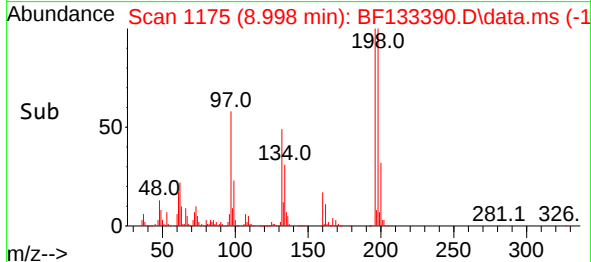
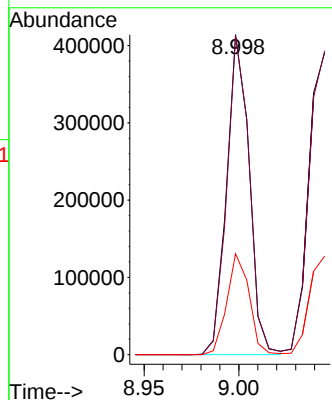
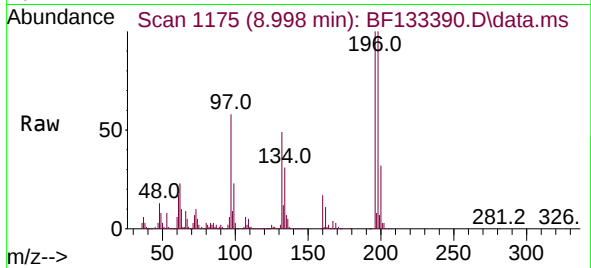
#43
2,4,6-Trichlorophenol
Concen: 47.339 ng
RT: 8.998 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:196 Resp: 342809
Ion Ratio Lower Upper
196 100
198 99.8 81.0 121.6
200 31.5 26.1 39.1

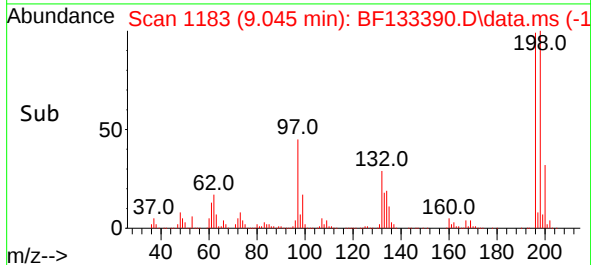
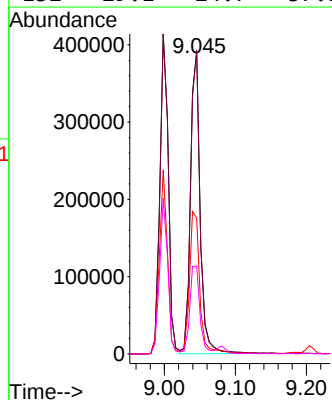
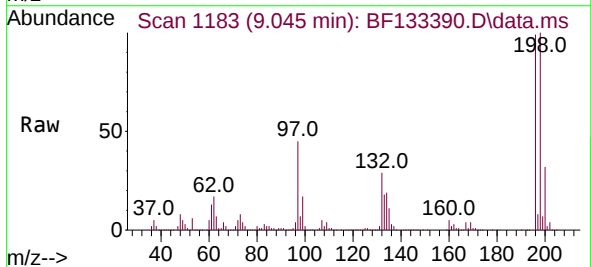
Manual Integrations
APPROVED

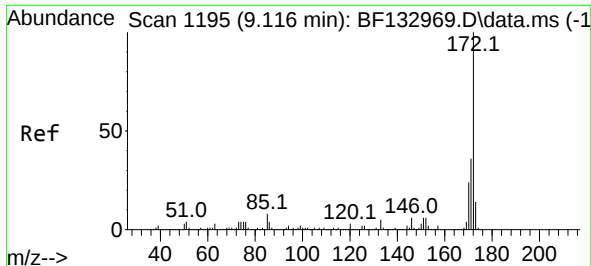
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 44.207 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

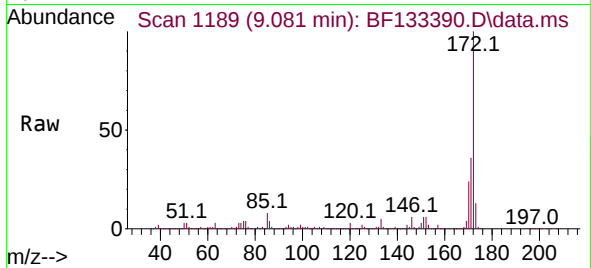
Tgt Ion:196 Resp: 370242
Ion Ratio Lower Upper
196 100
198 100.5 80.9 121.3
97 45.0 41.3 61.9
132 29.1 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 72.983 ng
RT: 9.081 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

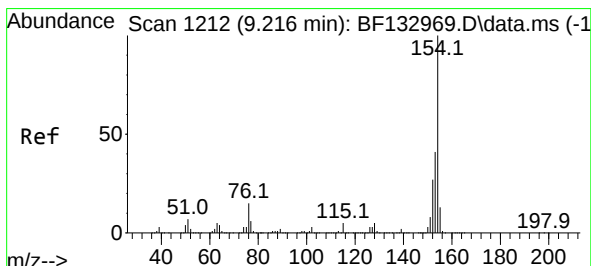
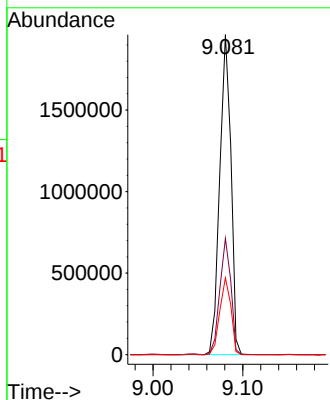
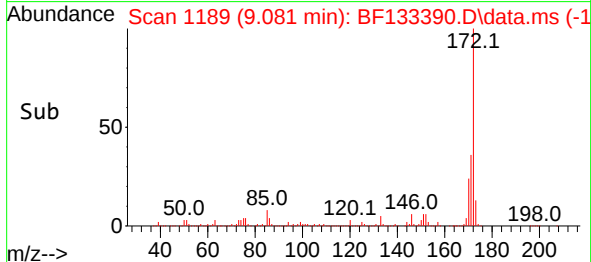
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



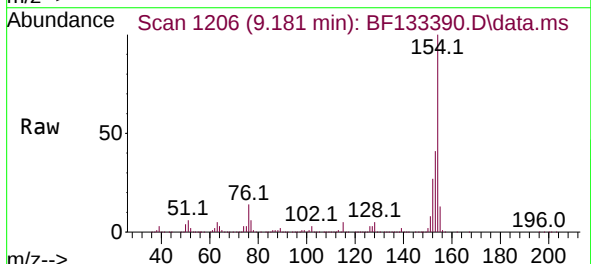
Tgt Ion:172 Resp: 169895
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.0 19.4 29.2

Manual Integrations
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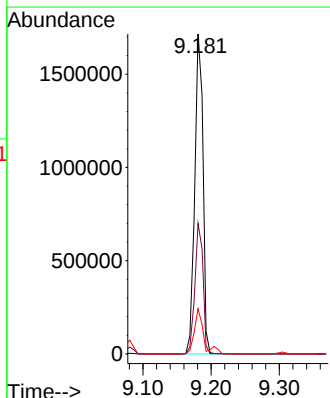
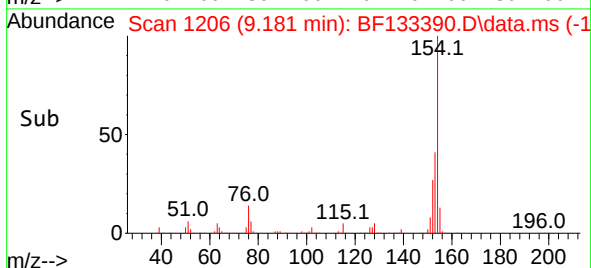
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

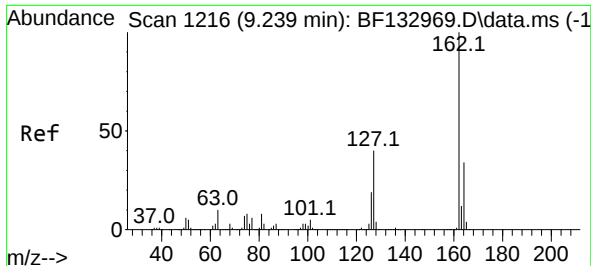


#46
1,1'-Biphenyl
Concen: 46.381 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



Tgt Ion:154 Resp: 1432331
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 14.1 0.0 34.5





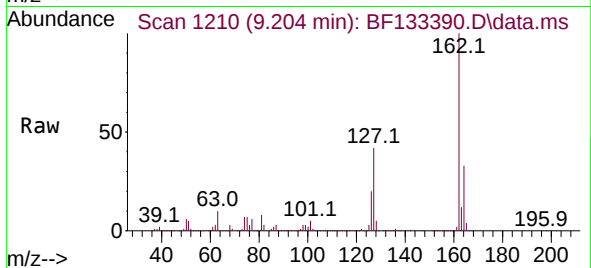
#47
2-Chloronaphthalene
Concen: 47.262 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

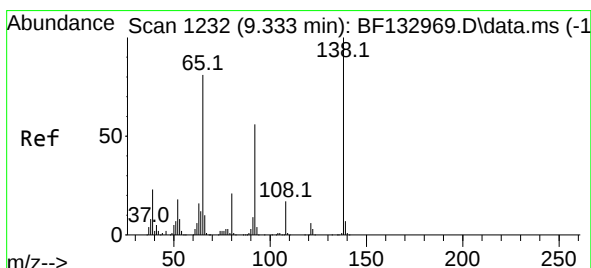
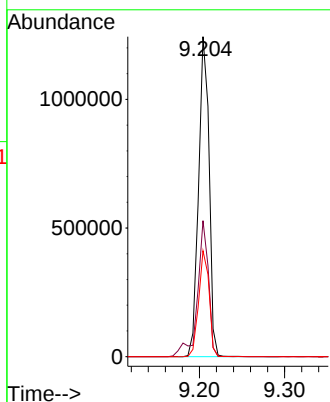
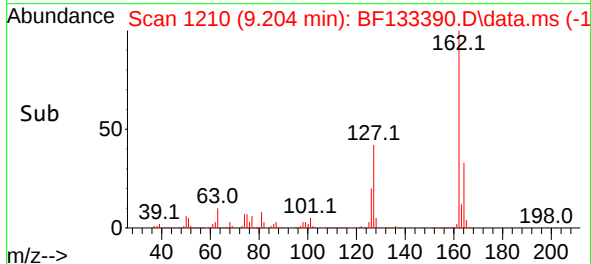


Tgt Ion:162 Resp: 1068279
Ion Ratio Lower Upper
162 100
127 42.5 32.3 48.5
164 33.1 26.8 40.2

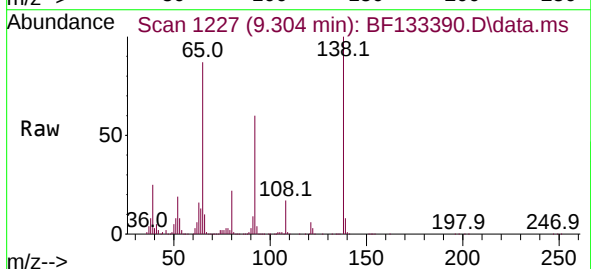
Manual Integrations

APPROVED

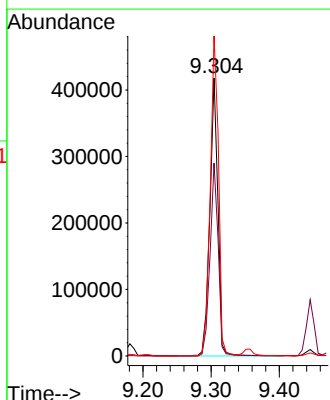
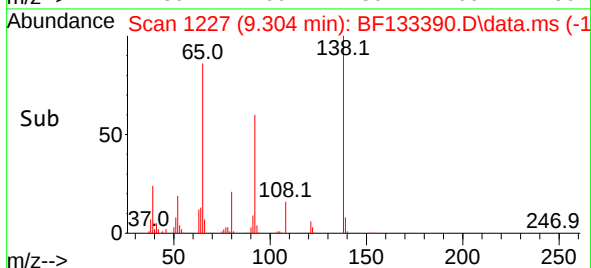
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

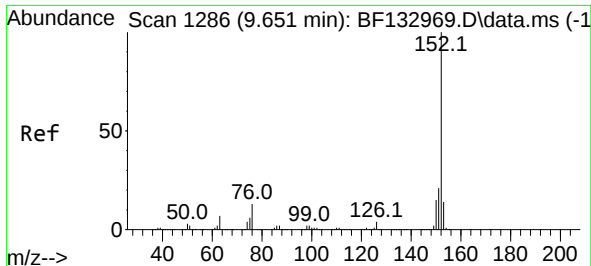


#48
2-Nitroaniline
Concen: 46.139 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



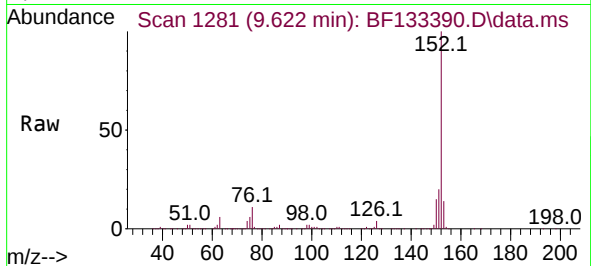
Tgt Ion: 65 Resp: 344679
Ion Ratio Lower Upper
65 100
92 69.4 55.4 83.0
138 115.2 98.2 147.2





#49
Acenaphthylene
Concen: 45.409 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

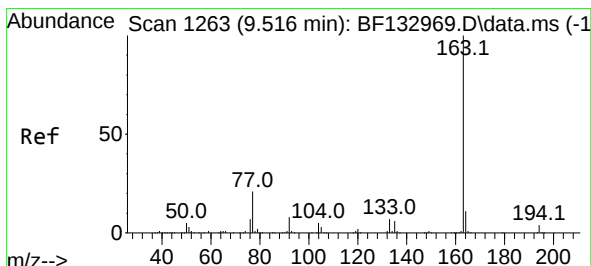
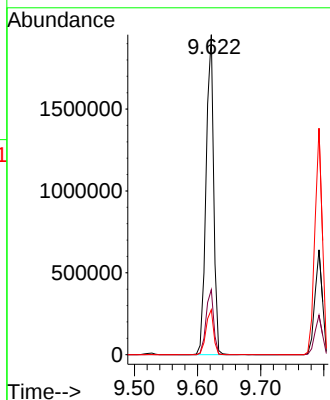
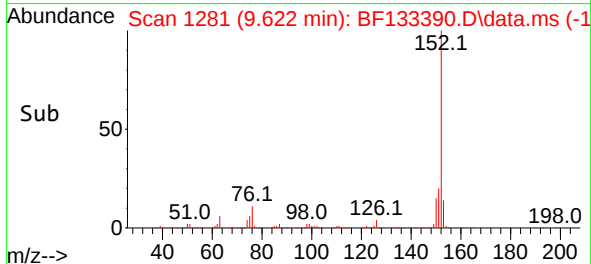
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



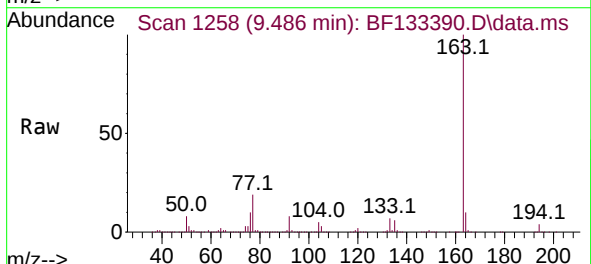
Tgt Ion:152 Resp: 1640054
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 14.1 11.5 17.3

Manual Integrations
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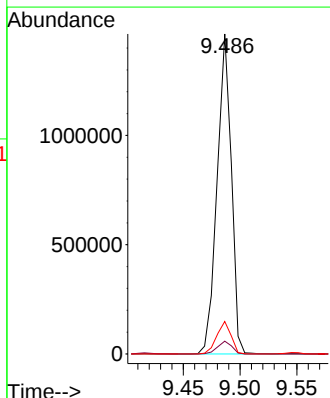
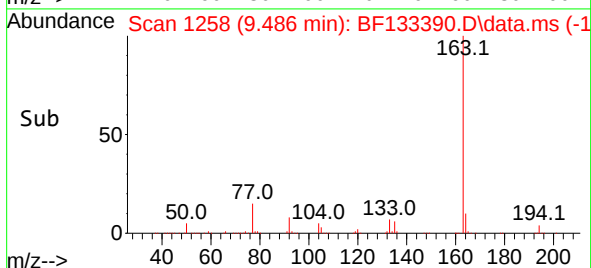
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

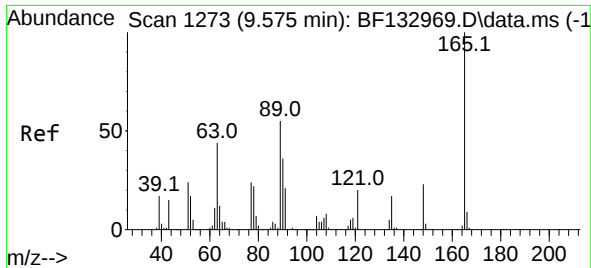


#50
Dimethylphthalate
Concen: 47.023 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



Tgt Ion:163 Resp: 1276940
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.5 12.7





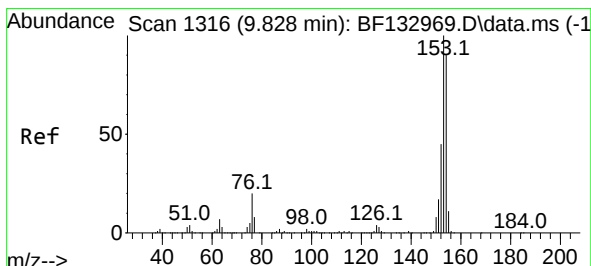
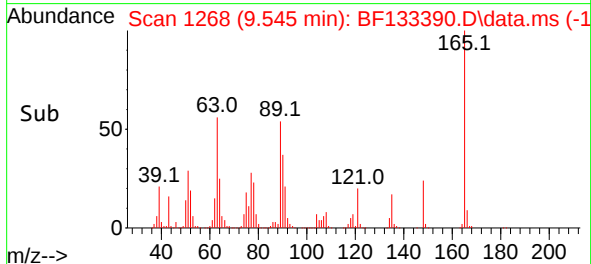
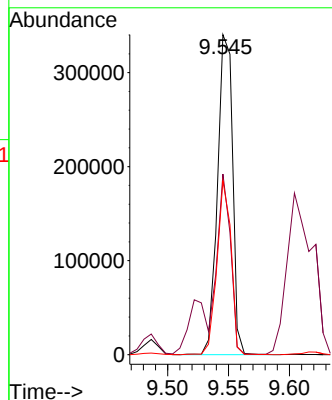
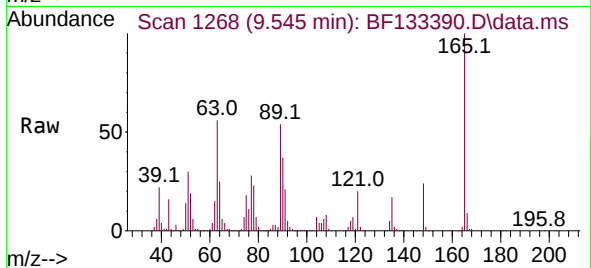
#51
2,6-Dinitrotoluene
Concen: 48.213 ng
RT: 9.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:165 Resp: 294679
Ion Ratio Lower Upper
165 100
63 56.4 45.9 68.9
89 54.3 44.0 66.0

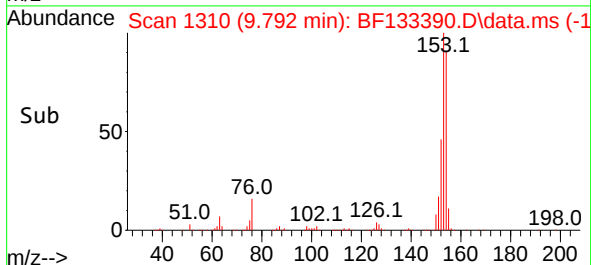
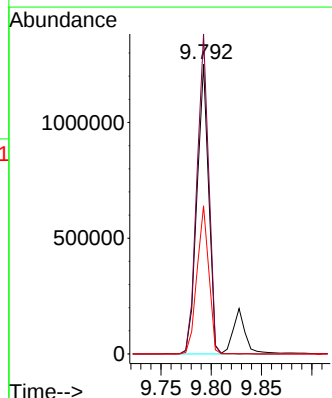
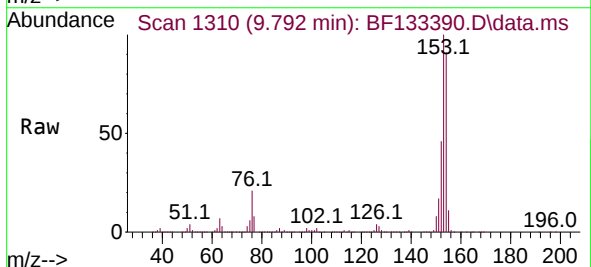
Manual Integrations
APPROVED

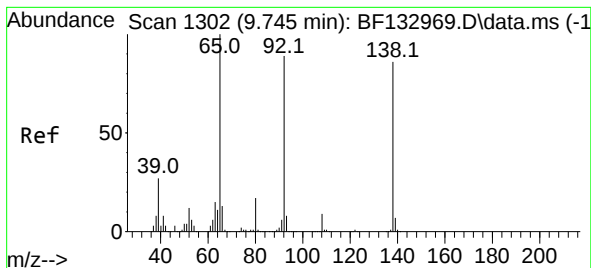
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 48.854 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

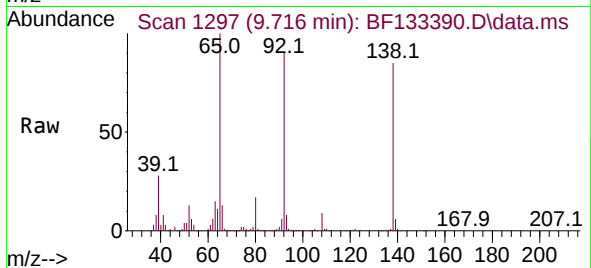
Tgt Ion:154 Resp: 1181751
Ion Ratio Lower Upper
154 100
153 110.5 89.0 133.6
152 51.2 40.4 60.6





#53
3-Nitroaniline
Concen: 39.560 ng
RT: 9.716 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

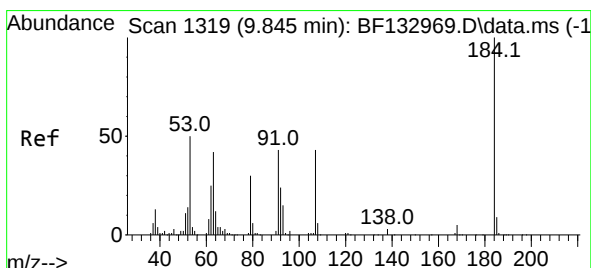
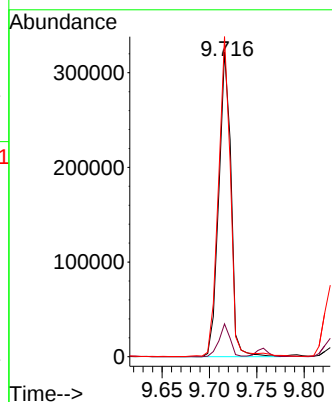
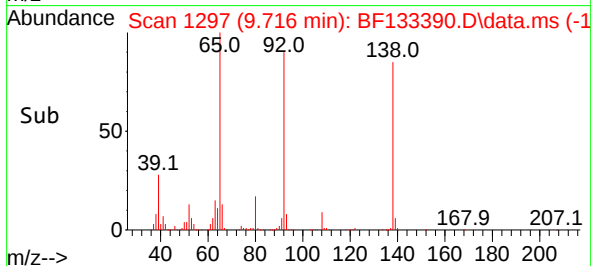
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:138 Resp: 287498
Ion Ratio Lower Upper
138 100
108 10.8 8.0 12.0
92 105.1 83.6 125.4

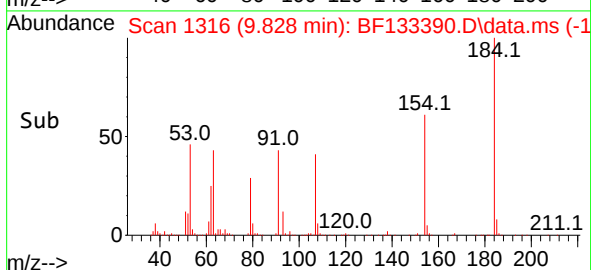
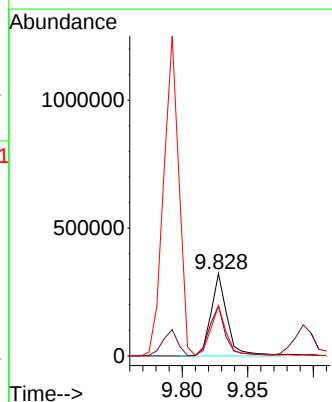
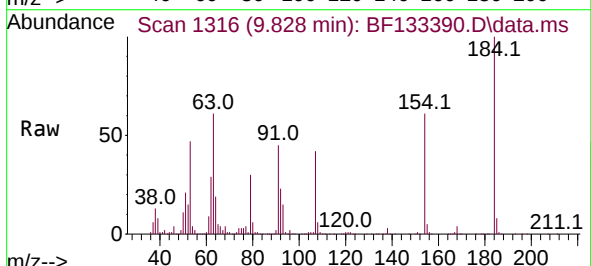
Manual Integrations
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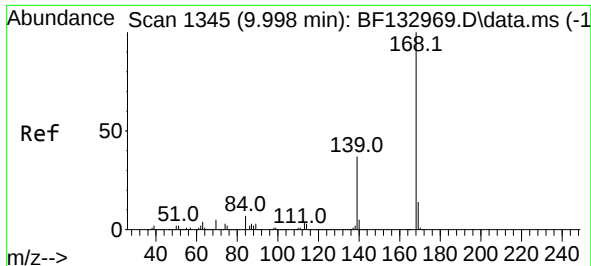
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#54
2,4-Dinitrophenol
Concen: 90.143 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

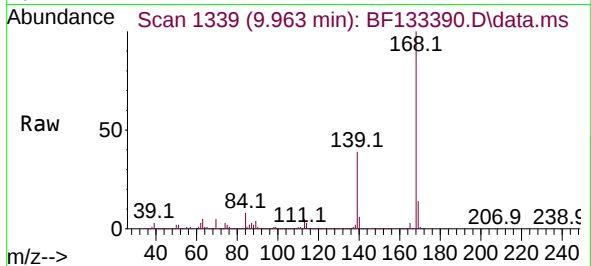
Tgt Ion:184 Resp: 276941
Ion Ratio Lower Upper
184 100
63 60.9 49.8 74.8
154 60.9 49.5 74.3





#55
Dibenzofuran
Concen: 45.228 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

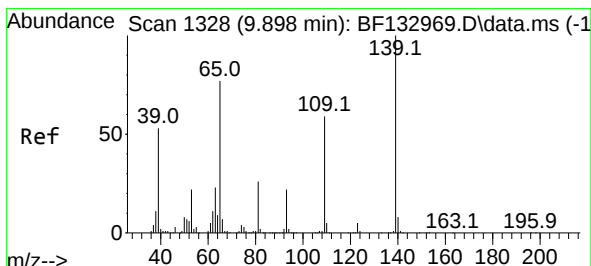
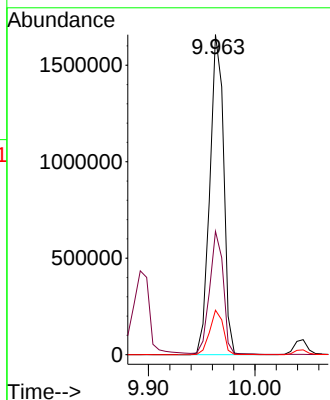
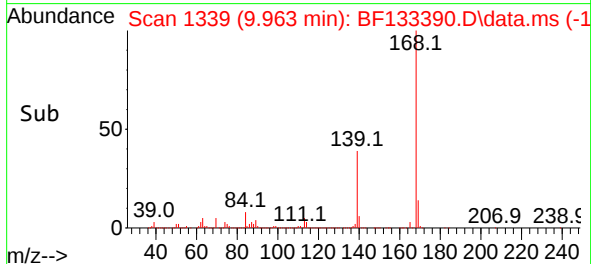
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:168 Resp: 1492364
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.8
169 13.9 10.8 16.2

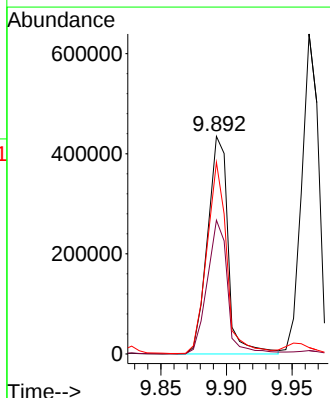
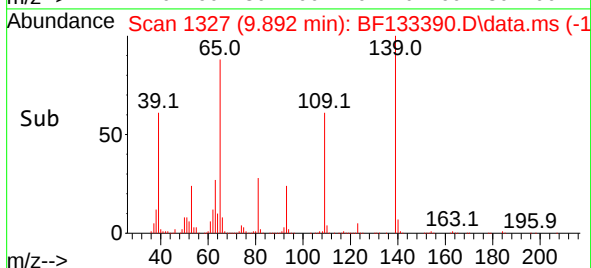
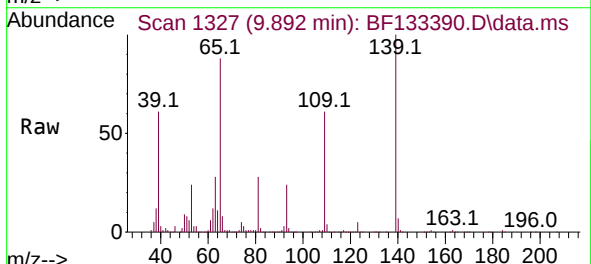
Manual Integrations
APPROVED

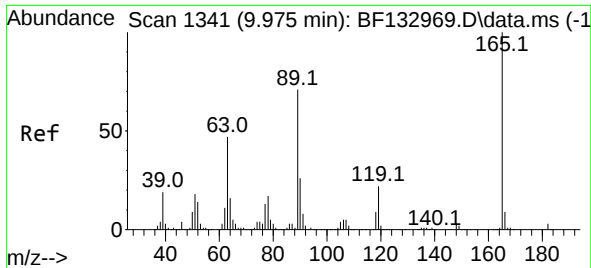
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 84.170 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:139 Resp: 473771
Ion Ratio Lower Upper
139 100
109 61.5 39.4 79.4
65 88.1 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 48.345 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:165 Resp: 376828

Ion Ratio Lower Upper

165 100

63 45.4 37.7 56.5

89 70.0 57.0 85.4

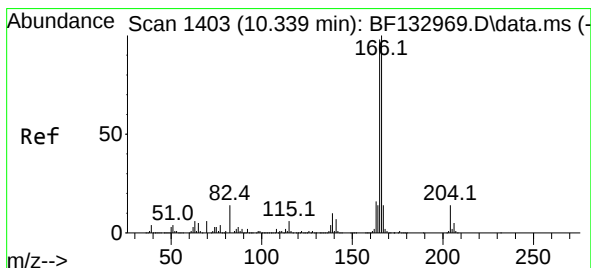
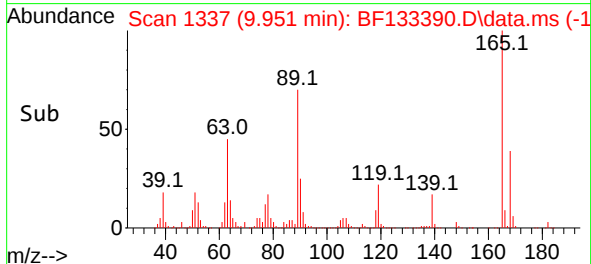
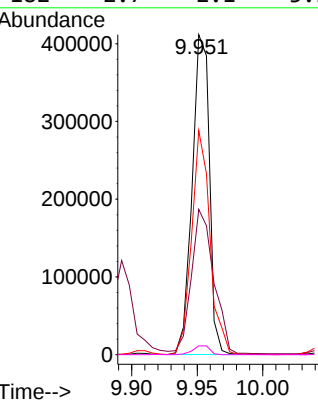
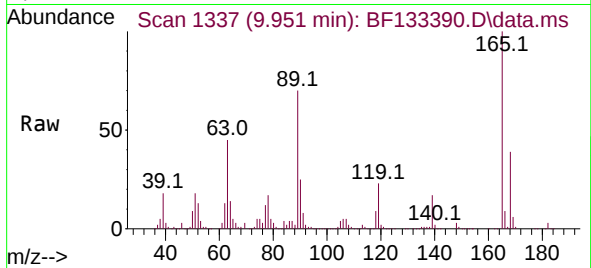
182 2.7 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#58

Fluorene

Concen: 45.916 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

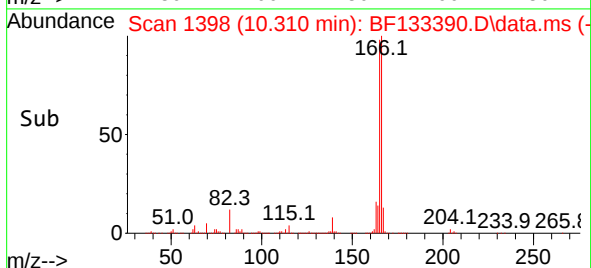
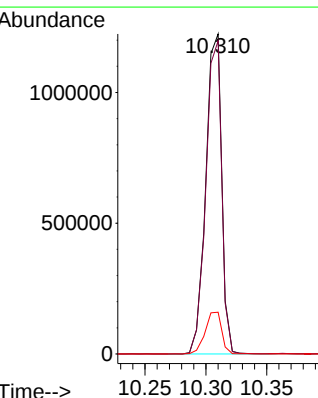
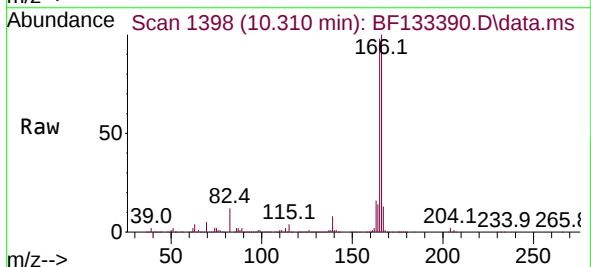
Tgt Ion:166 Resp: 1109999

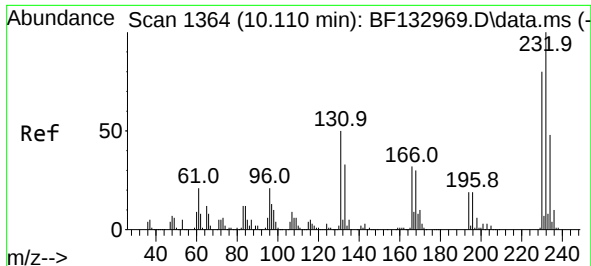
Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

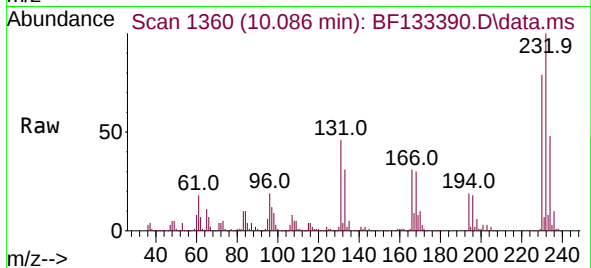
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.676 ng
RT: 10.086 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

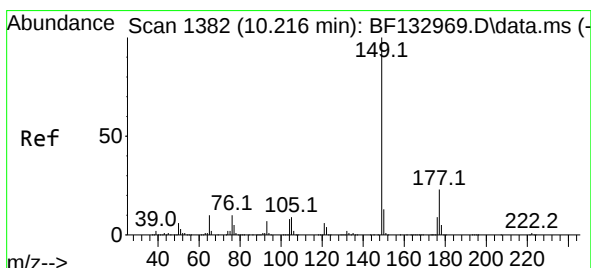
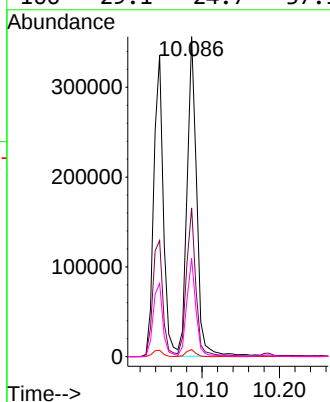
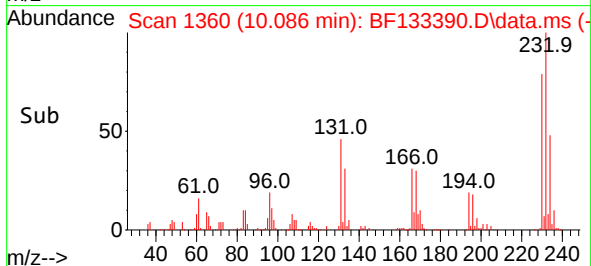
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:232 Resp: 303061
Ion Ratio Lower Upper
232 100
131 45.7 38.0 57.0
130 2.2 1.8 2.8
166 29.1 24.7 37.1

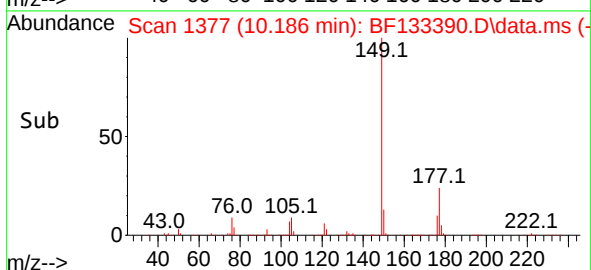
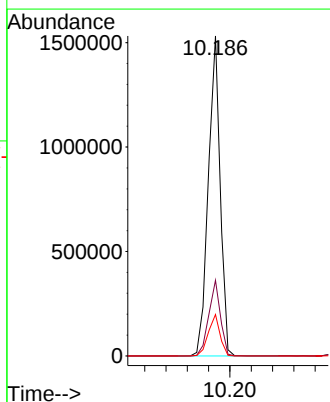
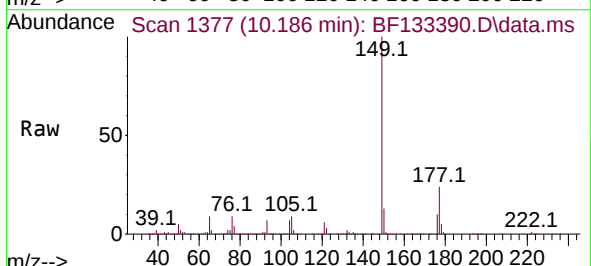
Manual Integrations
APPROVED

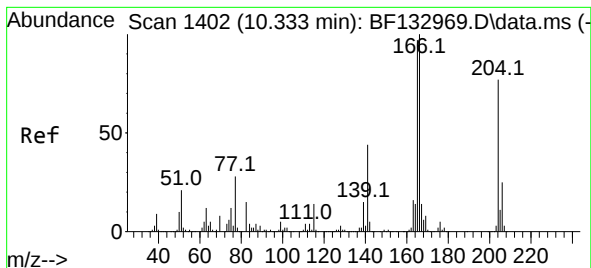
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 46.326 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:149 Resp: 1188287
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.9 10.2 15.4





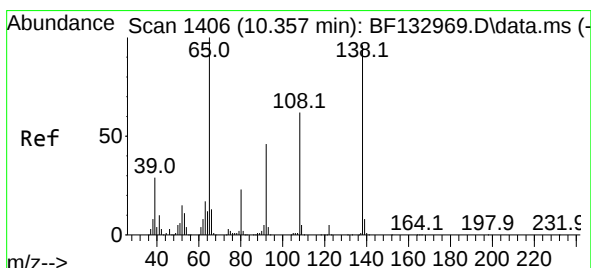
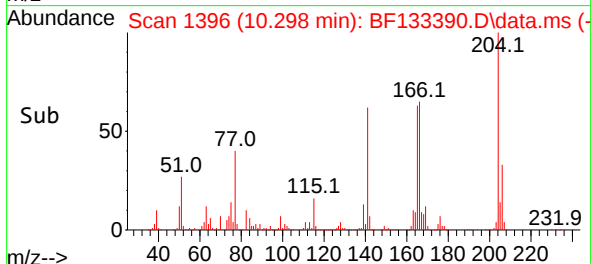
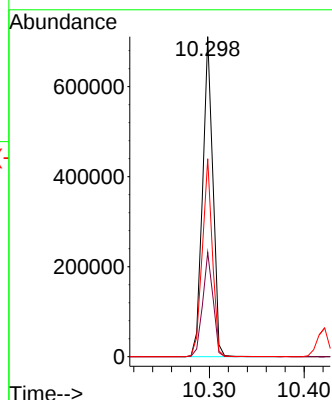
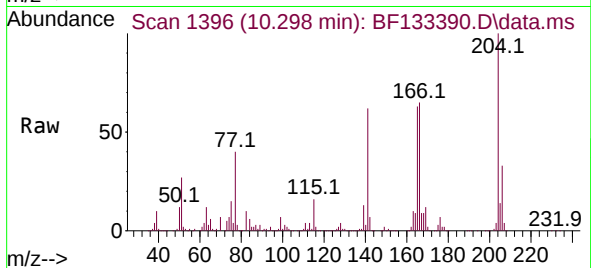
#61
4-Chlorophenyl-phenylether
Concen: 45.681 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:204 Resp: 53815
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 61.9 46.1 69.1

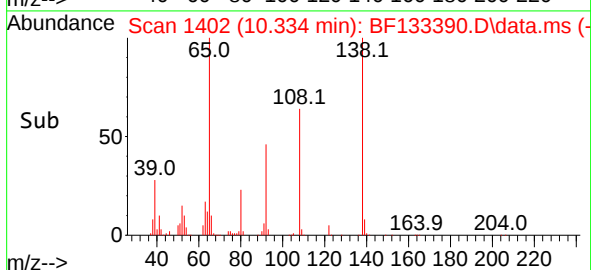
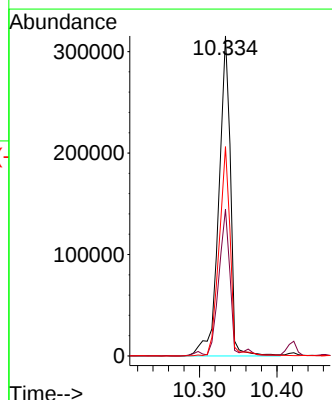
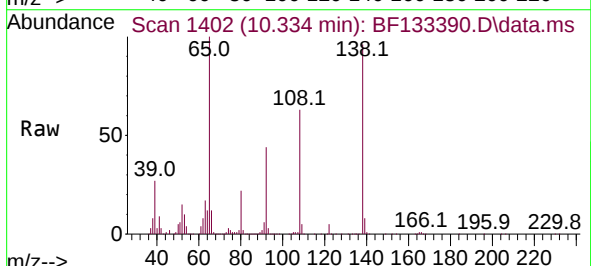
Manual Integrations
APPROVED

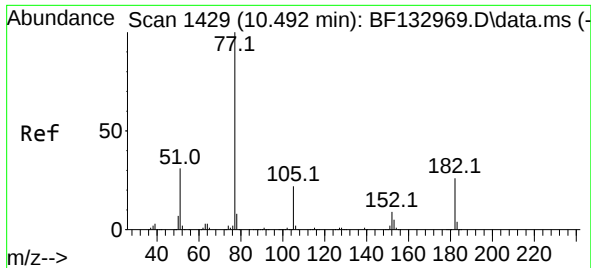
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 49.675 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

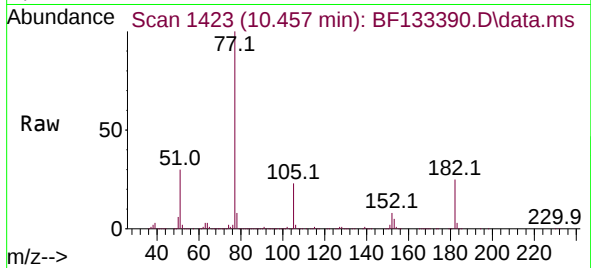
Tgt Ion:138 Resp: 331804
Ion Ratio Lower Upper
138 100
92 45.9 27.7 67.7
108 65.4 45.2 85.2





#63
Azobenzene
Concen: 45.663 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

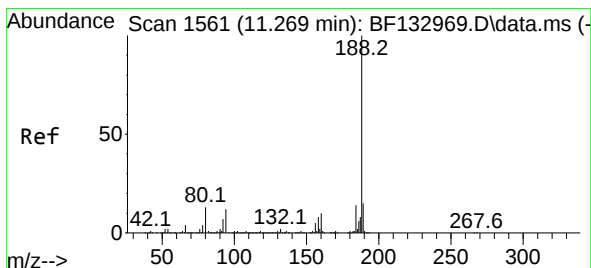
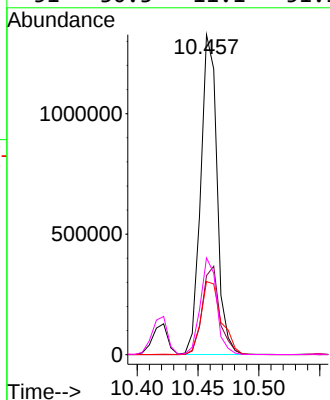
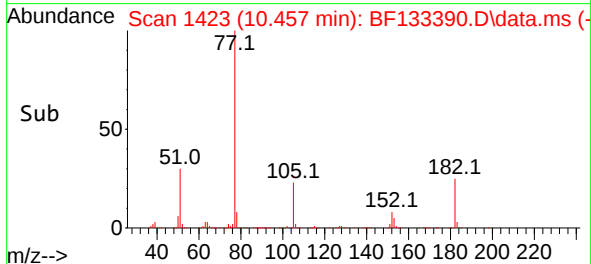
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion: 77 Resp: 1240769
Ion Ratio Lower Upper
77 100
182 24.7 5.9 45.9
105 22.8 2.3 42.3
51 30.3 11.1 51.1

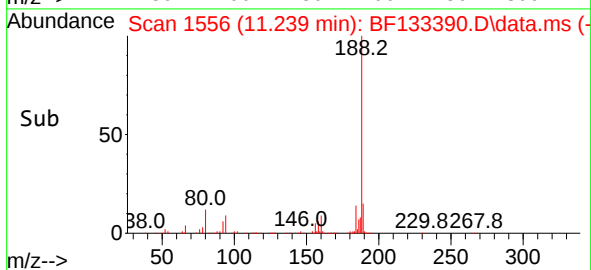
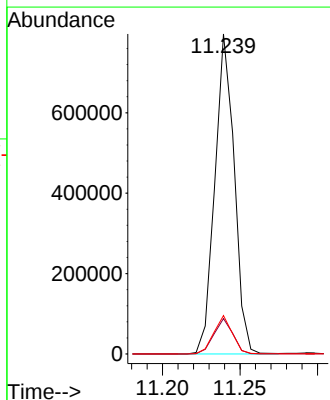
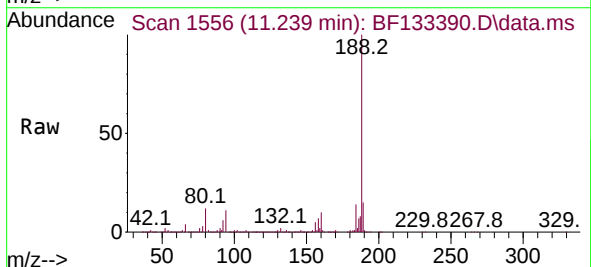
Manual Integrations
APPROVED

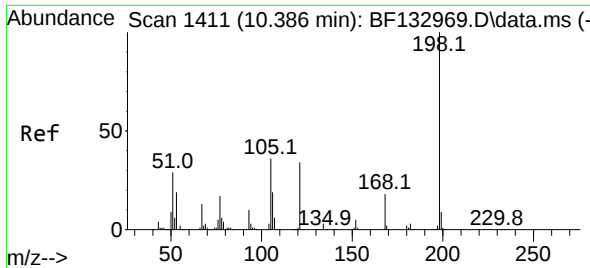
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:188 Resp: 693250
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 12.0 10.4 15.6





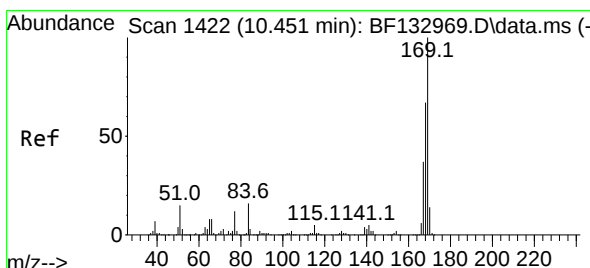
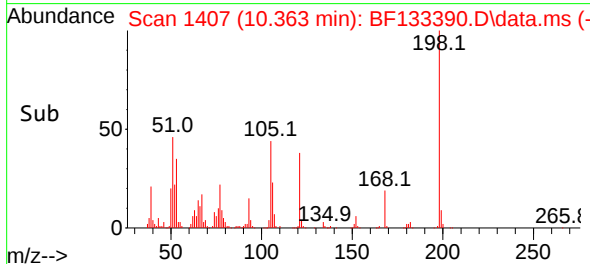
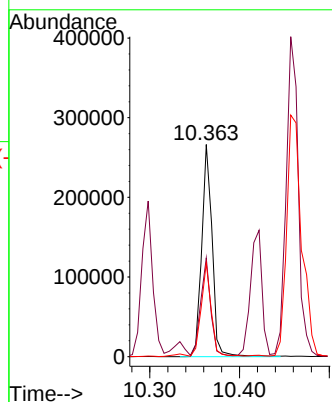
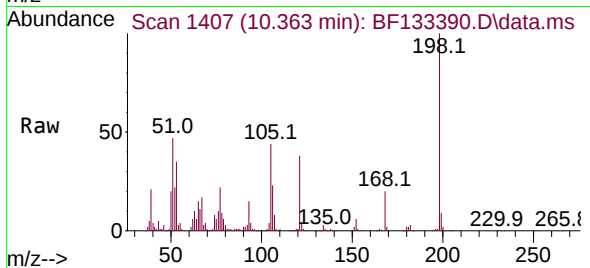
#65
4,6-Dinitro-2-methylphenol
Concen: 51.264 ng
RT: 10.363 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:198 Resp: 21540
Ion Ratio Lower Upper
198 100
51 46.5 15.5 55.5
105 44.1 16.7 56.7

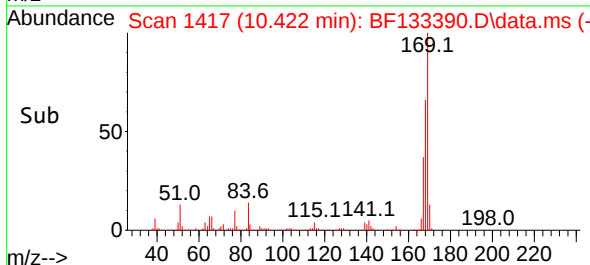
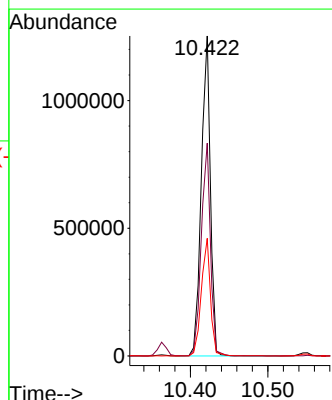
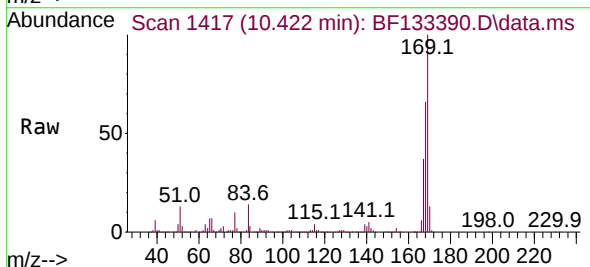
Manual Integrations
APPROVED

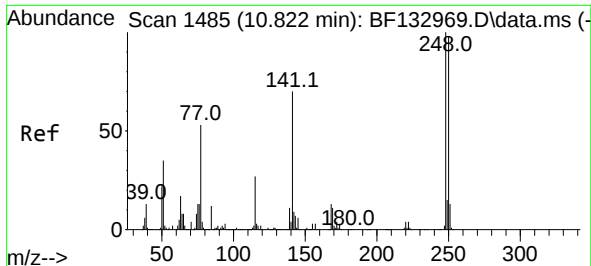
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 45.255 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

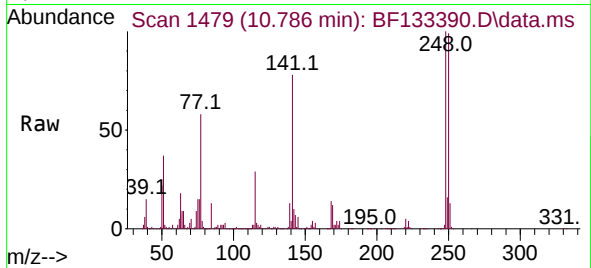
Tgt Ion:169 Resp: 1017663
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.8 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 45.210 ng
RT: 10.786 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

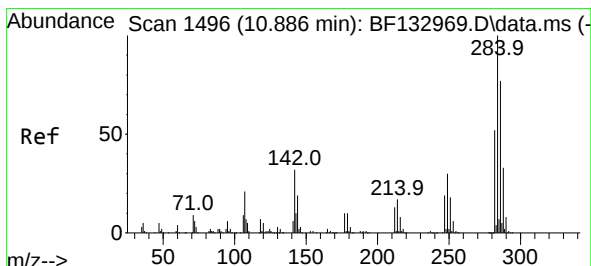
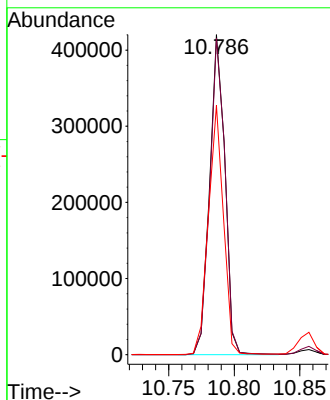
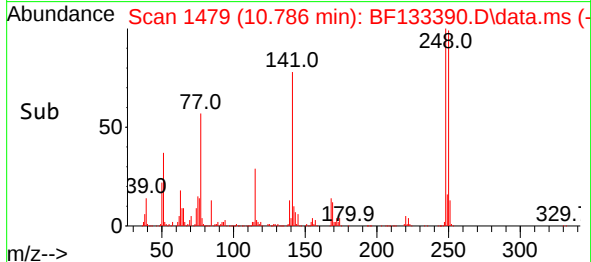
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:248 Resp: 339918
Ion Ratio Lower Upper
248 100
250 98.9 78.7 118.1
141 77.9 56.3 84.5

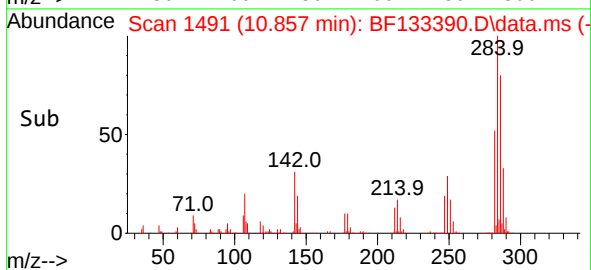
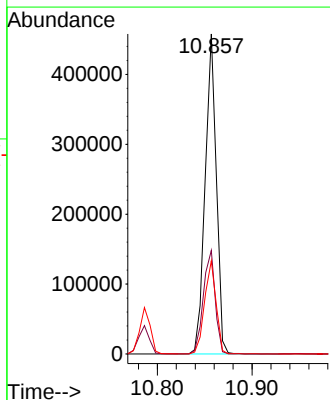
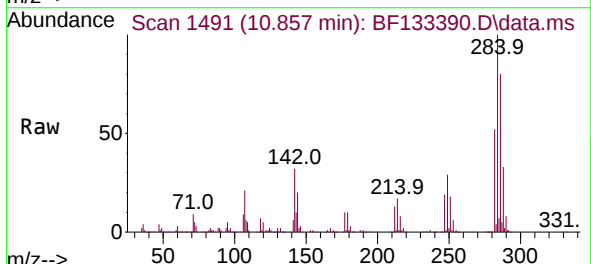
Manual Integrations
APPROVED

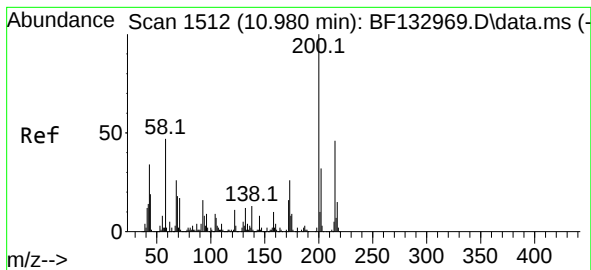
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#68
Hexachlorobenzene
Concen: 48.493 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:284 Resp: 373602
Ion Ratio Lower Upper
284 100
142 32.4 26.0 39.0
249 29.1 23.7 35.5





#69

Atrazine

Concen: 53.621 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:200 Resp: 347439

Ion Ratio Lower Upper

200 100

173 28.0 6.2 46.2

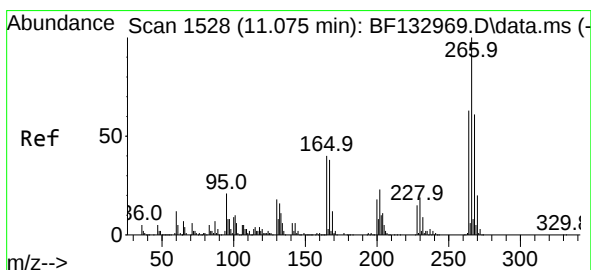
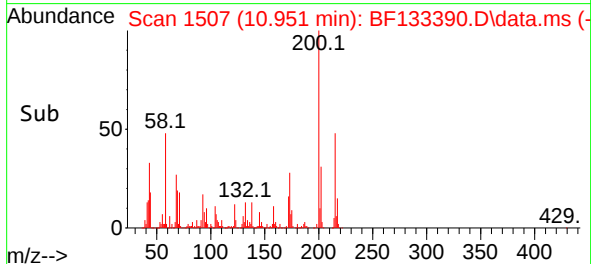
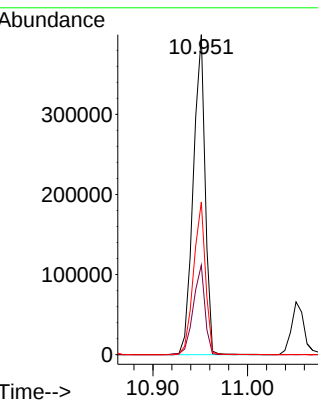
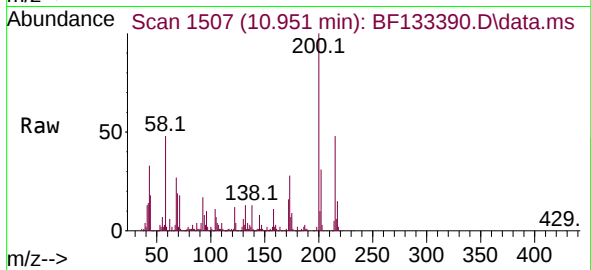
215 47.7 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#70

Pentachlorophenol

Concen: 68.875 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

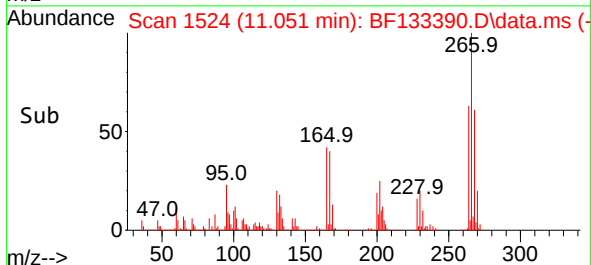
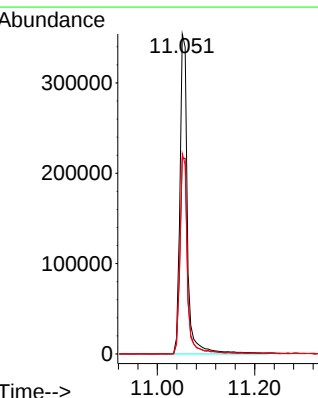
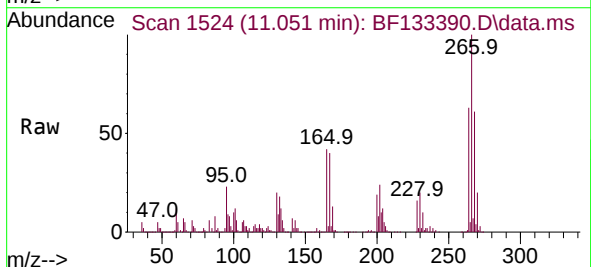
Tgt Ion:266 Resp: 377915

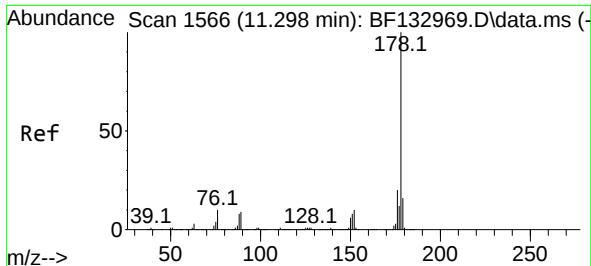
Ion Ratio Lower Upper

266 100

268 61.2 48.8 73.2

264 62.6 50.6 76.0





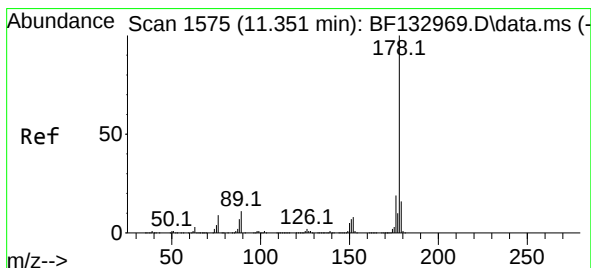
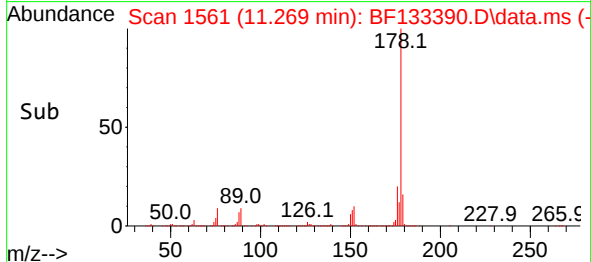
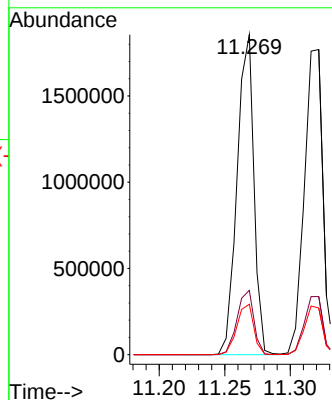
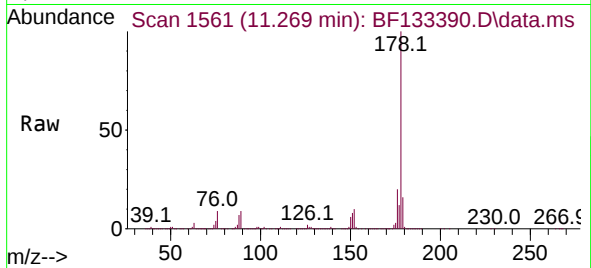
#71
Phenanthrene
Concen: 44.621 ng
RT: 11.269 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD

Tgt Ion:178 Resp: 1662598
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.8 12.5 18.7

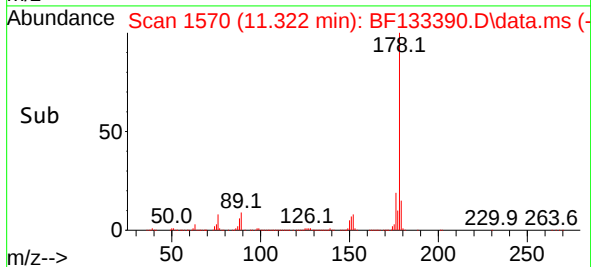
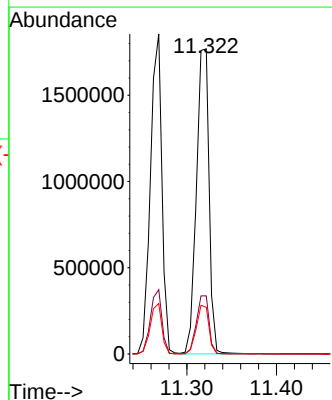
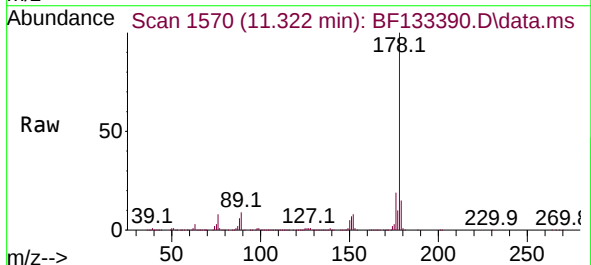
Manual Integrations
APPROVED

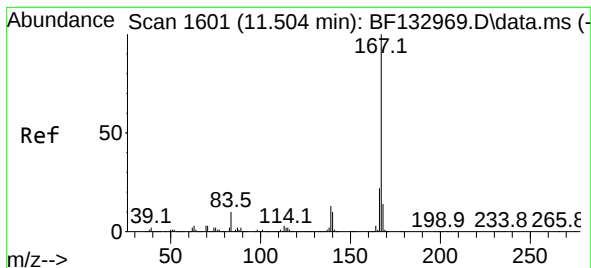
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#72
Anthracene
Concen: 45.516 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:178 Resp: 1735609
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.4 18.6





#73

Carbazole

Concen: 46.017 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:167 Resp: 1562440

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

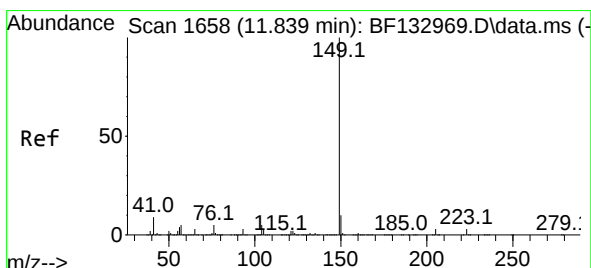
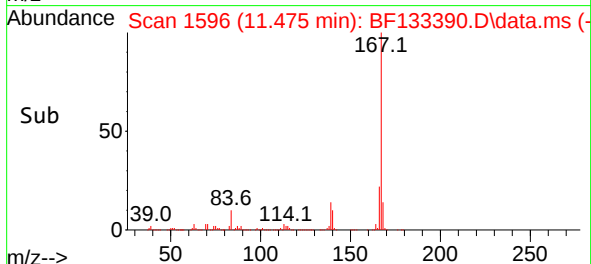
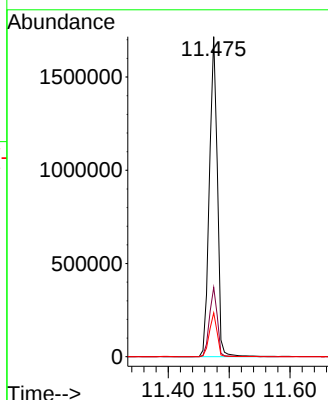
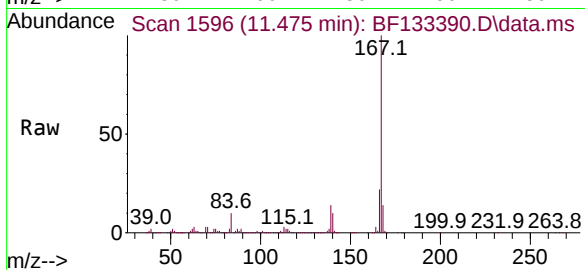
139 13.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#74

Di-n-butylphthalate

Concen: 48.083 ng

RT: 11.804 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

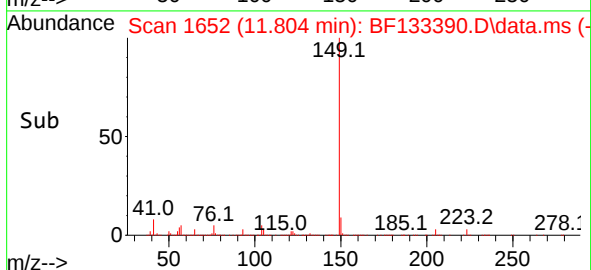
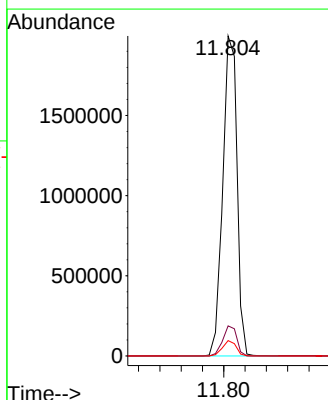
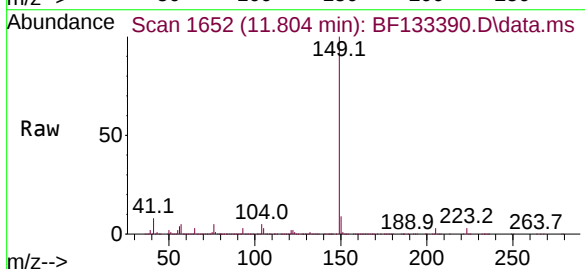
Tgt Ion:149 Resp: 1847521

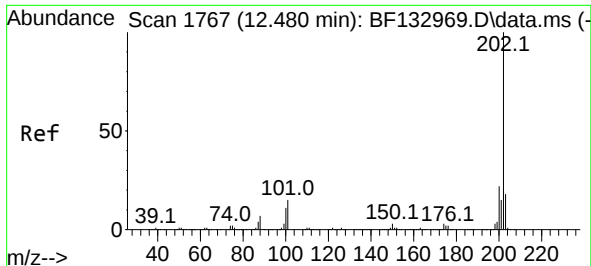
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

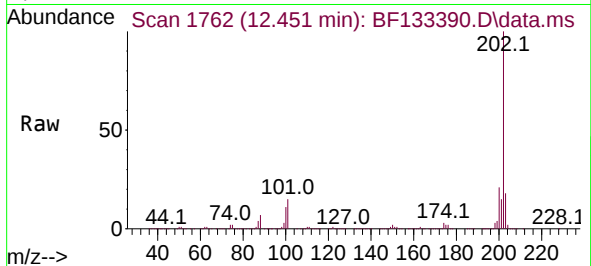
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 43.049 ng
RT: 12.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

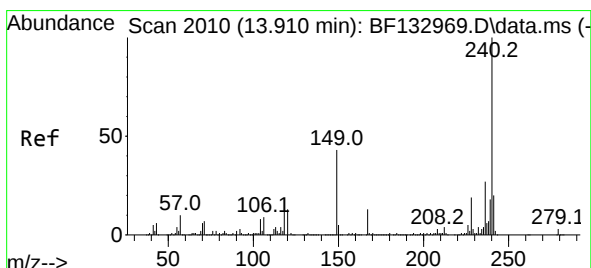
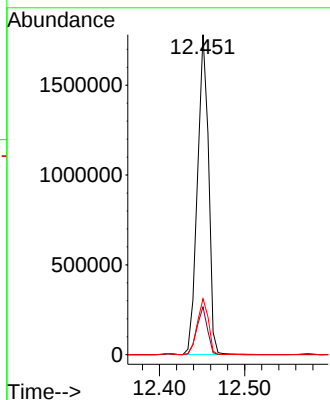
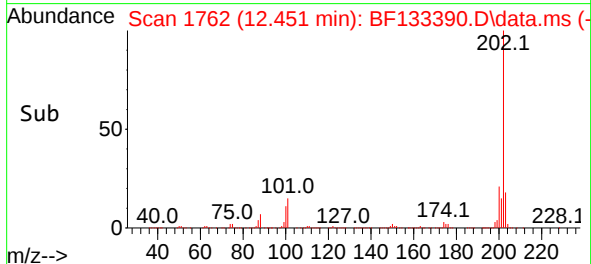
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



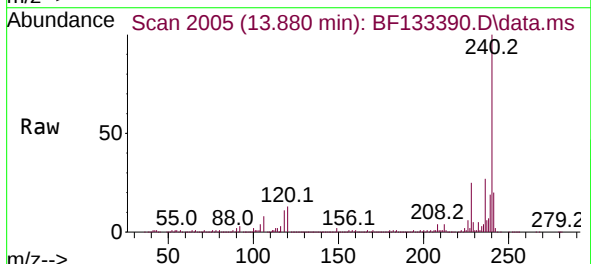
Tgt Ion:202 Resp: 160981
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 17.5 0.0 38.1

Manual Integrations
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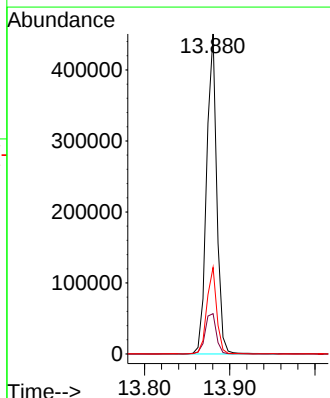
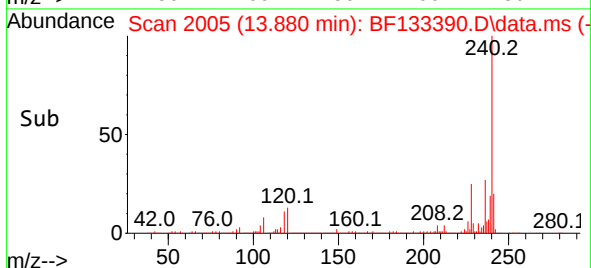
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

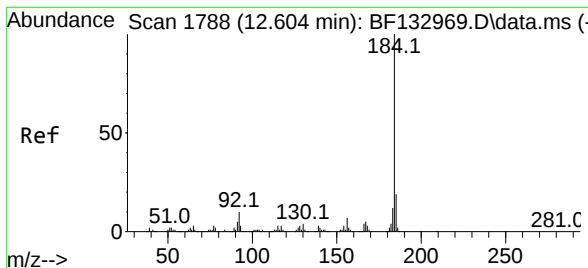


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



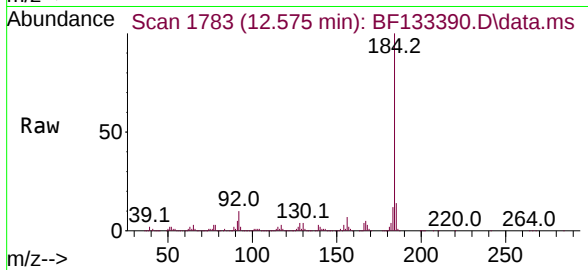
Tgt Ion:240 Resp: 372279
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 27.1 21.5 32.3





#77
Benzidine
Concen: 126.447 ng
RT: 12.575 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

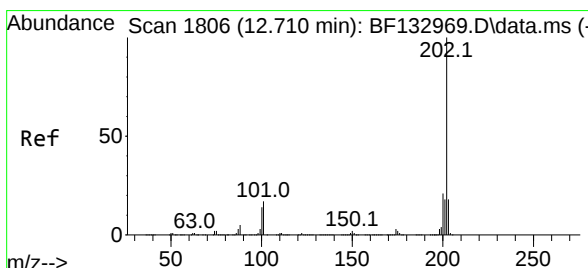
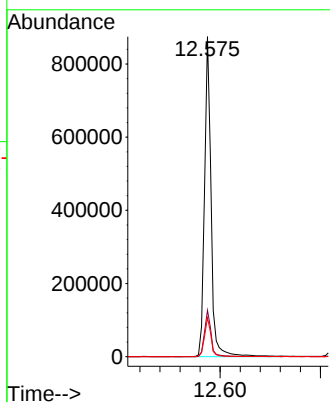
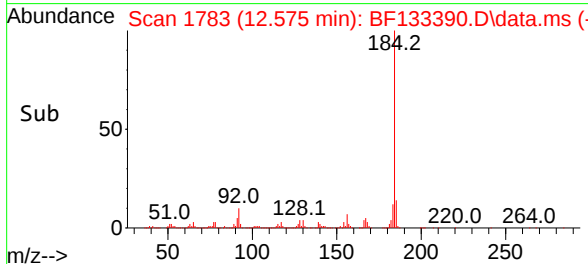
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



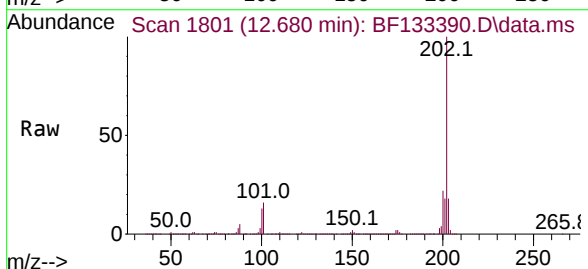
Tgt Ion:184 Resp: 796039
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 12.2 9.4 14.0

Manual Integrations
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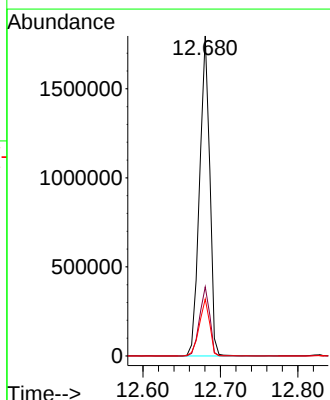
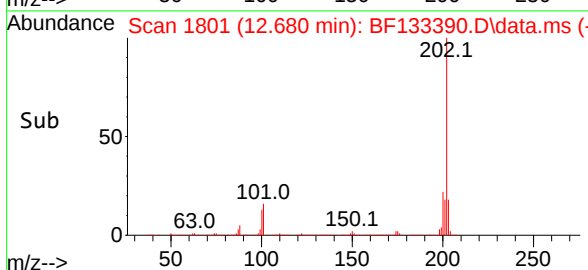
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

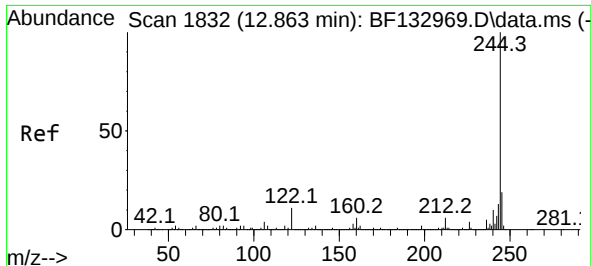


#78
Pyrene
Concen: 51.146 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52



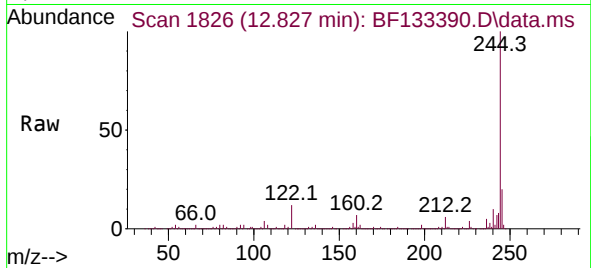
Tgt Ion:202 Resp: 1632218
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 83.056 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133390.D
 Acq: 15 May 2023 18:52

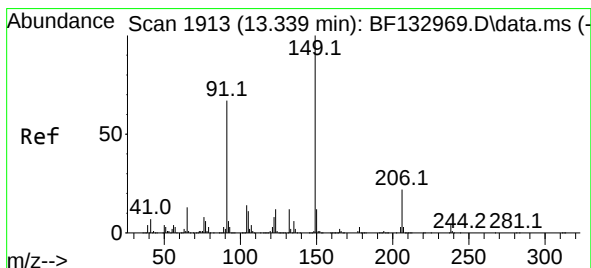
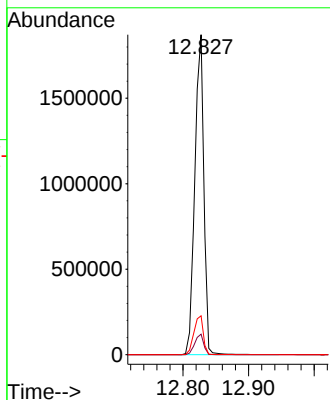
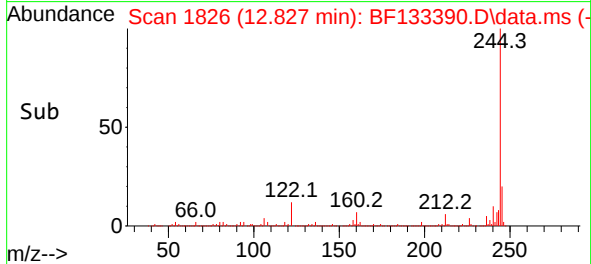
Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MSD



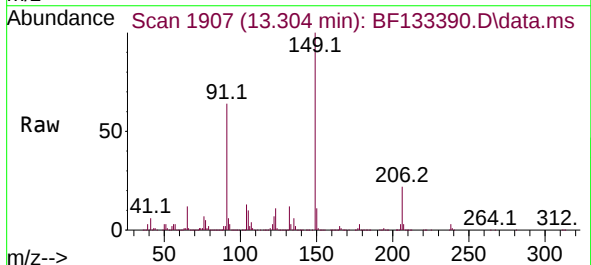
Tgt Ion:244 Resp: 179280
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.2 8.6 13.0

Manual Integrations
 APPROVED

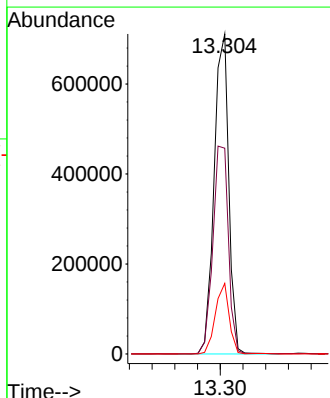
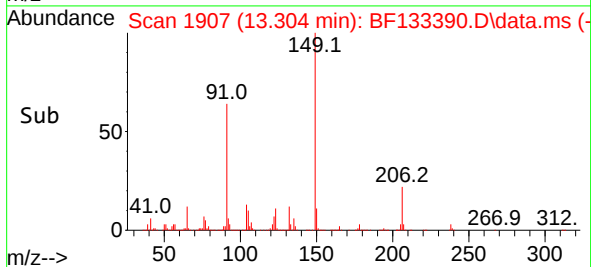
Reviewed By :Christian Giraldo 05/16/2023
 Supervised By :Yogesh Patel 05/16/2023

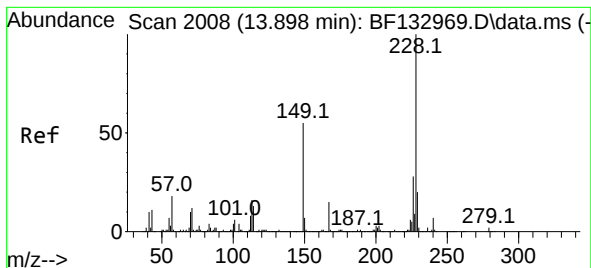


#80
 Butylbenzylphthalate
 Concen: 56.432 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133390.D
 Acq: 15 May 2023 18:52



Tgt Ion:149 Resp: 637650
 Ion Ratio Lower Upper
 149 100
 91 64.3 53.8 80.6
 206 22.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.868 ng

RT: 13.869 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:228 Resp: 1148630

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

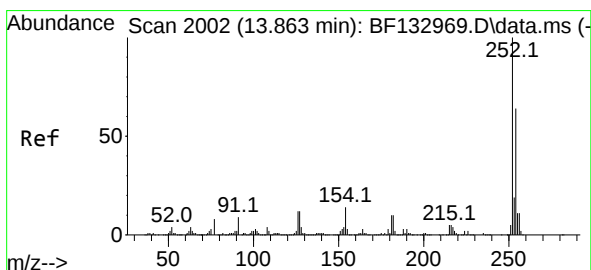
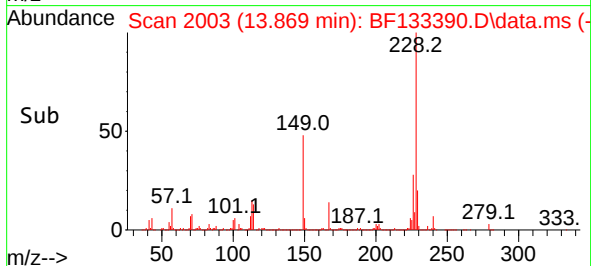
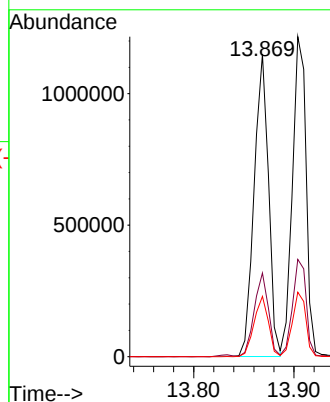
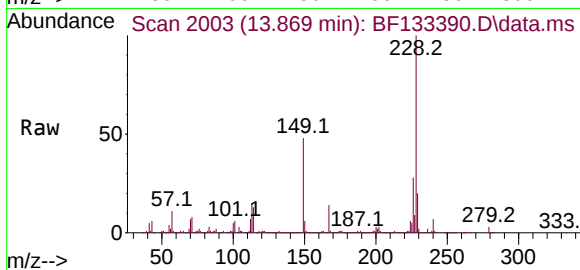
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 50.721 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

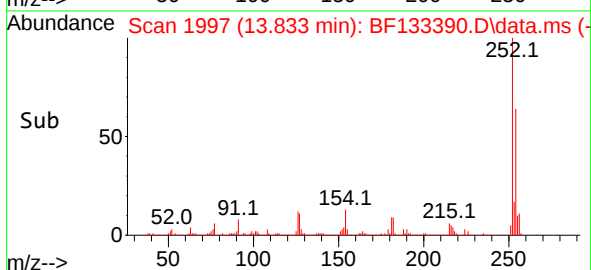
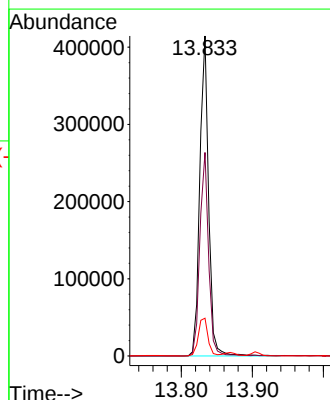
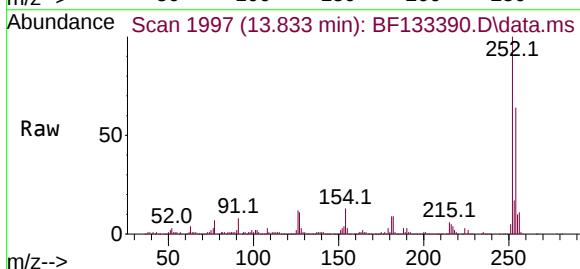
Tgt Ion:252 Resp: 358705

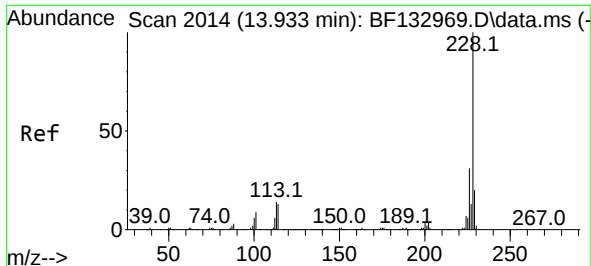
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

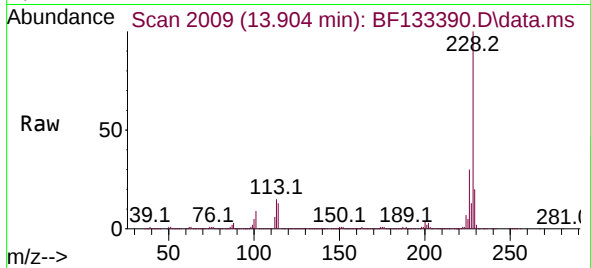
126 11.8 9.5 14.3





#83
Chrysene
Concen: 45.405 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

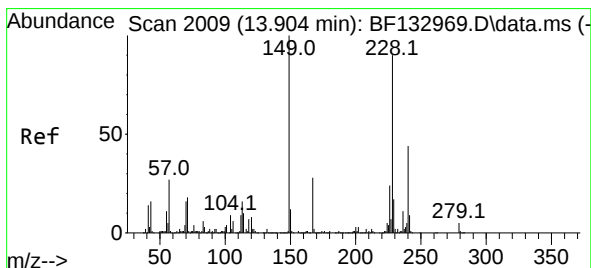
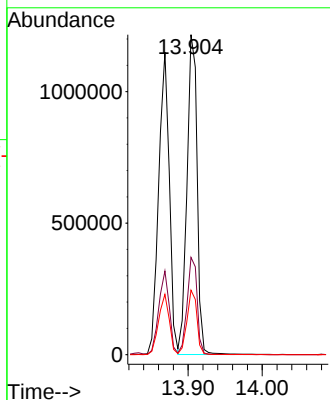
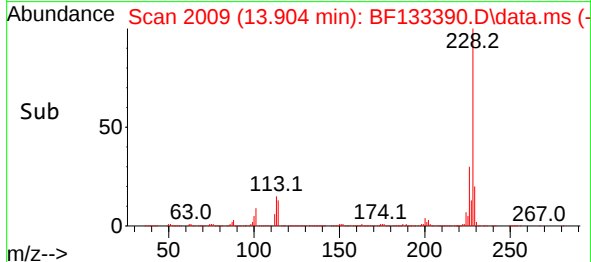
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:228 Resp: 116211
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 20.2 16.1 24.1

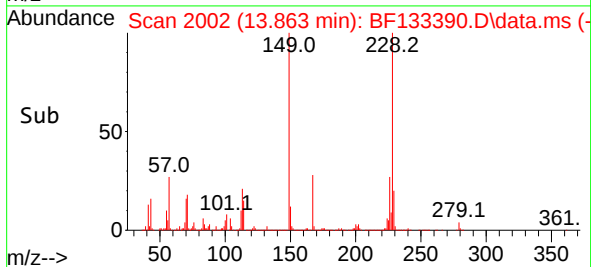
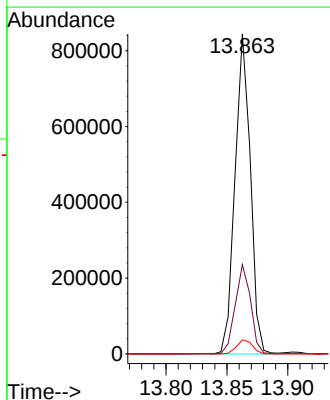
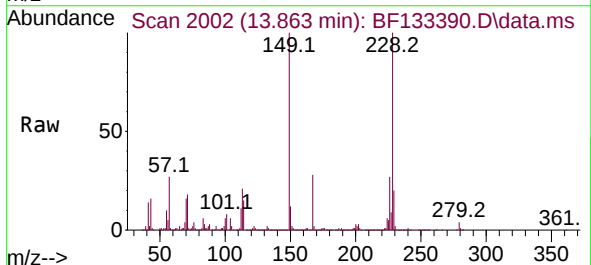
Manual Integrations
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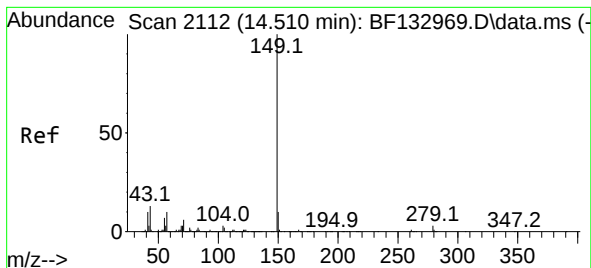
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.296 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:149 Resp: 741713
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 4.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 55.142 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:149 Resp: 127521

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

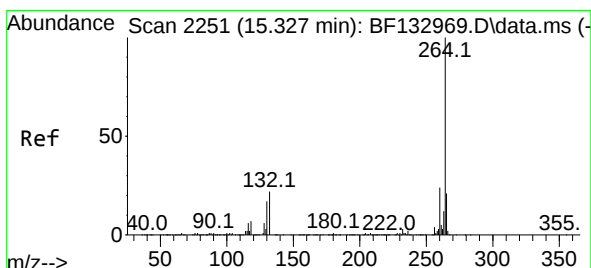
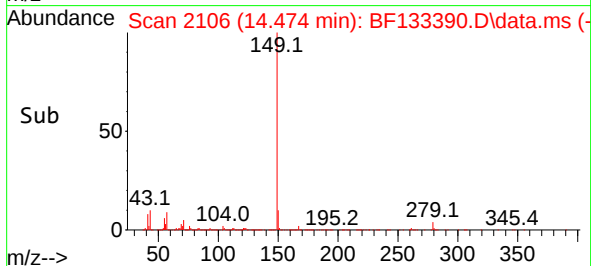
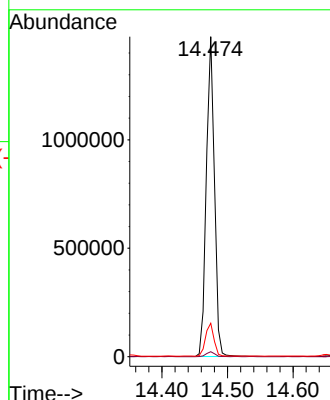
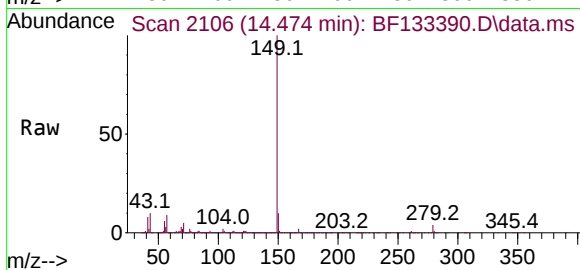
43 10.5 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

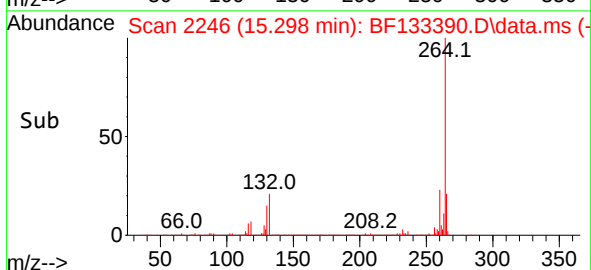
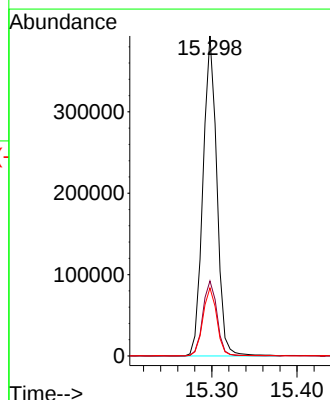
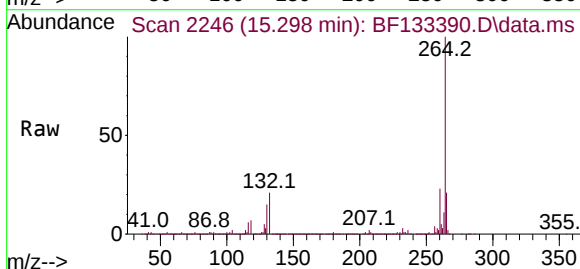
Tgt Ion:264 Resp: 445285

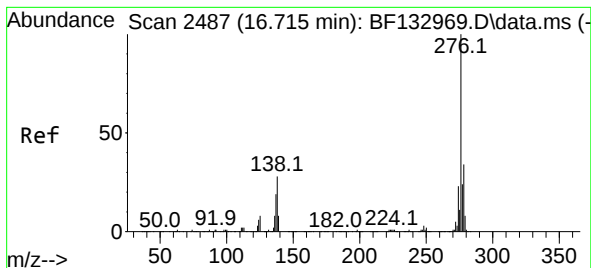
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.677 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.012 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:276 Resp: 153688

Ion Ratio Lower Upper

276 100

138 31.1 25.5 38.3

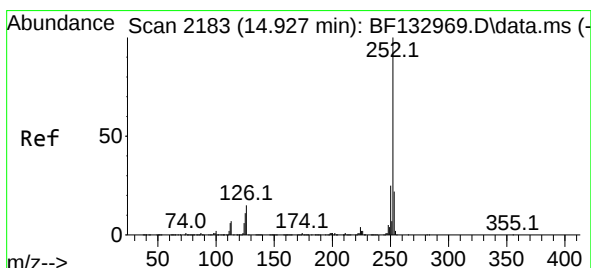
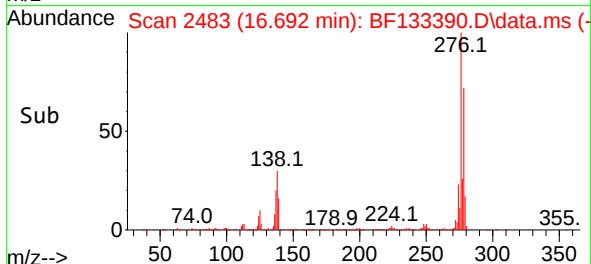
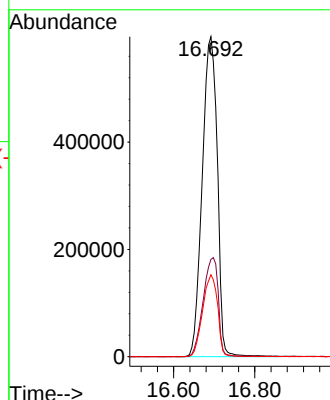
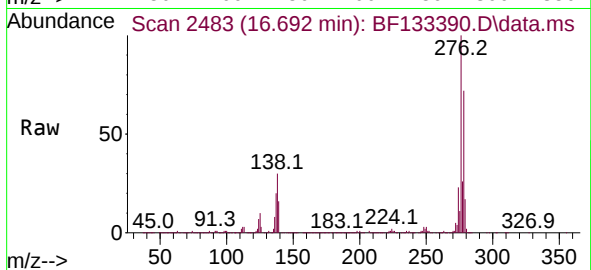
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#88

Benzo(b)fluoranthene

Concen: 44.113 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

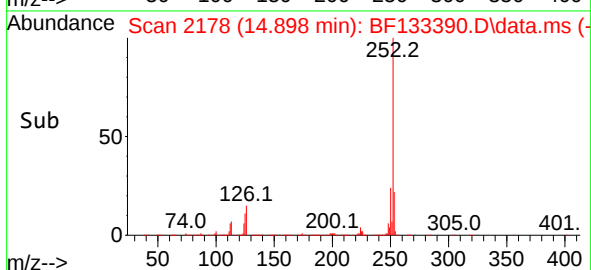
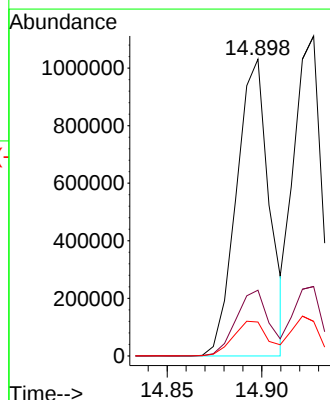
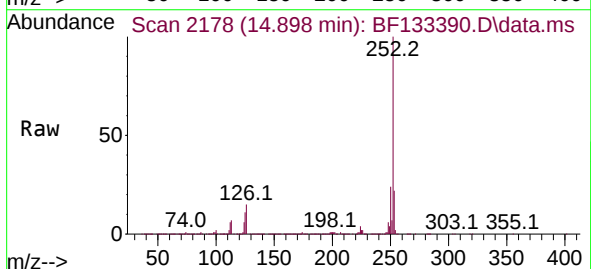
Tgt Ion:252 Resp: 1249664

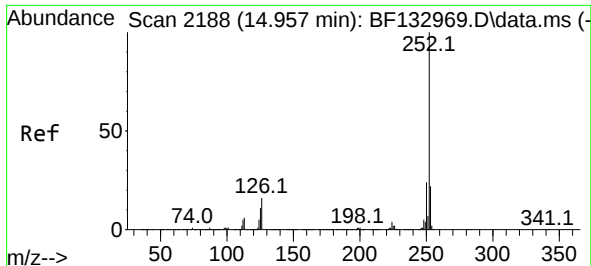
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.631 ng

RT: 14.927 min Scan# 2188

Delta R.T. 0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

Instrument :

BNA_F

ClientSampleId :

WC-N-1MSD

Tgt Ion:252 Resp: 114100

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

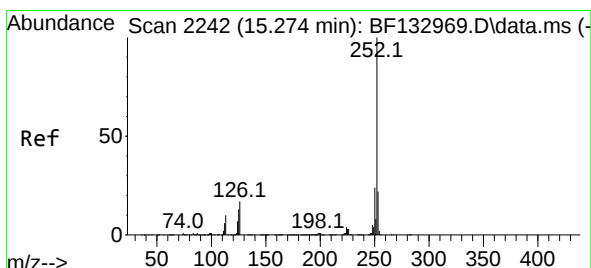
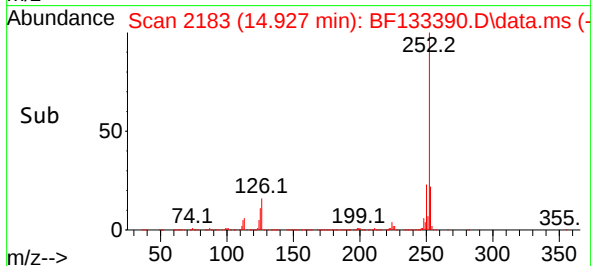
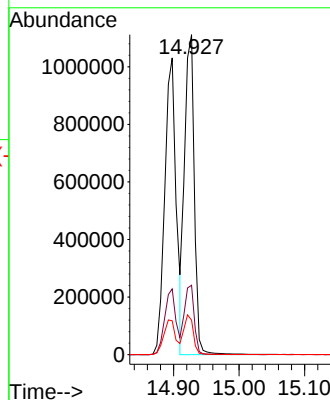
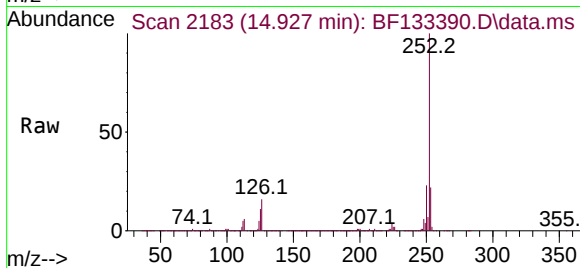
125 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 43.035 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF133390.D

Acq: 15 May 2023 18:52

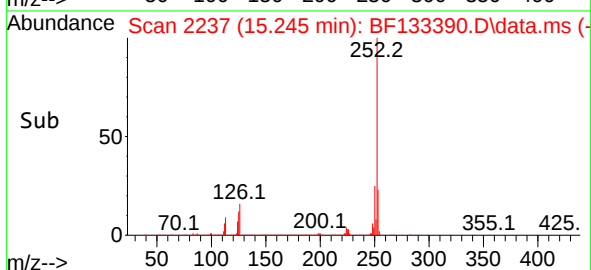
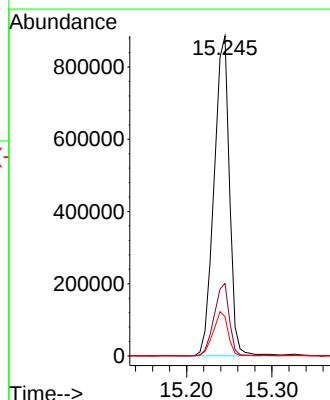
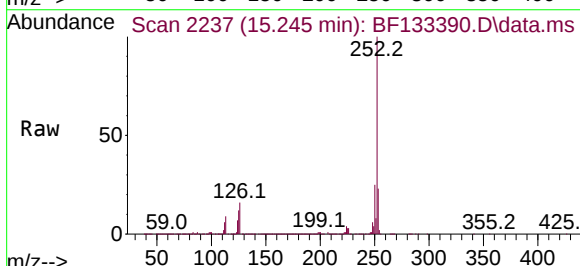
Tgt Ion:252 Resp: 1109644

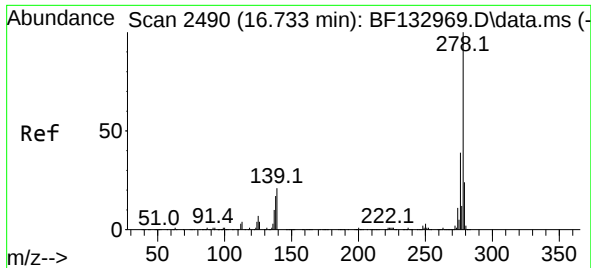
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

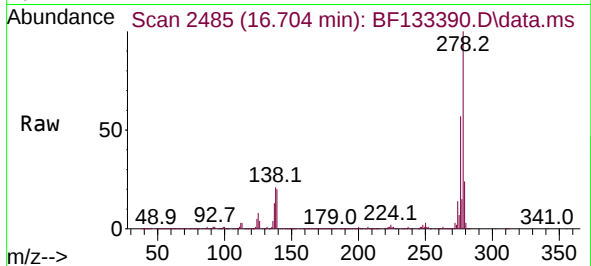
125 12.3 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 60.187 ng
RT: 16.704 min Scan# 2490
Delta R.T. 0.012 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

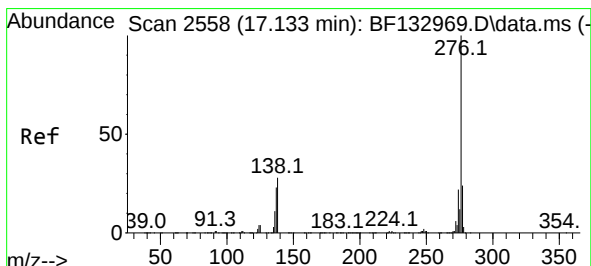
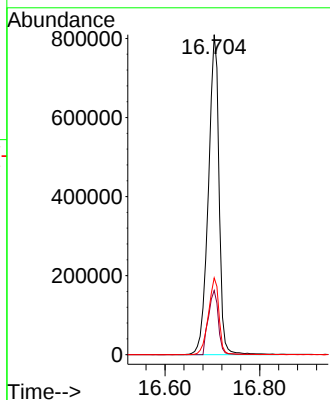
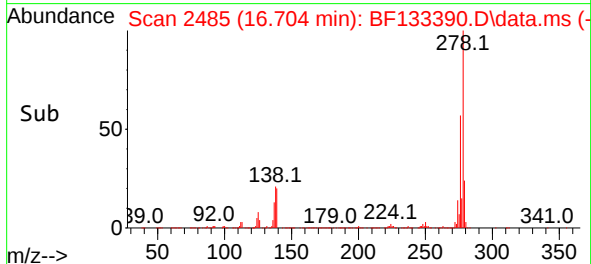
Instrument :
BNA_F
ClientSampleId :
WC-N-1MSD



Tgt Ion:278 Resp: 1271479
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 62.931 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.018 min
Lab File: BF133390.D
Acq: 15 May 2023 18:52

Tgt Ion:276 Resp: 1312504
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 26.3 22.7 34.1

