

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133533.D
 Acq On : 30 May 2023 20:59
 Operator : CG\JU
 Sample : 02955-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC25MSD

Quant Time: May 31 05:22:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	139664	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	531231	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	259930	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	484386	20.000	ng	0.00
76) Chrysene-d12	14.004	240	264708	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	286174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	755623	90.269	ng	0.01
7) Phenol-d6	6.463	99	944415	91.650	ng	0.00
23) Nitrobenzene-d5	7.398	82	587811	73.880	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	262586	101.344	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1060183	62.953	ng	0.00
79) Terphenyl-d14	12.945	244	1027044	68.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	155838	41.221	ng	97
3) Pyridine	3.369	79	408988	38.583	ng	98
4) n-Nitrosodimethylamine	3.328	42	261073	45.161	ng	99
6) Aniline	6.493	93	565732	40.435	ng	99
8) 2-Chlorophenol	6.616	128	410999	49.829	ng	96
9) Benzaldehyde	6.381	77	256216	52.520	ng	96
10) Phenol	6.475	94	494119m	47.800	ng	
11) bis(2-Chloroethyl)ether	6.569	93	386102	45.175	ng	96
12) 1,3-Dichlorobenzene	6.775	146	431067	47.075	ng	99
13) 1,4-Dichlorobenzene	6.851	146	435284	47.415	ng	99
14) 1,2-Dichlorobenzene	7.004	146	417926	49.332	ng	98
15) Benzyl Alcohol	6.975	79	370684	47.382	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	734079	45.286	ng	100
17) 2-Methylphenol	7.087	107	342504	43.850	ng	98
18) Hexachloroethane	7.345	117	155693	49.046	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	281967	42.292	ng	98
20) 3+4-Methylphenols	7.240	107	406973	46.086	ng	94
22) Acetophenone	7.245	105	539233	44.078	ng	# 98
24) Nitrobenzene	7.416	77	444454	52.427	ng	99
25) Isophorone	7.657	82	811285	43.752	ng	99
26) 2-Nitrophenol	7.734	139	212161	53.961	ng	99
27) 2,4-Dimethylphenol	7.769	122	371749	47.118	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	469133	43.631	ng	99
29) 2,4-Dichlorophenol	7.975	162	333392	46.968	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	344916	44.924	ng	99
31) Naphthalene	8.139	128	1128960	43.835	ng	100
32) Benzoic acid	7.887	122	272989	51.835	ng	98
33) 4-Chloroaniline	8.187	127	273946	24.818	ng	96
34) Hexachlorobutadiene	8.257	225	203007	43.468	ng	98
35) Caprolactam	8.569	113	123960m	53.249	ng	
36) 4-Chloro-3-methylphenol	8.663	107	373124	46.926	ng	99
37) 2-Methylnaphthalene	8.828	142	742386	42.218	ng	99
38) 1-Methylnaphthalene	8.928	142	706514	43.102	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	333913	43.343	ng	99
41) Hexachlorocyclopentadiene	8.981	237	326198	82.624	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	239245	48.532	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133533.D
 Acq On : 30 May 2023 20:59
 Operator : CG\JU
 Sample : 02955-05MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC25MSD

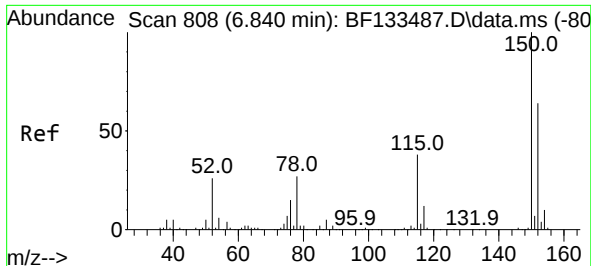
Quant Time: May 31 05:22:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

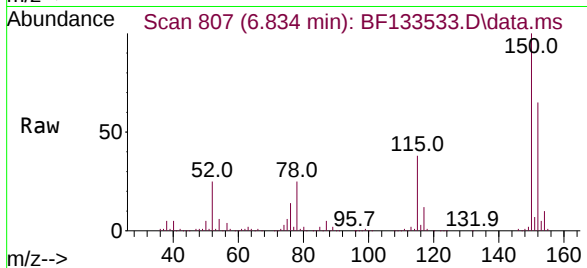
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	259122	45.286	ng	95
46) 1,1'-Biphenyl	9.298	154	929259	44.003	ng	98
47) 2-Chloronaphthalene	9.322	162	678319	44.320	ng	99
48) 2-Nitroaniline	9.416	65	246641	50.010	ng	97
49) Acenaphthylene	9.733	152	1144238	43.810	ng	99
50) Dimethylphthalate	9.598	163	814800	44.601	ng	100
51) 2,6-Dinitrotoluene	9.657	165	179179	51.310	ng	98
52) Acenaphthene	9.910	154	758271	47.927	ng	100
53) 3-Nitroaniline	9.828	138	171721	40.002	ng #	91
54) 2,4-Dinitrophenol	9.928	184	148700	83.039	ng	93
55) Dibenzofuran	10.081	168	1033206	43.894	ng	99
56) 4-Nitrophenol	9.986	139	323961	103.648	ng	99
57) 2,4-Dinitrotoluene	10.063	165	235453	53.961	ng	86
58) Fluorene	10.422	166	743079	43.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	212159	49.233	ng	99
60) Diethylphthalate	10.298	149	834748	44.016	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	348698	42.110	ng	99
62) 4-Nitroaniline	10.445	138	204452	46.681	ng	99
63) Azobenzene	10.575	77	858095	45.201	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	99278	49.735	ng	94
66) n-Nitrosodiphenylamine	10.533	169	701145	44.586	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	229726	44.657	ng	99
68) Hexachlorobenzene	10.969	284	255746	47.541	ng	96
69) Atrazine	11.063	200	235133	54.495	ng	98
70) Pentachlorophenol	11.163	266	273761	85.110	ng	99
71) Phenanthrene	11.386	178	1095998	44.673	ng	99
72) Anthracene	11.439	178	1105168	43.769	ng	99
73) Carbazole	11.592	167	1052024	44.056	ng	100
74) Di-n-butylphthalate	11.927	149	1269795	44.970	ng	99
75) Fluoranthene	12.575	202	1092591	40.318	ng	99
77) Benzidine	12.698	184	603257	77.919	ng	99
78) Pyrene	12.804	202	1095716	48.643	ng	99
80) Butylbenzylphthalate	13.427	149	471385	52.891	ng	96
81) Benzo(a)anthracene	13.992	228	801390	45.446	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	257737	46.755	ng	97
83) Chrysene	14.027	228	798078	44.831	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	554739	49.796	ng	99
85) Di-n-octyl phthalate	14.604	149	966717	52.092	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	830132	45.539	ng	100
88) Benzo(b)fluoranthene	15.033	252	878704	47.154	ng	99
89) Benzo(k)fluoranthene	15.063	252	731920	40.281	ng	98
90) Benzo(a)pyrene	15.398	252	718414	42.368	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	684475	46.312	ng	100
92) Benzo(g,h,i)perylene	17.345	276	651917	43.745	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59

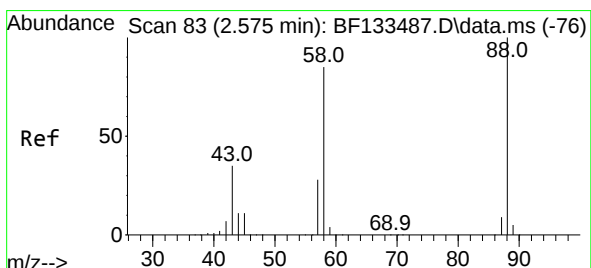
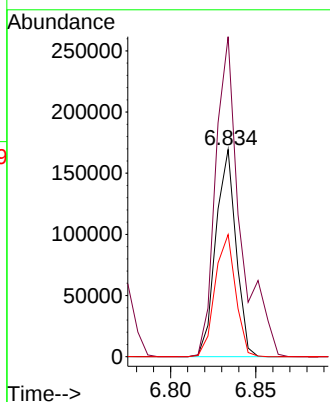
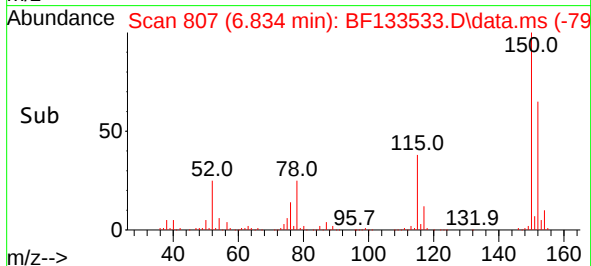
Instrument :
 BNA_F
 ClientSampleId :
 WC25MSD



Tgt Ion:152 Resp: 139664
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.9 187.3
 115 58.9 48.1 72.1

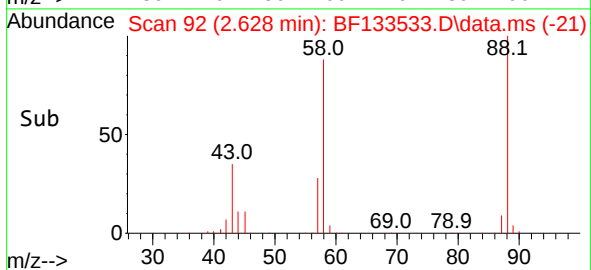
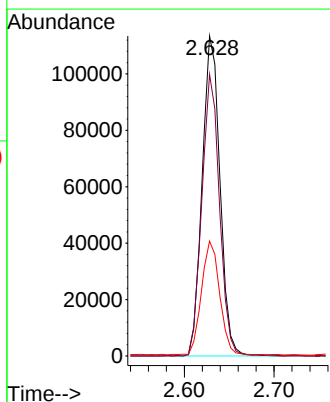
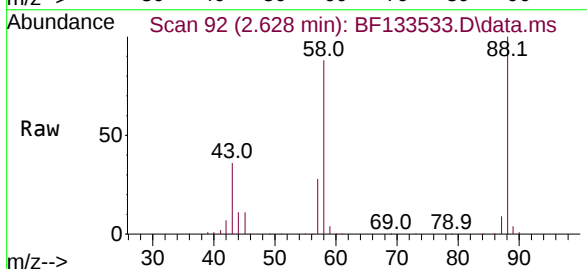
Manual Integrations
 APPROVED

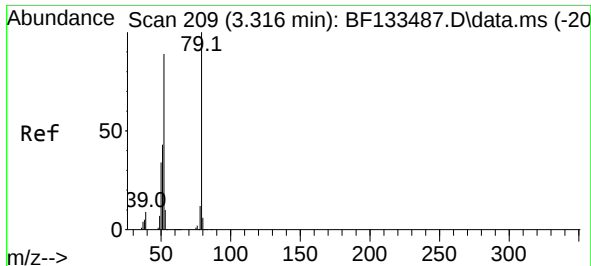
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#2
 1,4-Dioxane
 Concen: 41.221 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.070 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59

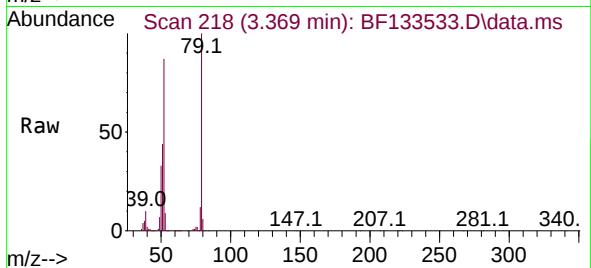
Tgt Ion: 88 Resp: 155838
 Ion Ratio Lower Upper
 88 100
 58 87.7 67.7 101.5
 43 36.5 28.2 42.4





#3
Pyridine
Concen: 38.583 ng
RT: 3.369 min Scan# 210
Delta R.T. 0.070 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

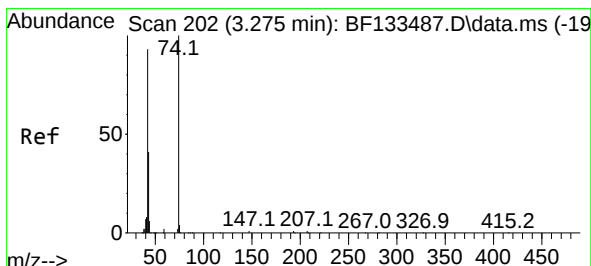
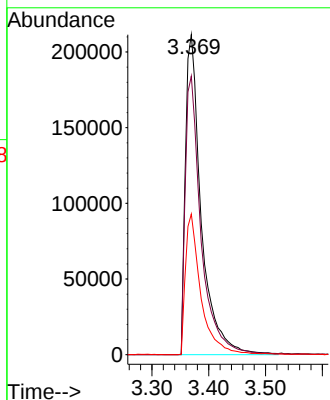
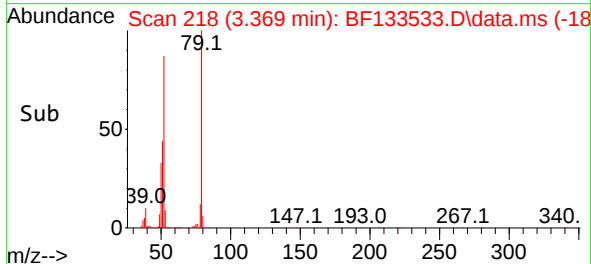
Instrument :
BNA_F
ClientSampleId :
WC25MSD



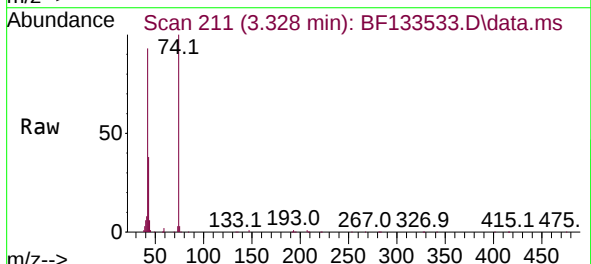
Tgt Ion: 79 Resp: 40898
Ion Ratio Lower Upper
79 100
52 87.0 71.3 106.9
51 44.0 34.4 51.6

Manual Integrations
APPROVED

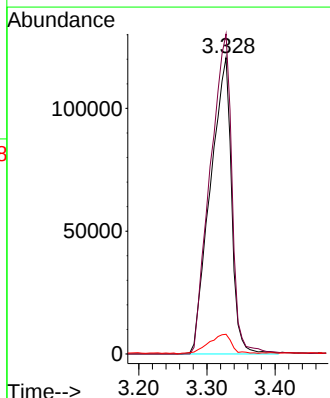
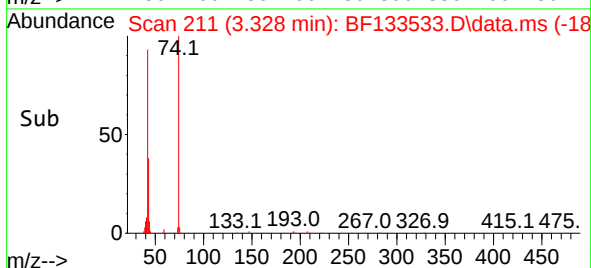
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

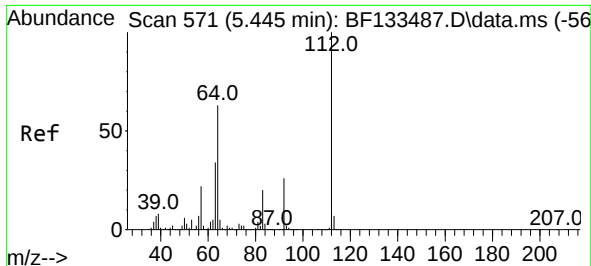


#4
n-Nitrosodimethylamine
Concen: 45.161 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.070 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



Tgt Ion: 42 Resp: 261073
Ion Ratio Lower Upper
42 100
74 108.0 85.7 128.5
44 6.7 5.6 8.4





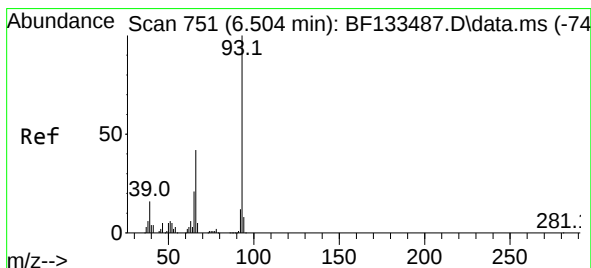
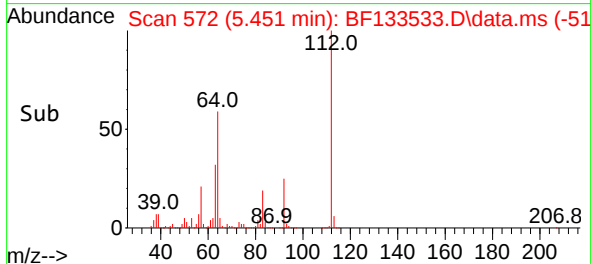
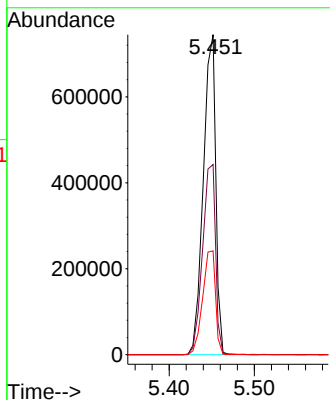
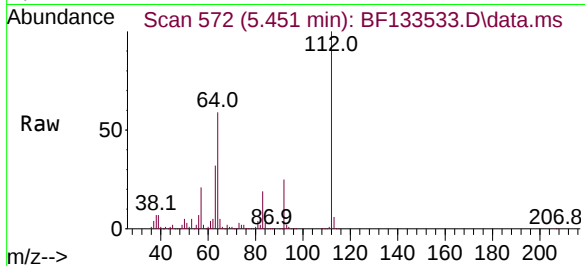
#5
2-Fluorophenol
Concen: 90.269 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion:112 Resp: 75562
Ion Ratio Lower Upper
112 100
64 59.5 50.1 75.1
63 32.4 27.5 41.3

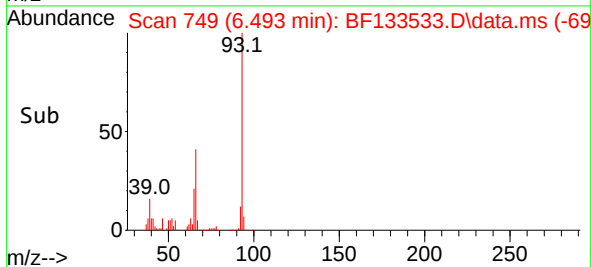
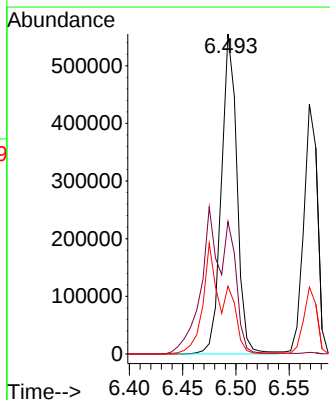
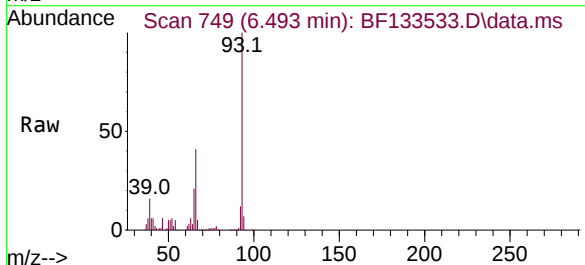
Manual Integrations
APPROVED

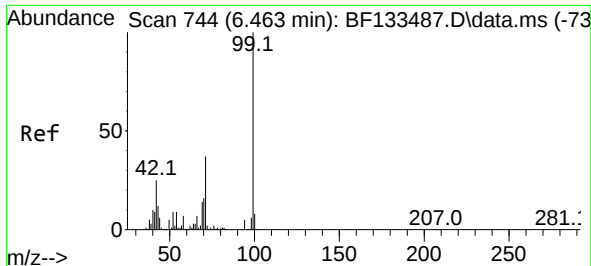
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#6
Aniline
Concen: 40.435 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

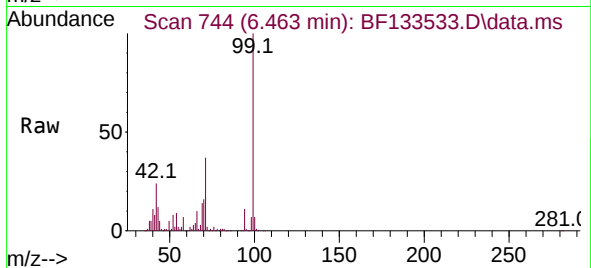
Tgt Ion: 93 Resp: 565732
Ion Ratio Lower Upper
93 100
66 41.4 33.9 50.9
65 21.1 17.2 25.8





#7
Phenol-d6
Concen: 91.650 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

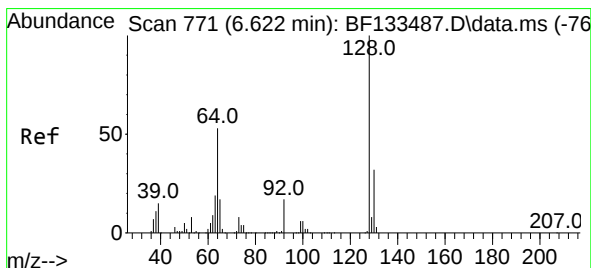
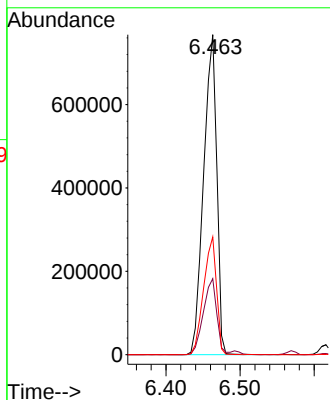
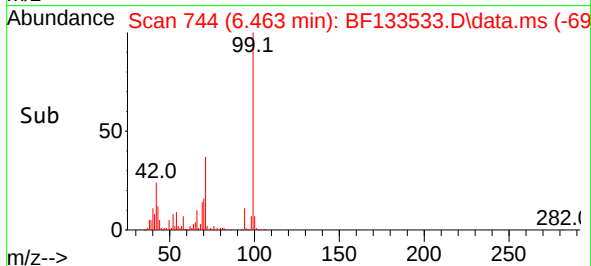
Instrument :
BNA_F
ClientSampleId :
WC25MSD



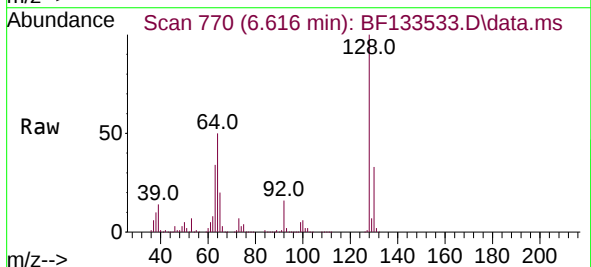
Tgt Ion: 99 Resp: 944415
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 36.8 29.8 44.8

Manual Integrations
APPROVED

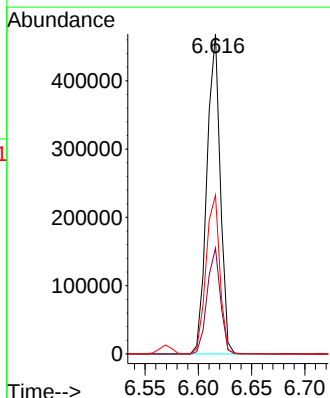
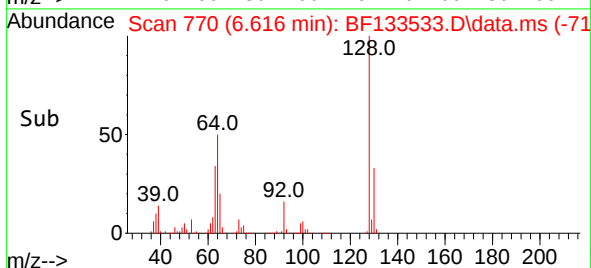
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

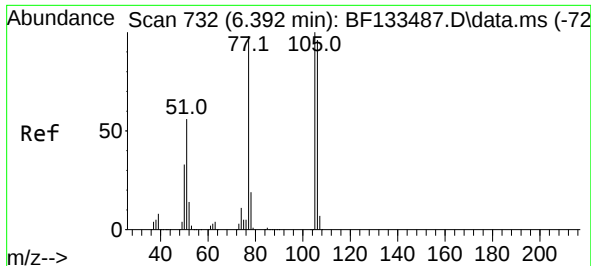


#8
2-Chlorophenol
Concen: 49.829 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



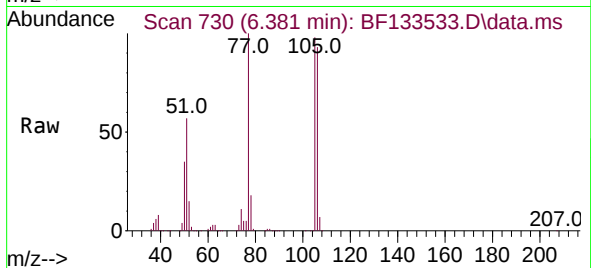
Tgt Ion:128 Resp: 410999
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 49.6 33.3 73.3





#9
Benzaldehyde
Concen: 52.520 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

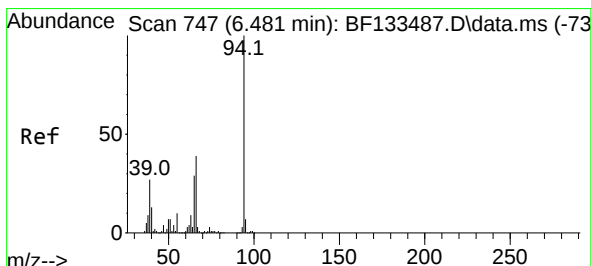
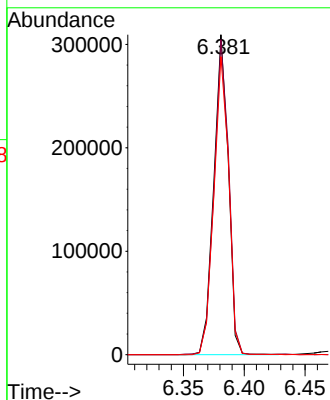
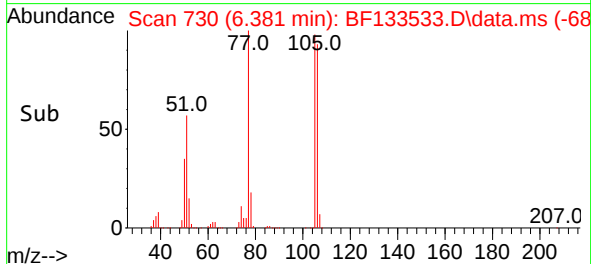
Instrument :
BNA_F
ClientSampleId :
WC25MSD



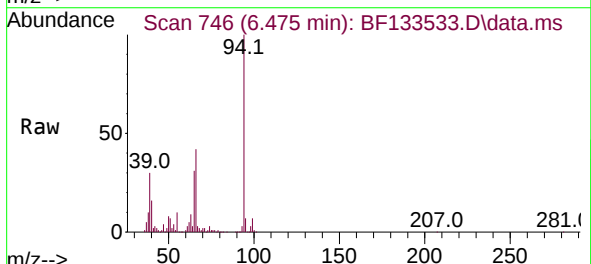
Tgt Ion: 77 Resp: 256210
Ion Ratio Lower Upper
77 100
105 98.5 81.9 121.9
106 93.2 77.8 117.8

Manual Integrations
APPROVED

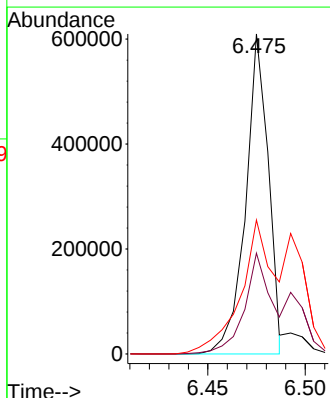
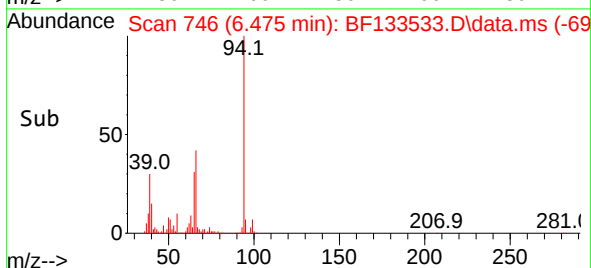
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

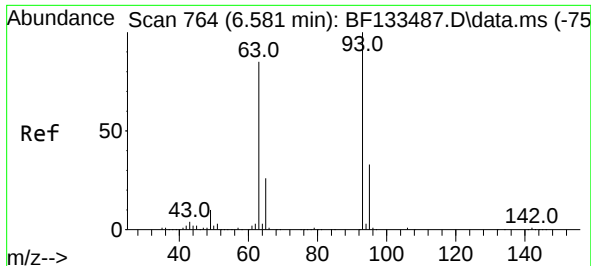


#10
Phenol
Concen: 47.800 ng m
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



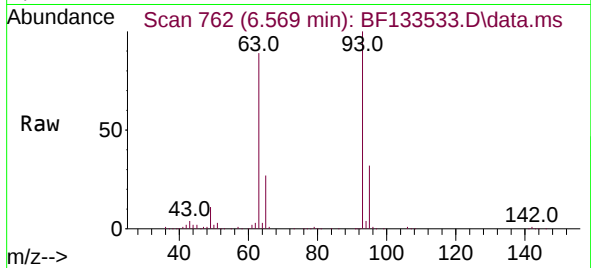
Tgt Ion: 94 Resp: 494119
Ion Ratio Lower Upper
94 100
65 31.5 9.1 49.1
66 41.9 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 45.175 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

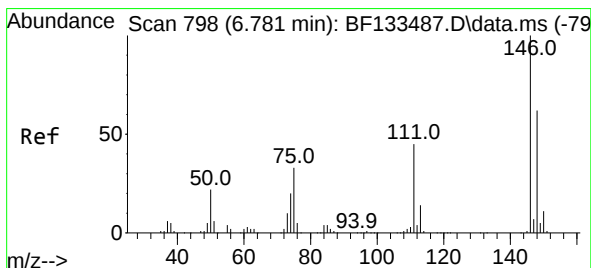
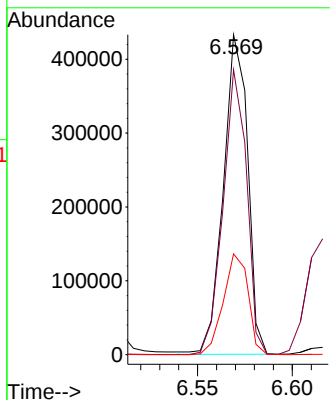
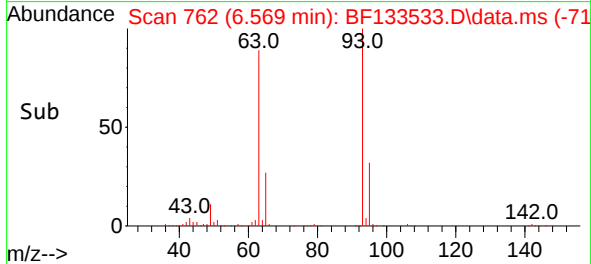
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion: 93 Resp: 38610
Ion Ratio Lower Upper
93 100
63 89.1 64.5 104.5
95 31.5 13.3 53.3

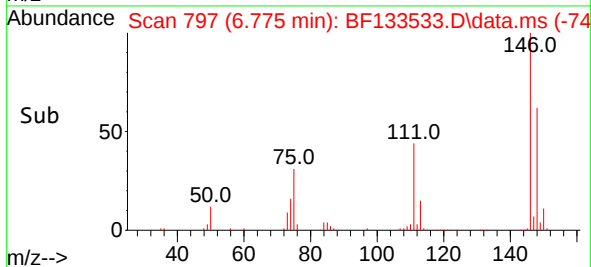
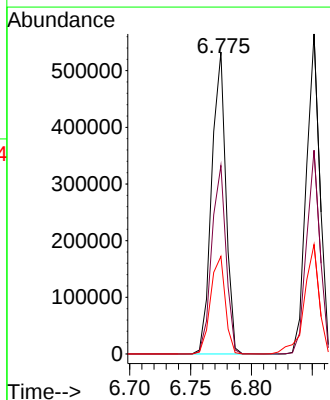
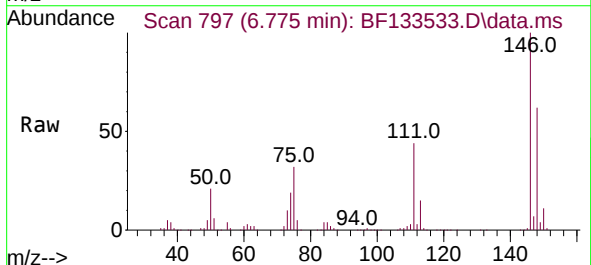
Manual Integrations
APPROVED

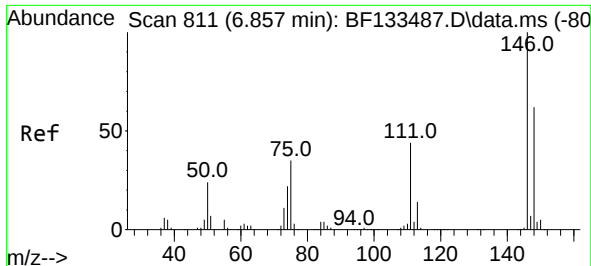
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#12
1,3-Dichlorobenzene
Concen: 47.075 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:146 Resp: 431067
Ion Ratio Lower Upper
146 100
148 62.5 49.9 74.9
75 32.3 26.7 40.1





#13

1,4-Dichlorobenzene

Concen: 47.415 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

Tgt Ion:146 Resp: 435284

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

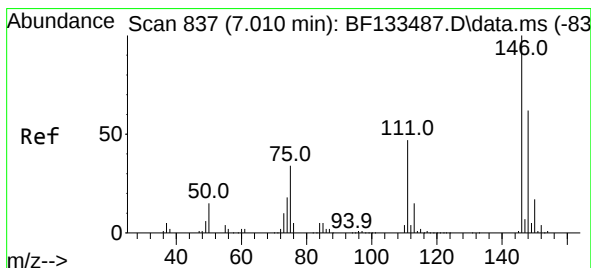
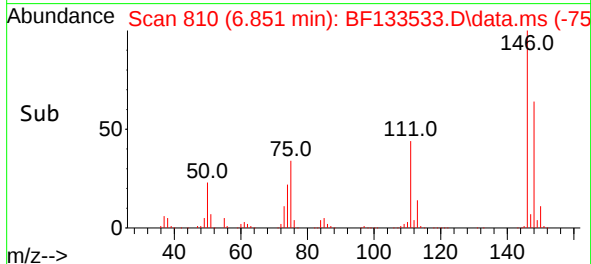
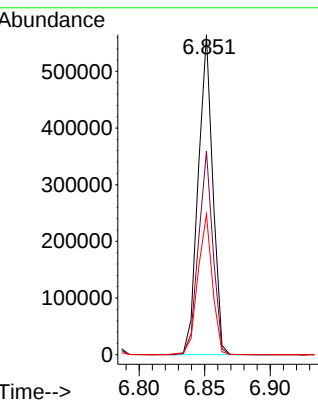
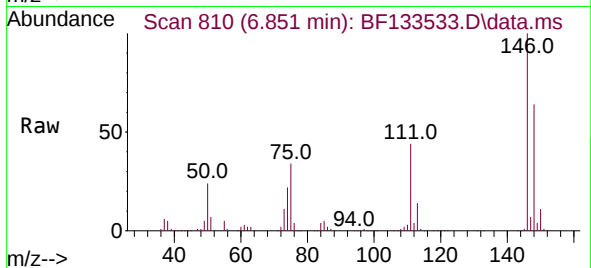
111 43.9 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#14

1,2-Dichlorobenzene

Concen: 49.332 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

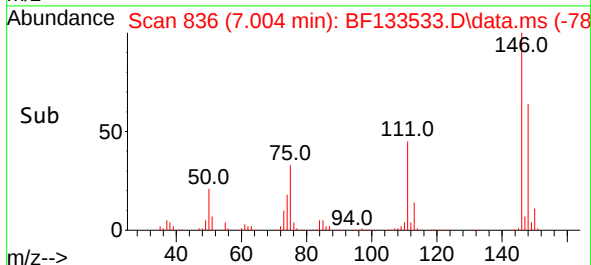
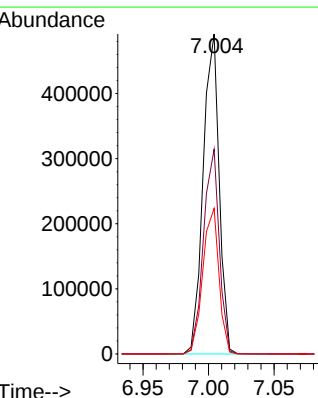
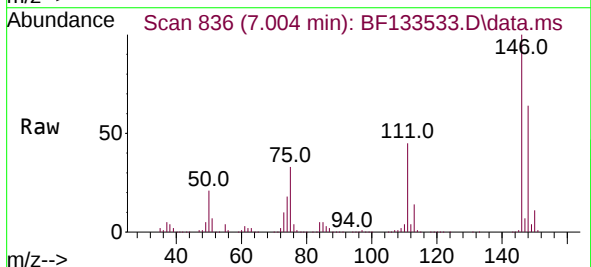
Tgt Ion:146 Resp: 417926

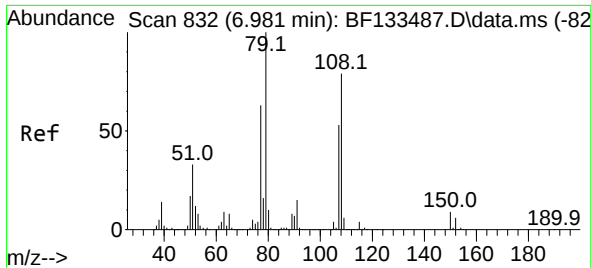
Ion Ratio Lower Upper

146 100

148 64.0 49.8 74.6

111 45.5 37.4 56.2





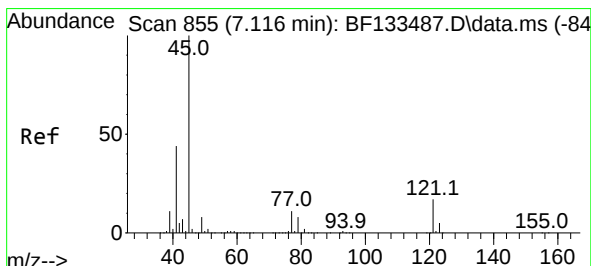
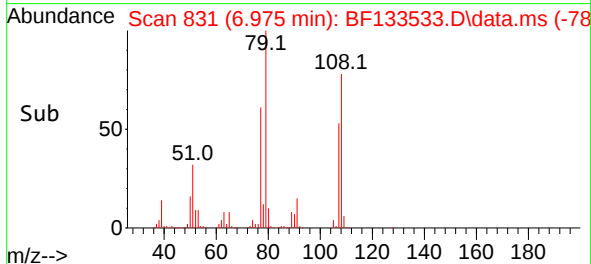
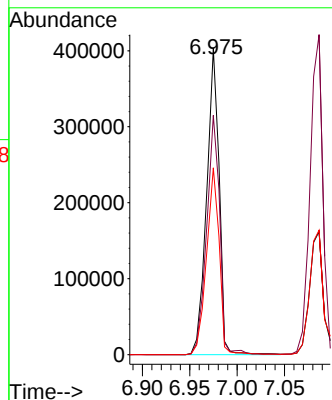
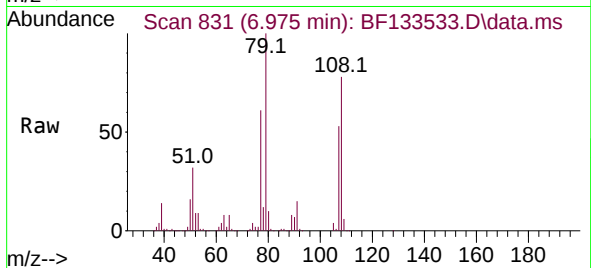
#15
Benzyl Alcohol
Concen: 47.382 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion: 79 Resp: 370684
Ion Ratio Lower Upper
79 100
108 78.1 63.2 94.8
77 61.0 50.3 75.5

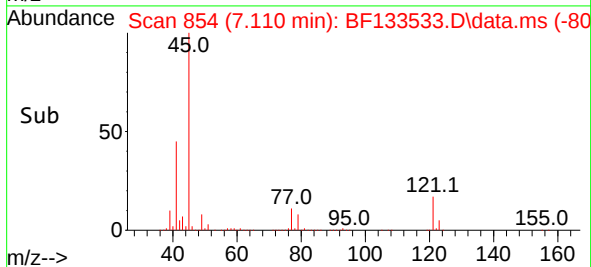
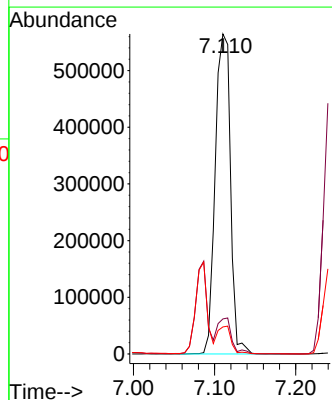
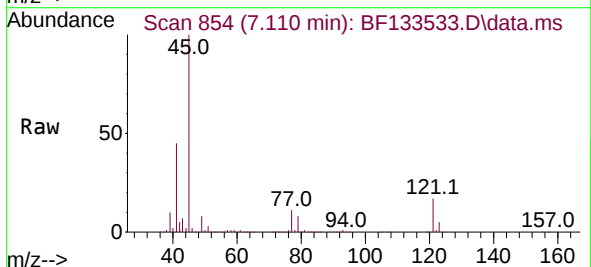
Manual Integrations
APPROVED

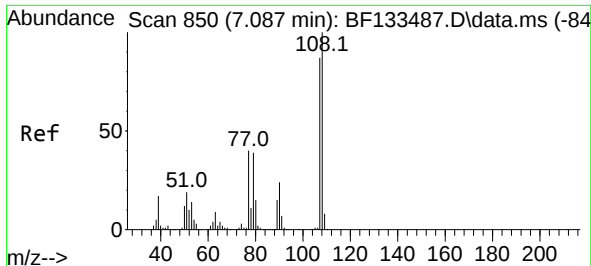
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.286 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

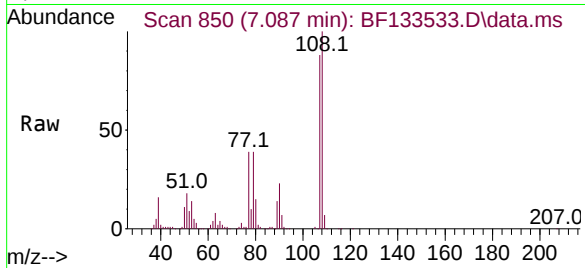
Tgt Ion: 45 Resp: 734079
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.8
79 8.4 0.0 28.2





#17
2-Methylphenol
Concen: 43.850 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

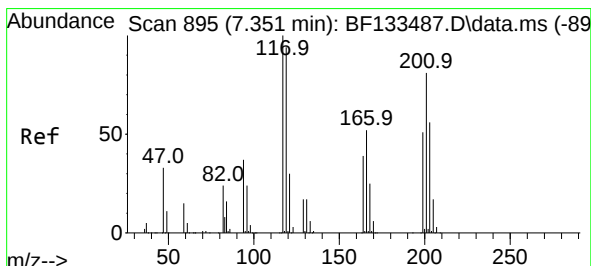
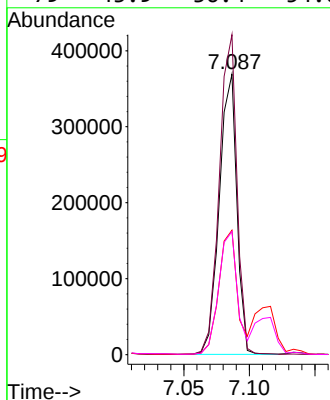
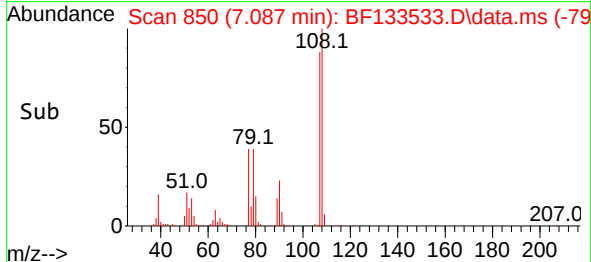
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:	107	Resp:	342504
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.2	138.4
77	44.4	37.1	55.7
79	43.9	36.4	54.6

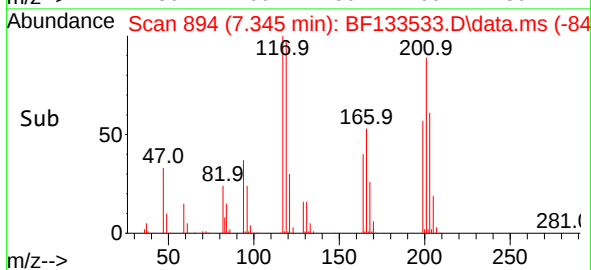
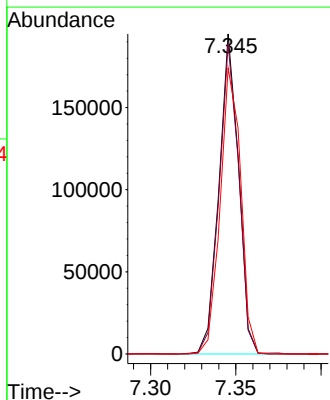
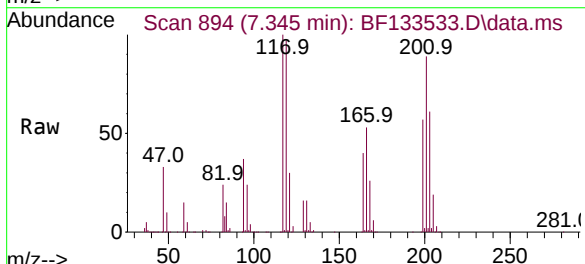
Manual Integrations
APPROVED

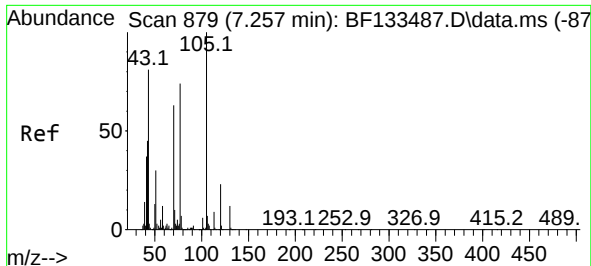
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#18
Hexachloroethane
Concen: 49.046 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

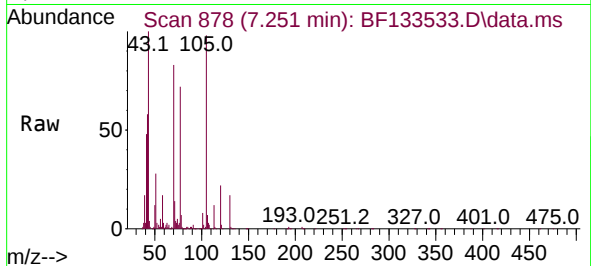
Tgt Ion:	117	Resp:	155693
Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.9	112.3
201	89.4	64.8	97.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.292 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

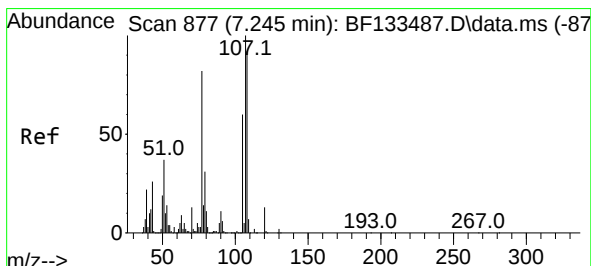
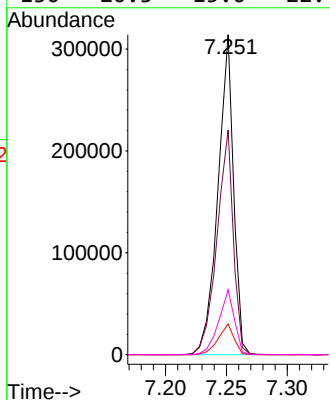
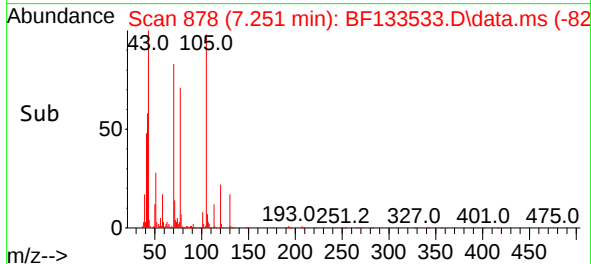
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion: 70 Resp: 28196
Ion Ratio Lower Upper
70 100
42 70.2 57.2 85.8
101 9.6 7.3 10.9
130 20.3 15.0 22.4

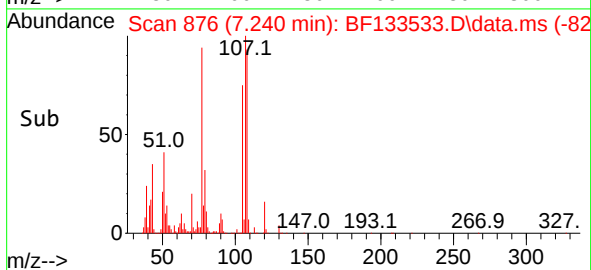
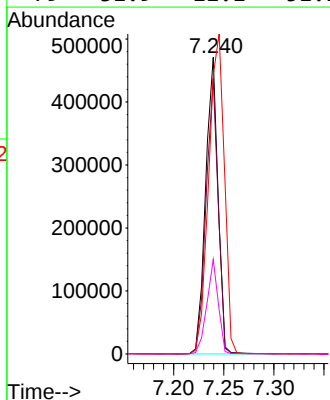
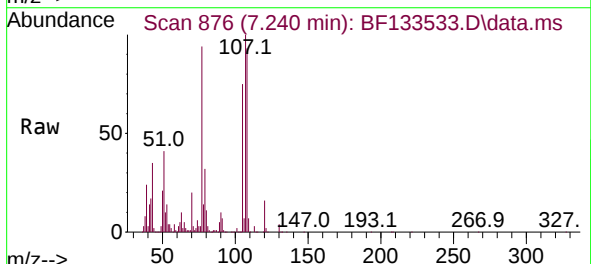
Manual Integrations
APPROVED

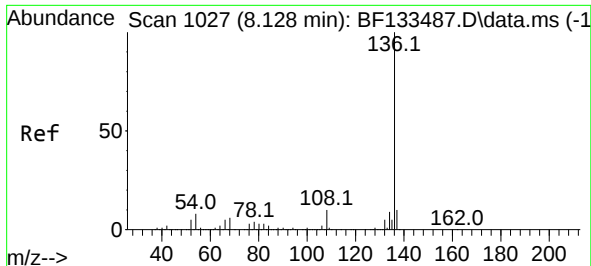
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#20
3+4-Methylphenols
Concen: 46.086 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

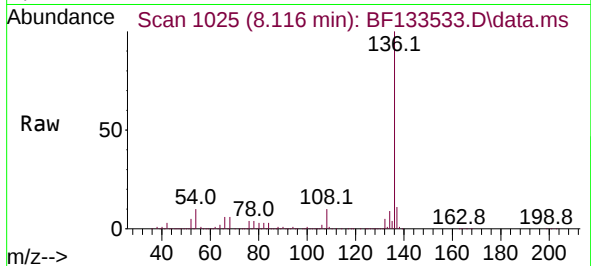
Tgt Ion:107 Resp: 406973
Ion Ratio Lower Upper
107 100
108 92.9 72.0 112.0
77 94.0 61.9 101.9
79 31.9 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

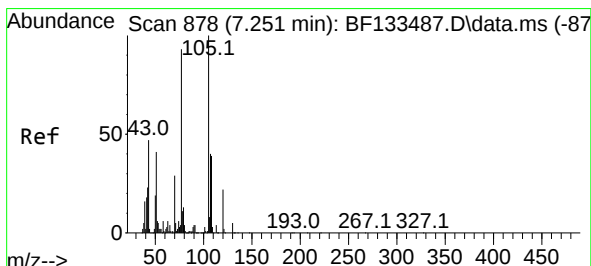
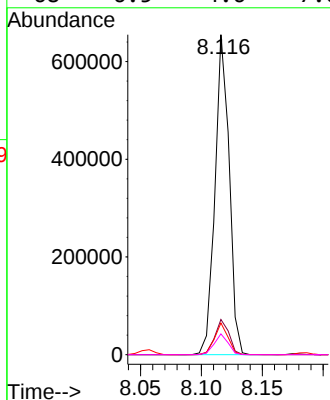
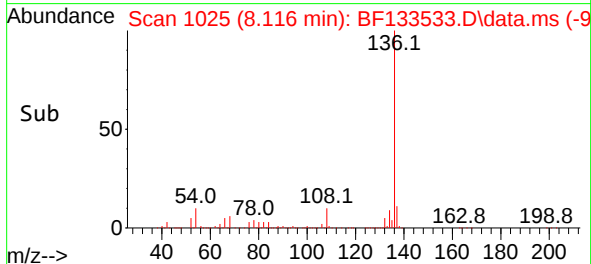
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:136 Resp: 531233
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.9 6.6 10.0
68 6.5 4.6 7.0

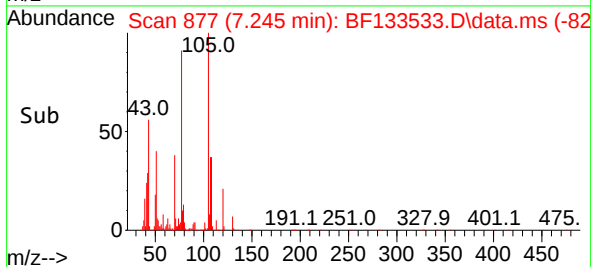
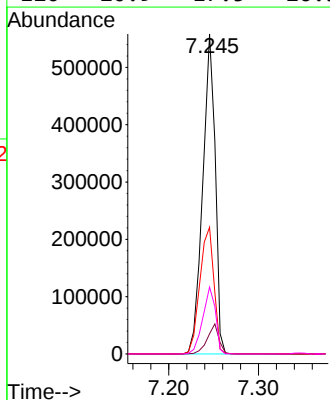
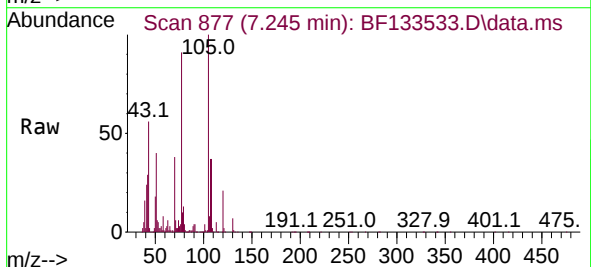
Manual Integrations
APPROVED

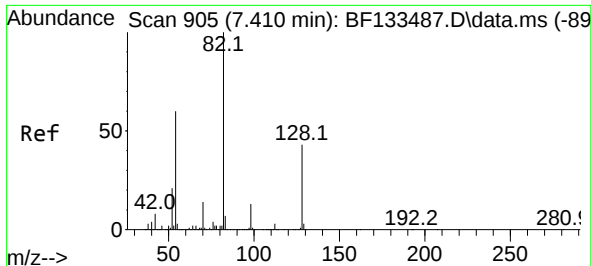
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#22
Acetophenone
Concen: 44.078 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:105 Resp: 539233
Ion Ratio Lower Upper
105 100
71 6.3 3.8 5.8#
51 39.6 32.6 49.0
120 20.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 73.880 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133533.D

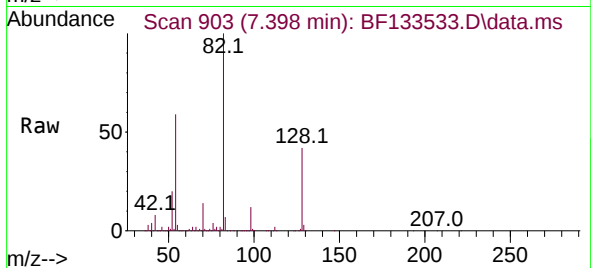
Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD



Tgt Ion: 82 Resp: 58781

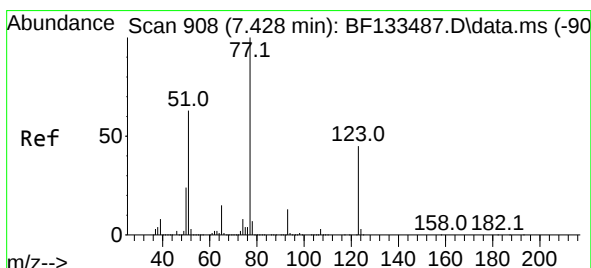
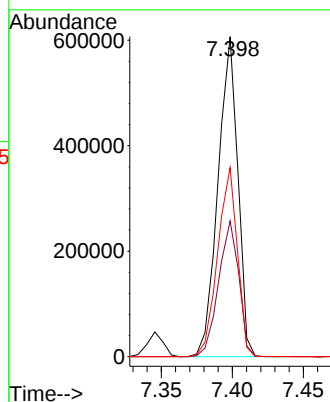
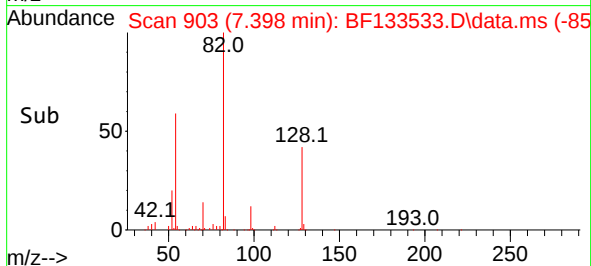
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.4
54	59.1	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#24

Nitrobenzene

Concen: 52.427 ng

RT: 7.416 min Scan# 906

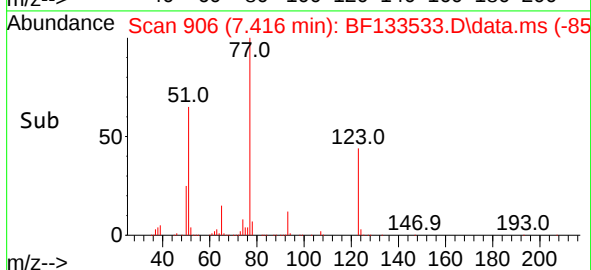
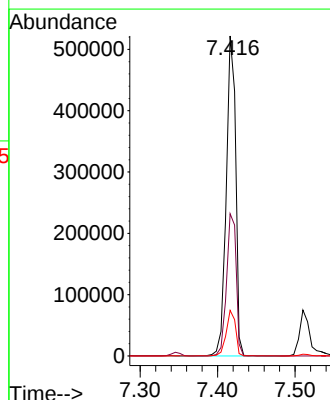
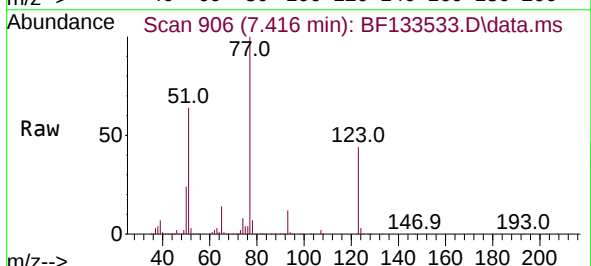
Delta R.T. -0.006 min

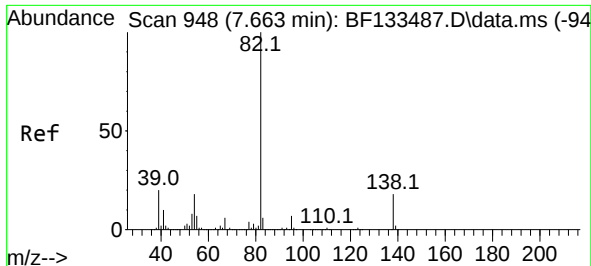
Lab File: BF133533.D

Acq: 30 May 2023 20:59

Tgt Ion: 77 Resp: 444454

Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.8	53.8
65	14.3	11.8	17.8





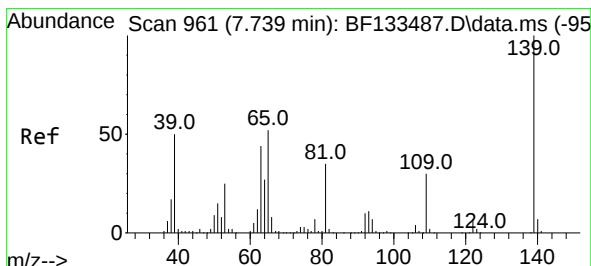
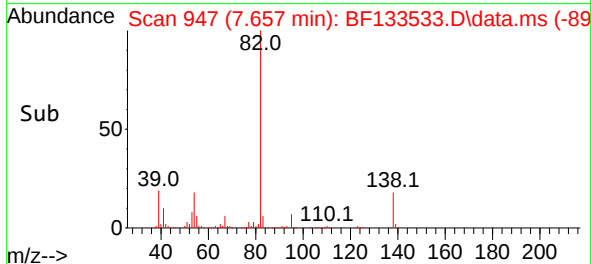
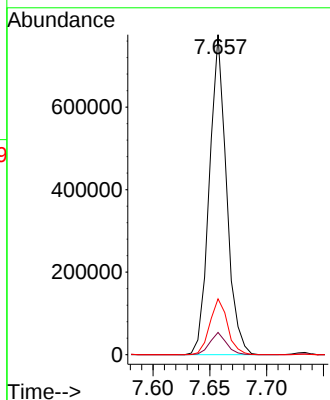
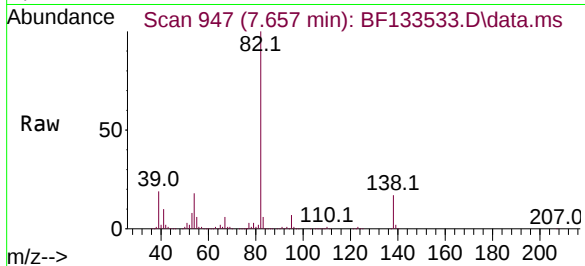
#25
Isophorone
Concen: 43.752 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion: 82 Resp: 811285
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.5 14.2 21.4

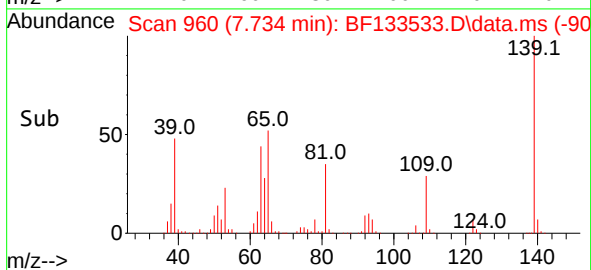
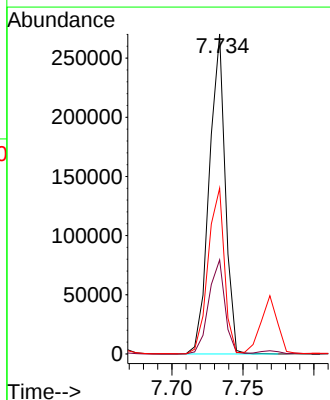
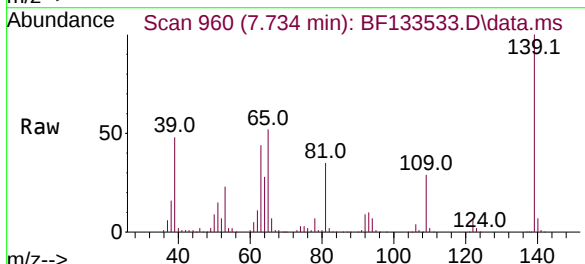
Manual Integrations
APPROVED

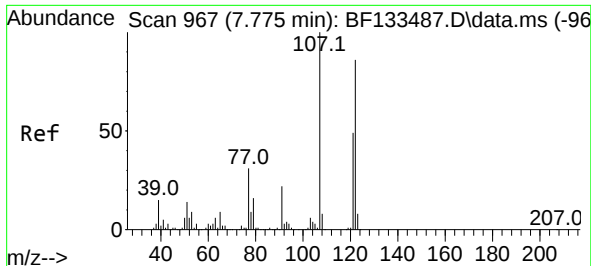
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#26
2-Nitrophenol
Concen: 53.961 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:139 Resp: 212161
Ion Ratio Lower Upper
139 100
109 29.4 24.0 36.0
65 51.8 41.7 62.5





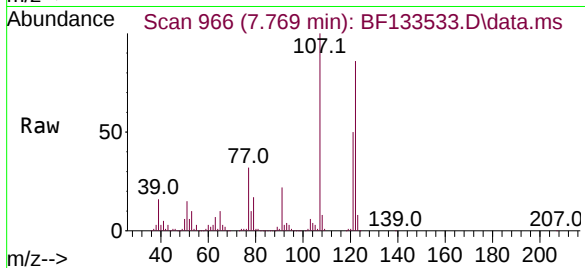
#27
2,4-Dimethylphenol
Concen: 47.118 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

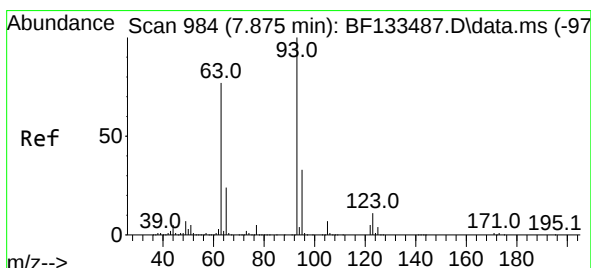
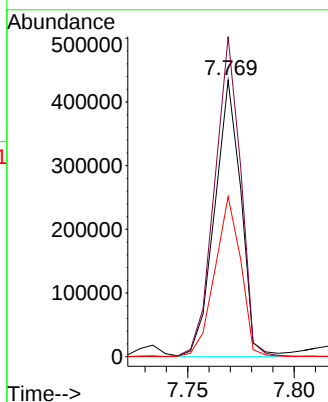
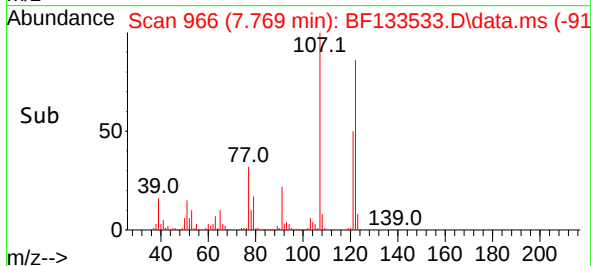


Tgt Ion:122 Resp: 371749
Ion Ratio Lower Upper
122 100
107 115.7 93.4 140.0
121 57.9 45.6 68.4

Manual Integrations

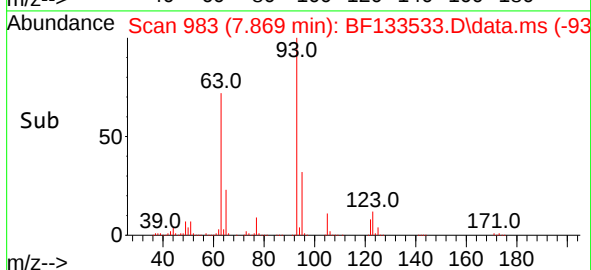
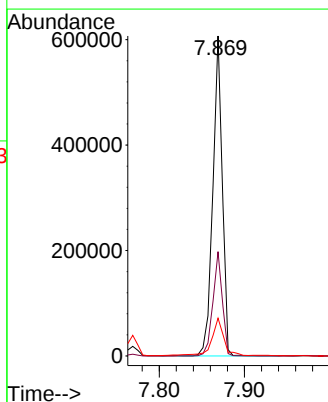
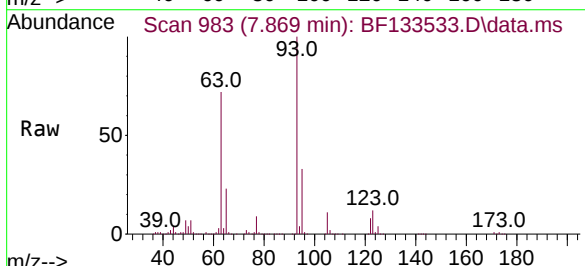
APPROVED

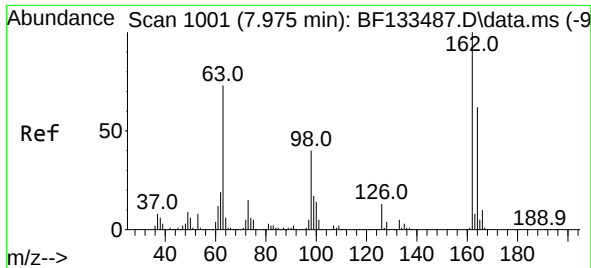
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.631 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion: 93 Resp: 469133
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.968 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

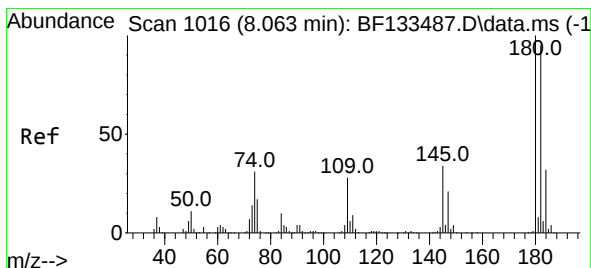
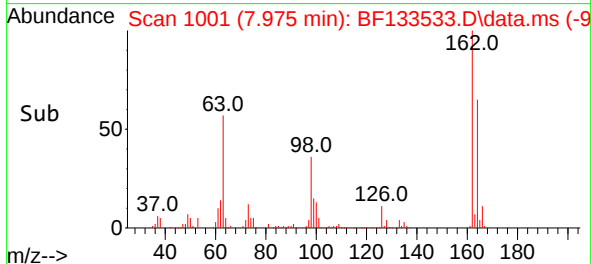
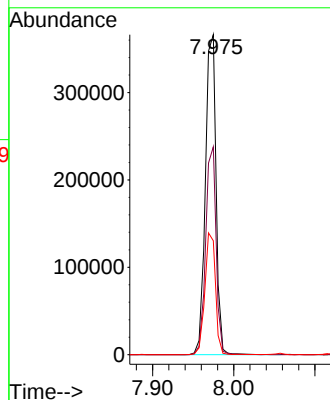
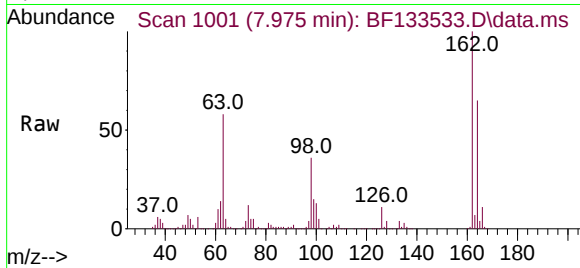
Tgt Ion:162 Resp: 333392
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.2 82.2
 98 35.6 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.924 ng

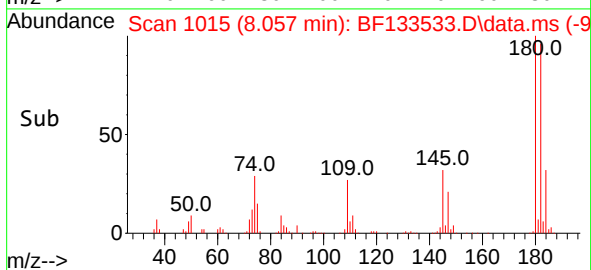
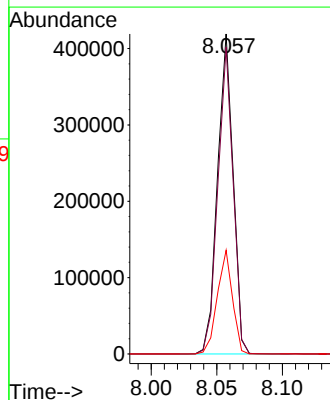
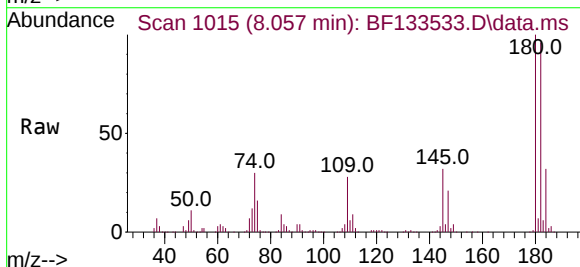
RT: 8.057 min Scan# 1015

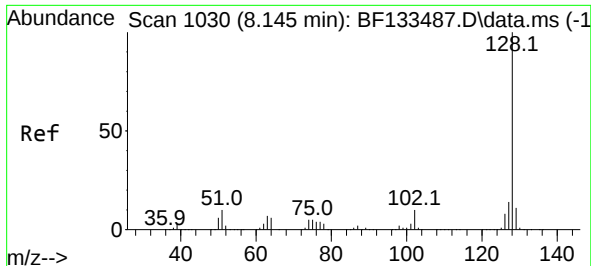
Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

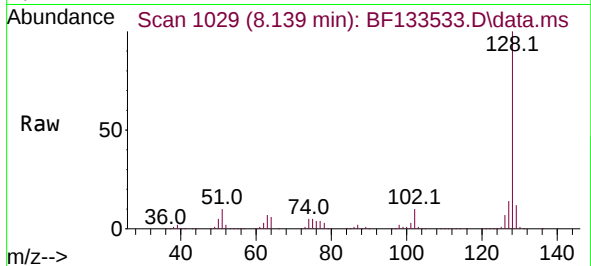
Tgt Ion:180 Resp: 344916
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.1 114.1
 145 32.4 27.0 40.4





#31
Naphthalene
Concen: 43.835 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

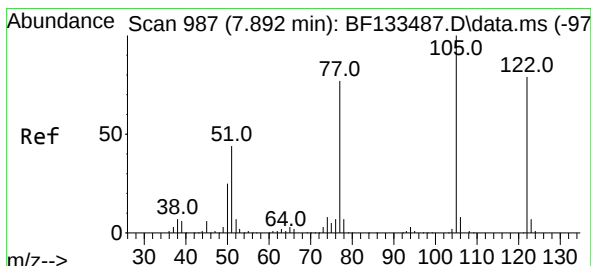
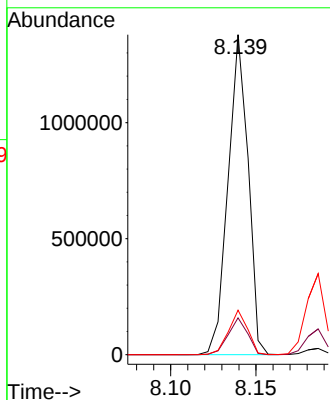
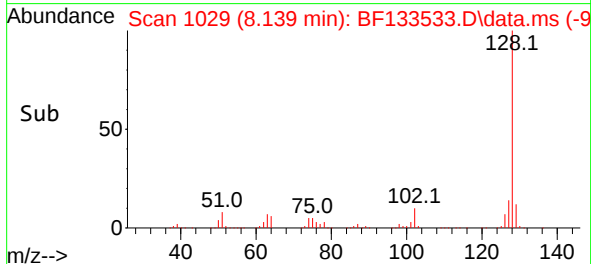
Instrument :
BNA_F
ClientSampleId :
WC25MSD



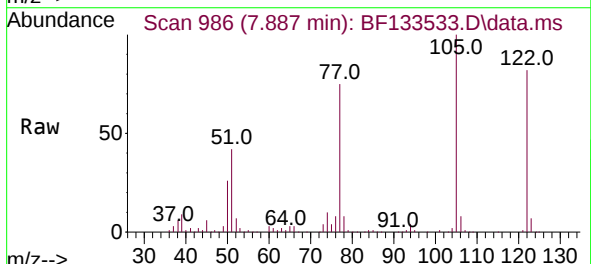
Tgt Ion:128 Resp: 1128960
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.9 10.9 16.3

Manual Integrations
APPROVED

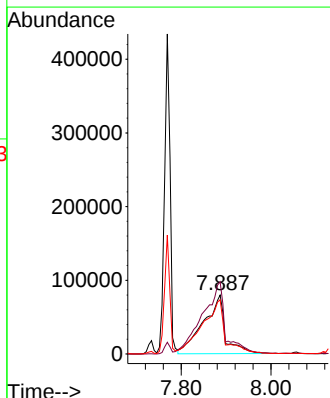
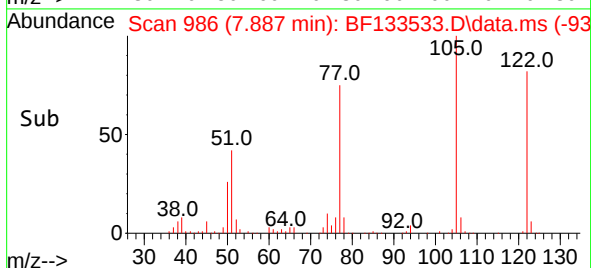
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

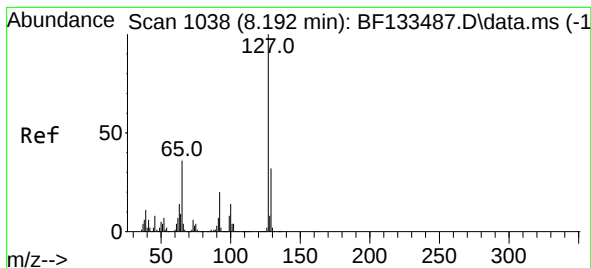


#32
Benzoic acid
Concen: 51.835 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



Tgt Ion:122 Resp: 272989
Ion Ratio Lower Upper
122 100
105 122.4 103.3 143.3
77 92.1 75.7 115.7





#33

4-Chloroaniline

Concen: 24.818 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

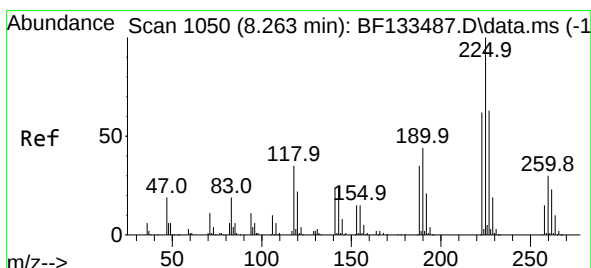
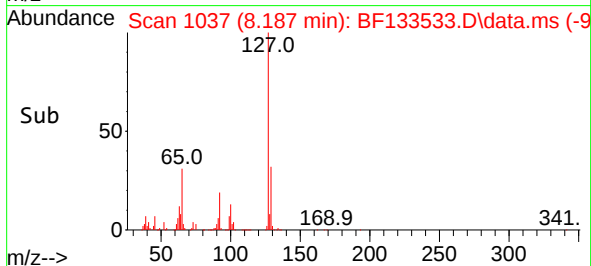
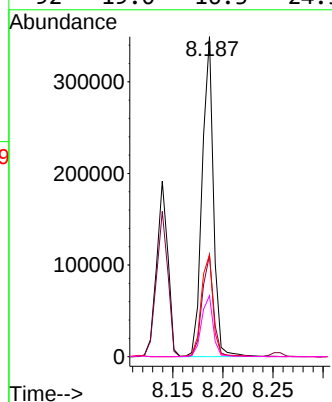
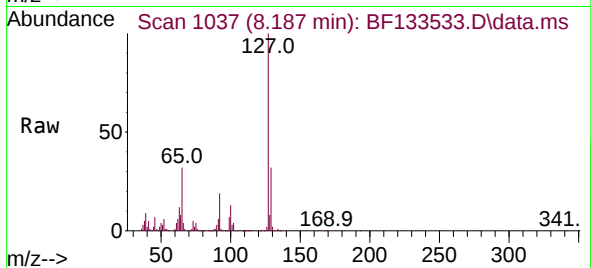
Tgt Ion:	127	Resp:	273940
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.9	38.9
65	31.8	29.0	43.6
92	19.0	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#34

Hexachlorobutadiene

Concen: 43.468 ng

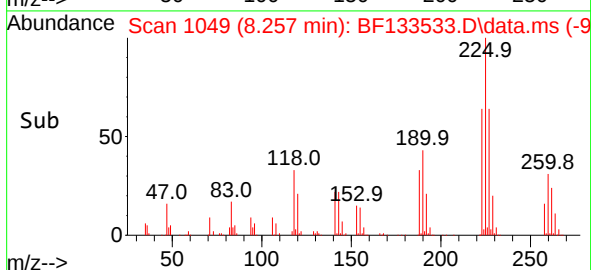
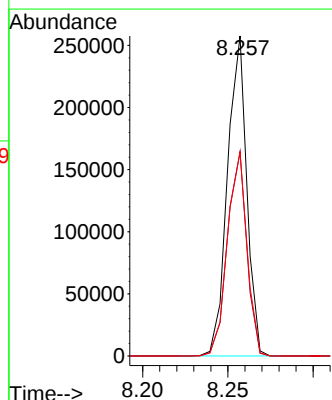
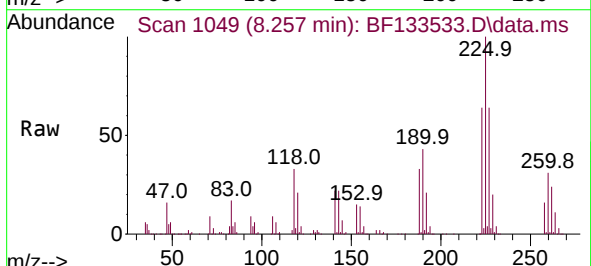
RT: 8.257 min Scan# 1049

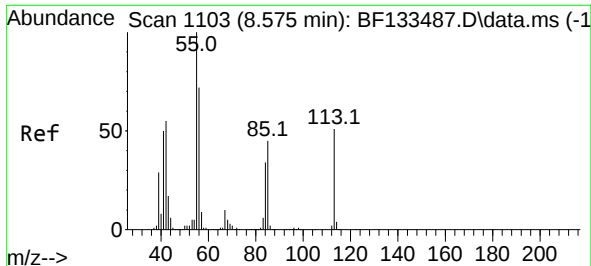
Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

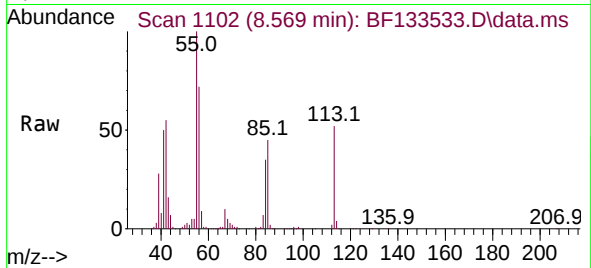
Tgt Ion:	225	Resp:	203007
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.8	74.8
227	63.6	50.2	75.4





#35
Caprolactam
Concen: 53.249 ng m
RT: 8.569 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

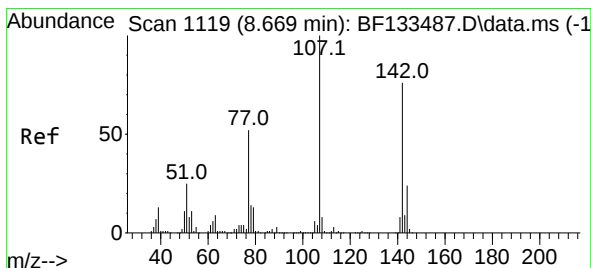
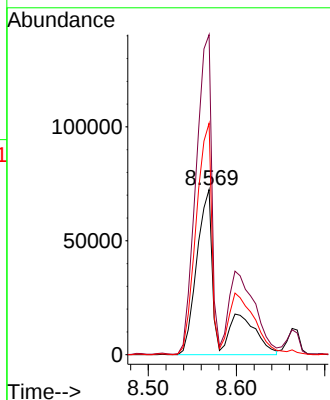
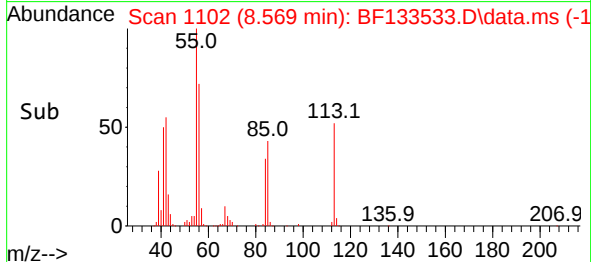
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:113 Resp: 123960
Ion Ratio Lower Upper
113 100
55 193.8 177.5 217.5
56 140.1 122.3 162.3

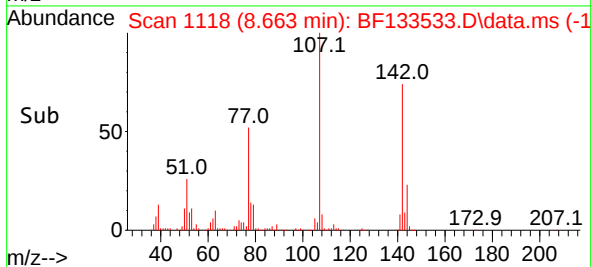
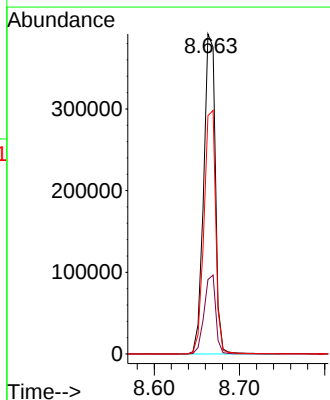
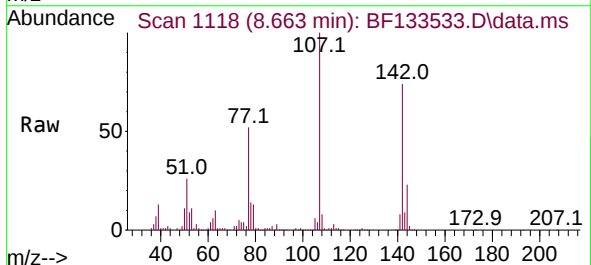
Manual Integrations
APPROVED

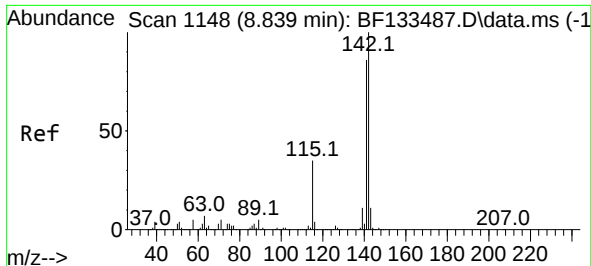
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#36
4-Chloro-3-methylphenol
Concen: 46.926 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:107 Resp: 373124
Ion Ratio Lower Upper
107 100
144 23.2 19.4 29.0
142 74.5 60.5 90.7





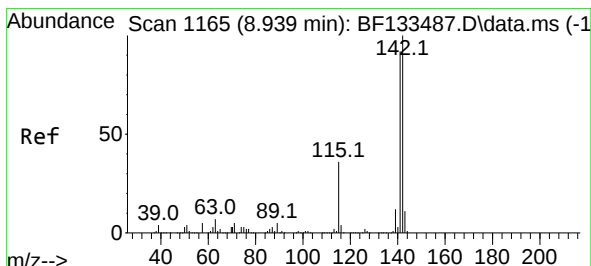
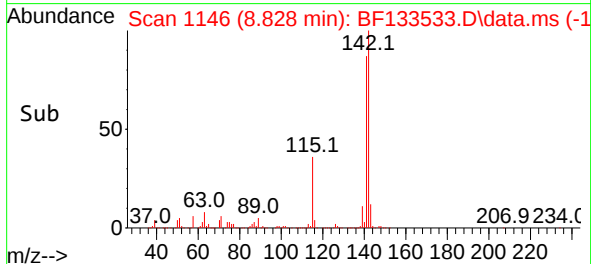
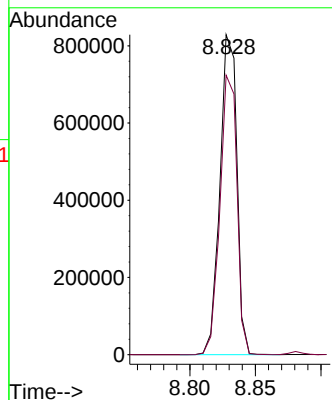
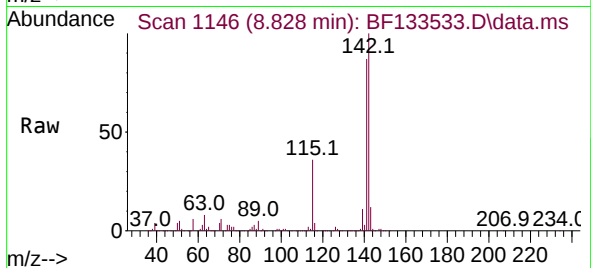
#37
2-Methylnaphthalene
Concen: 42.218 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion:142 Resp: 742380
Ion Ratio Lower Upper
142 100
141 87.3 69.2 103.8

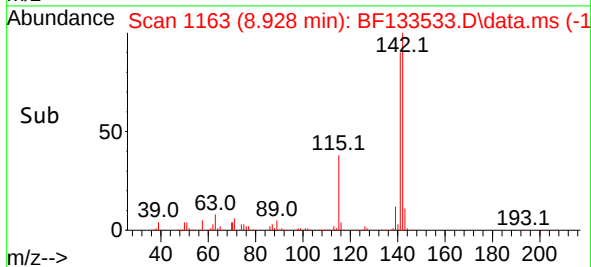
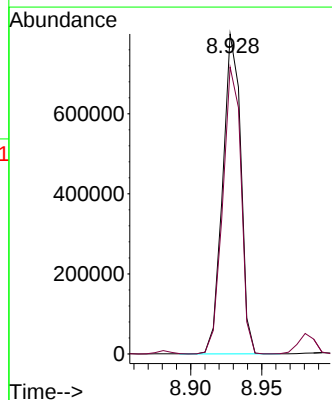
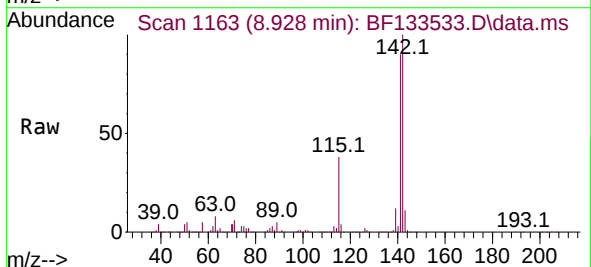
Manual Integrations
APPROVED

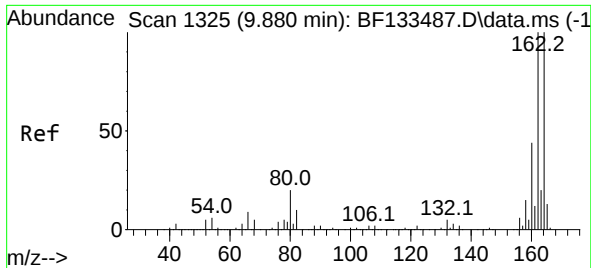
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#38
1-Methylnaphthalene
Concen: 43.102 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

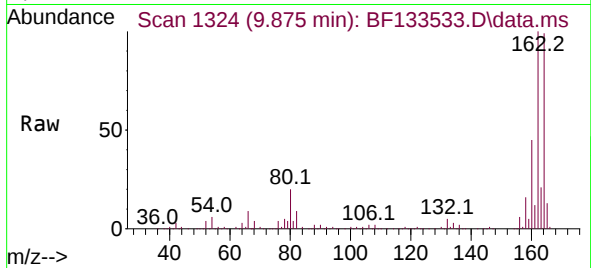
Tgt Ion:142 Resp: 706514
Ion Ratio Lower Upper
142 100
141 89.6 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

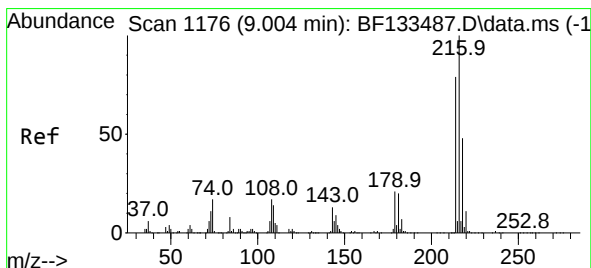
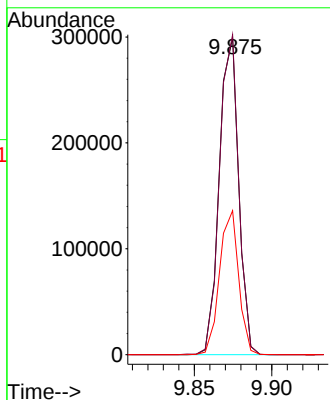
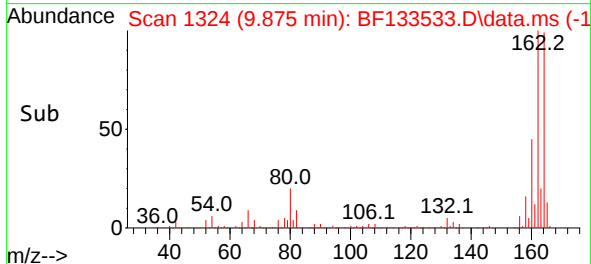
Instrument :
BNA_F
ClientSampleId :
WC25MSD



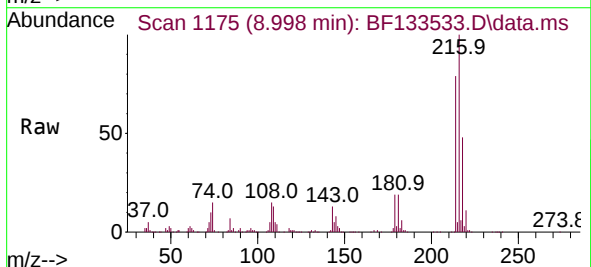
Tgt Ion:164 Resp: 259930
Ion Ratio Lower Upper
164 100
162 101.0 79.7 119.5
160 45.5 35.4 53.0

Manual Integrations
APPROVED

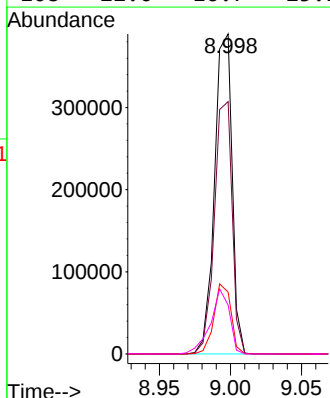
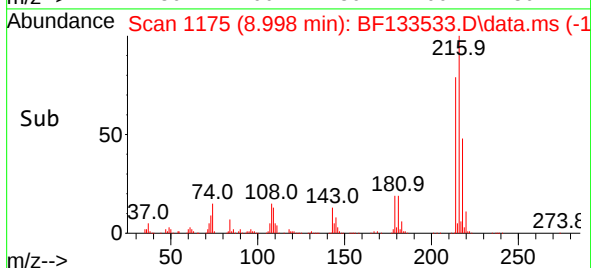
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

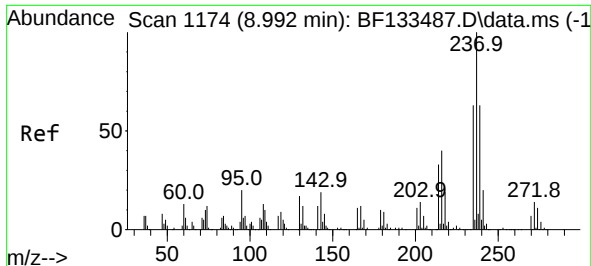


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.343 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



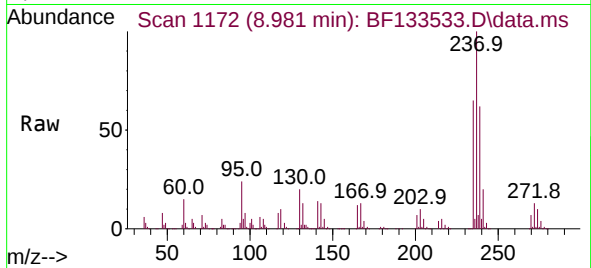
Tgt Ion:216 Resp: 333913
Ion Ratio Lower Upper
216 100
214 79.7 63.2 94.8
179 21.3 17.3 25.9
108 22.0 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 82.624 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

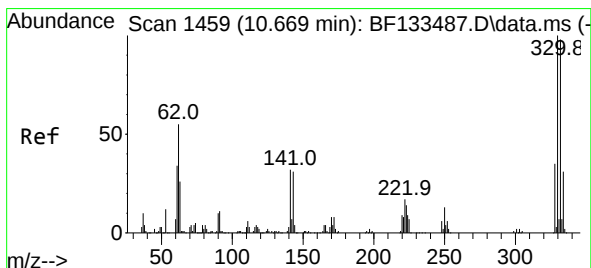
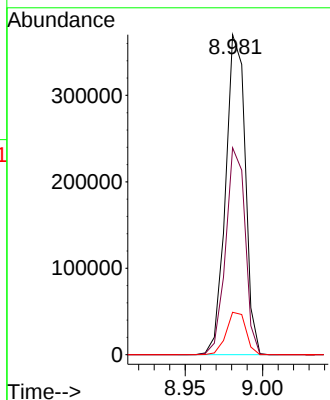
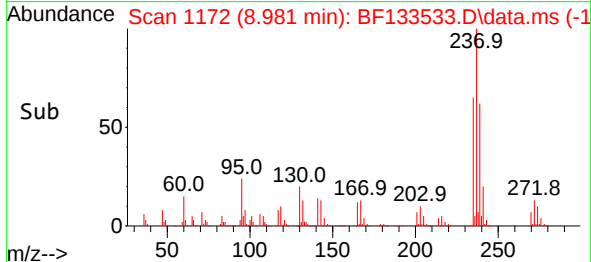
Instrument :
BNA_F
ClientSampleId :
WC25MSD



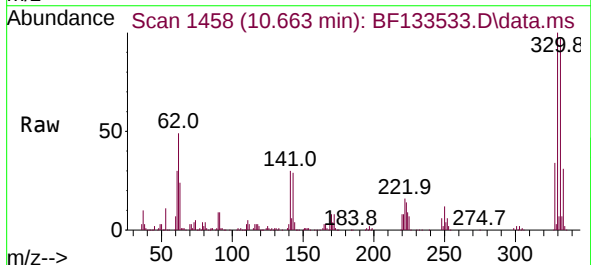
Tgt Ion: 237 Resp: 326198
Ion Ratio Lower Upper
237 100
235 64.6 43.0 83.0
272 13.3 0.0 33.5

Manual Integrations
APPROVED

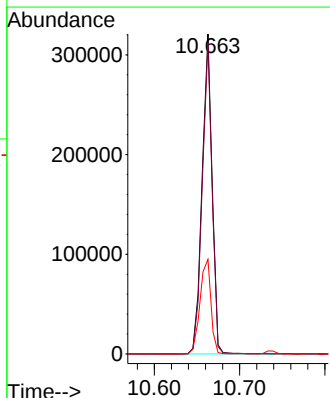
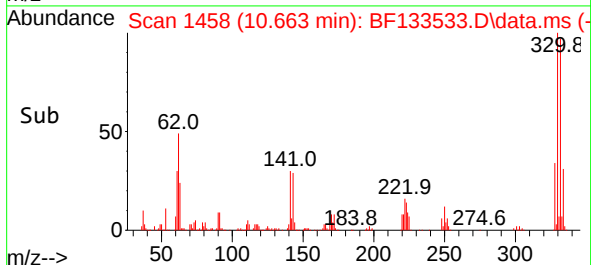
Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023

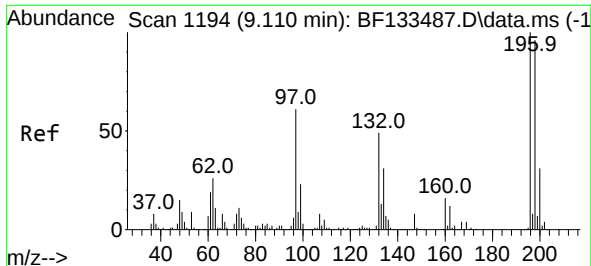


#42
2,4,6-Tribromophenol
Concen: 101.344 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



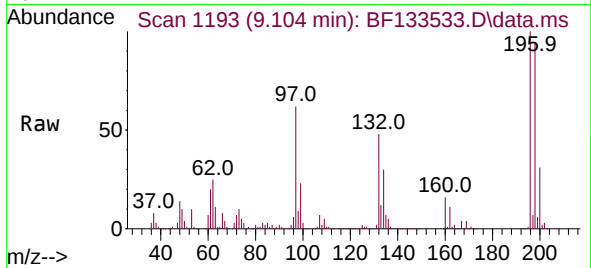
Tgt Ion: 330 Resp: 262586
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 32.3 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 48.532 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

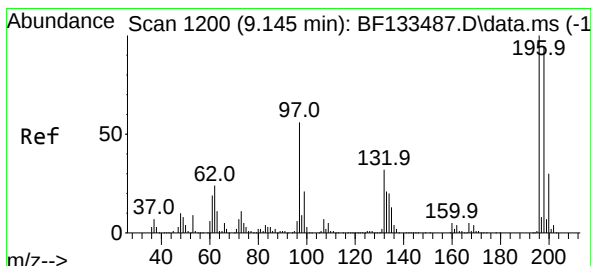
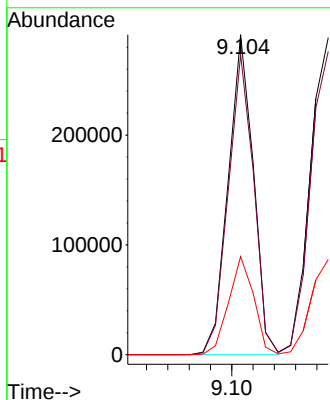
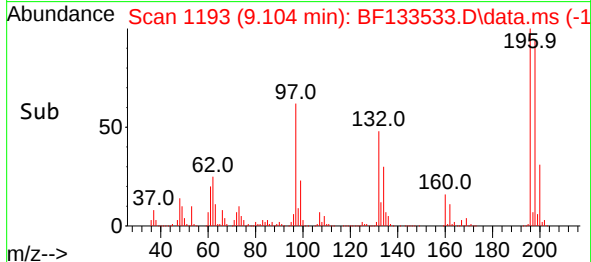
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:196 Resp: 239245
Ion Ratio Lower Upper
196 100
198 93.9 76.6 115.0
200 30.6 24.6 37.0

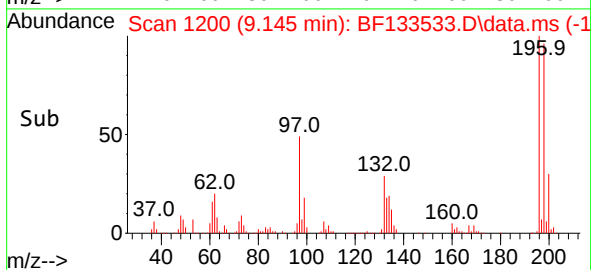
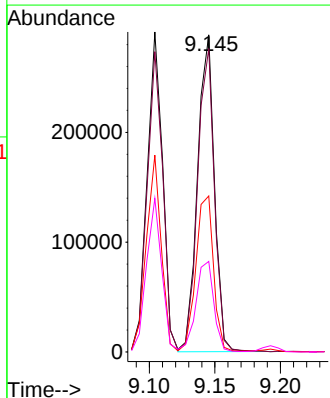
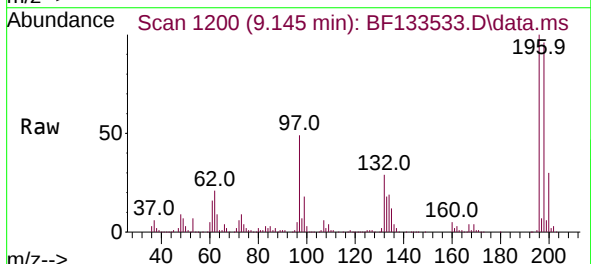
Manual Integrations
APPROVED

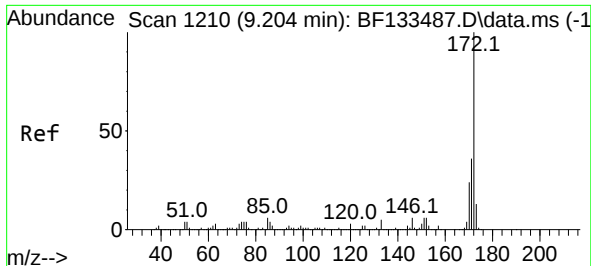
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#44
2,4,5-Trichlorophenol
Concen: 45.286 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:196 Resp: 259122
Ion Ratio Lower Upper
196 100
198 95.7 75.3 112.9
97 49.2 44.9 67.3
132 28.6 25.3 37.9





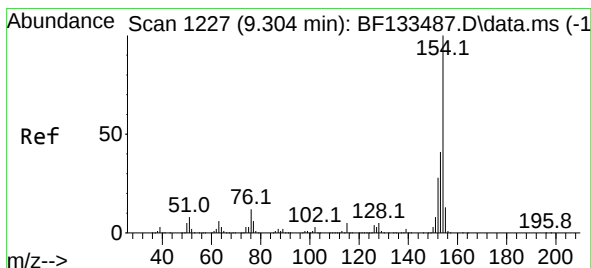
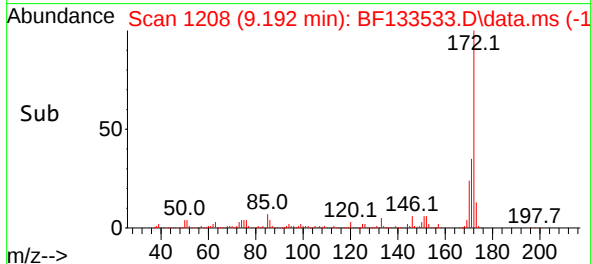
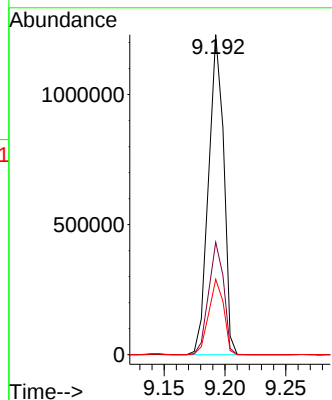
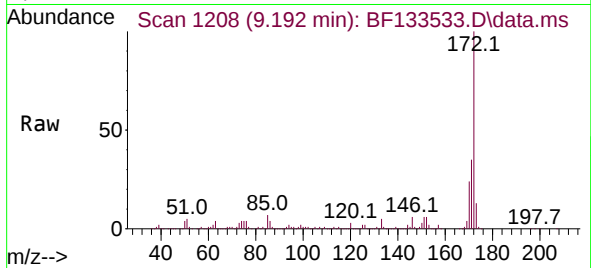
#45
2-Fluorobiphenyl
Concen: 62.953 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion:172 Resp: 106018
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 19.3 28.9

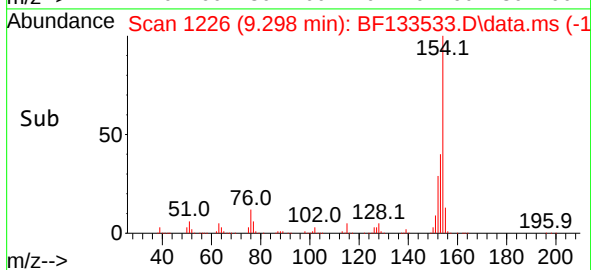
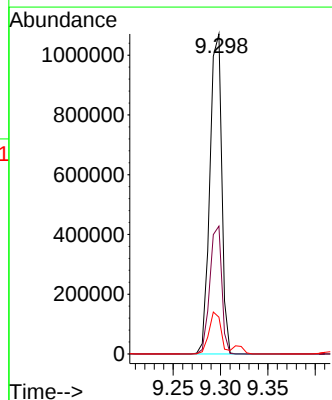
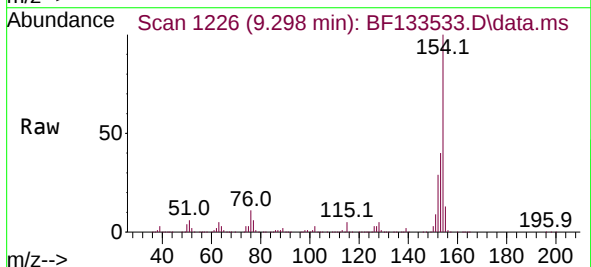
Manual Integrations
APPROVED

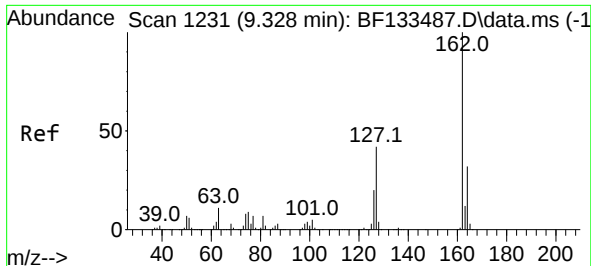
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#46
1,1'-Biphenyl
Concen: 44.003 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:154 Resp: 929259
Ion Ratio Lower Upper
154 100
153 39.9 21.0 61.0
76 11.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 44.320 ng

RT: 9.322 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

Tgt Ion:162 Resp: 678319

Ion Ratio Lower Upper

162 100

127 42.2 33.2 49.8

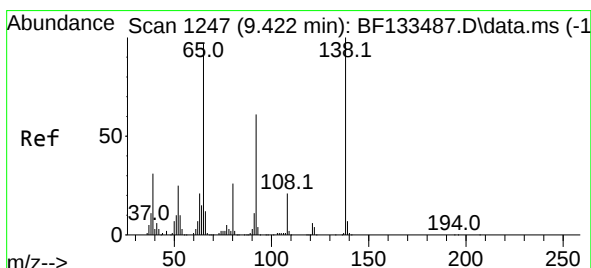
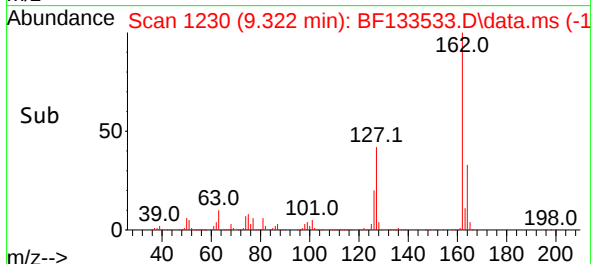
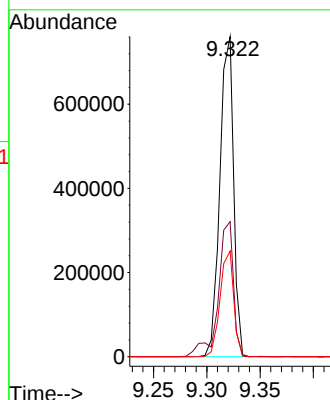
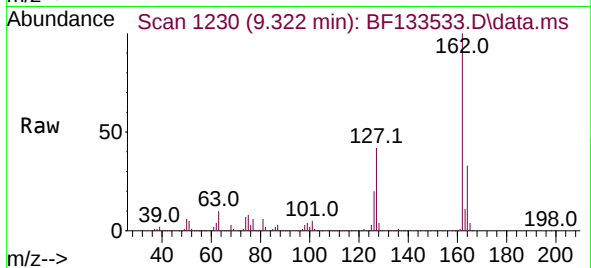
164 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#48

2-Nitroaniline

Concen: 50.010 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

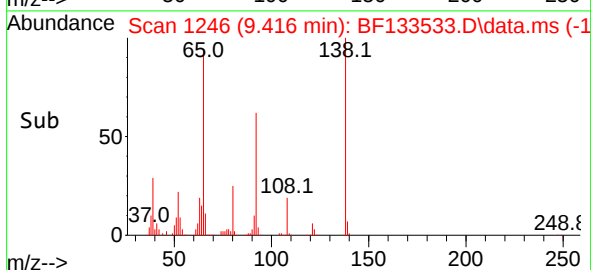
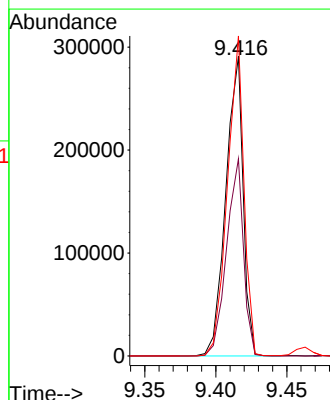
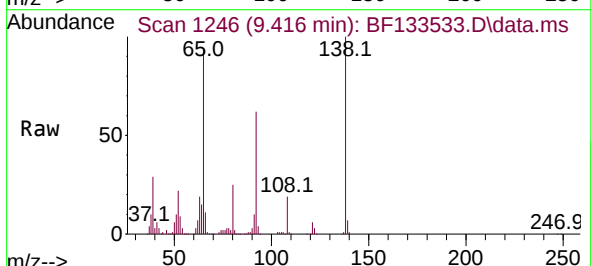
Tgt Ion: 65 Resp: 246641

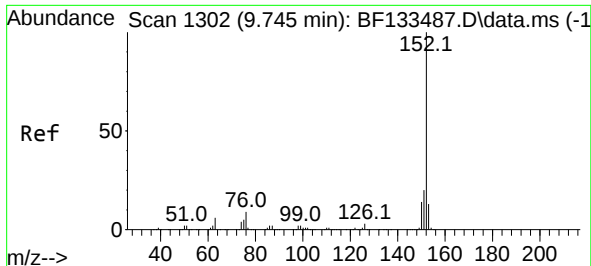
Ion Ratio Lower Upper

65 100

92 65.8 50.8 76.2

138 106.8 82.6 124.0





#49

Acenaphthylene

Concen: 43.810 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

Tgt Ion:152 Resp: 1144238

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

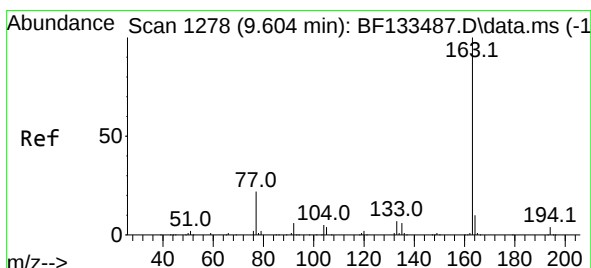
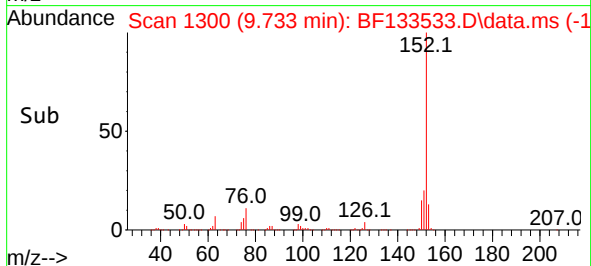
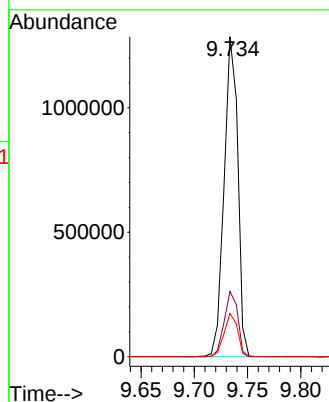
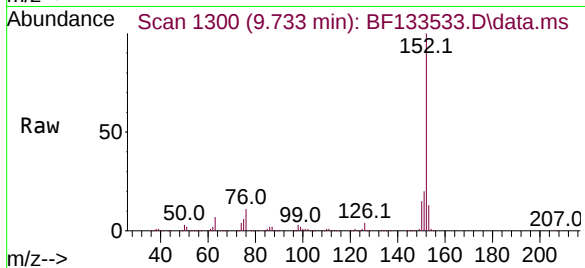
153 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Yogesh Patel 06/01/2023



#50

Dimethylphthalate

Concen: 44.601 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

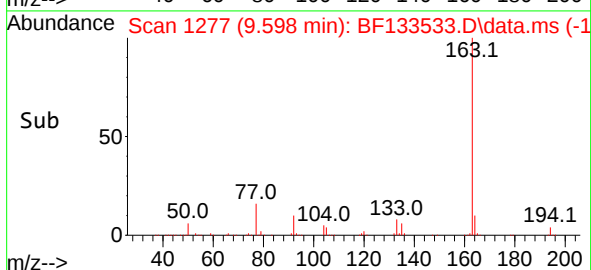
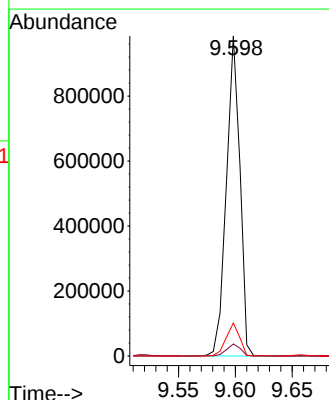
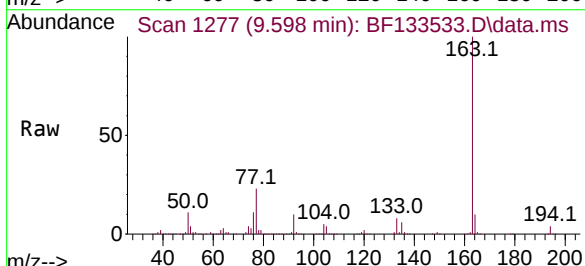
Tgt Ion:163 Resp: 814800

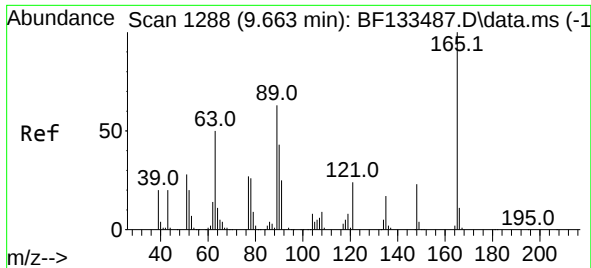
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

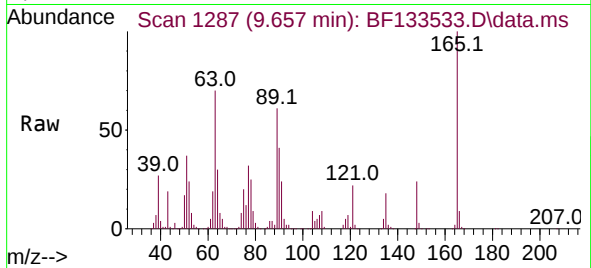
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.310 ng
RT: 9.657 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

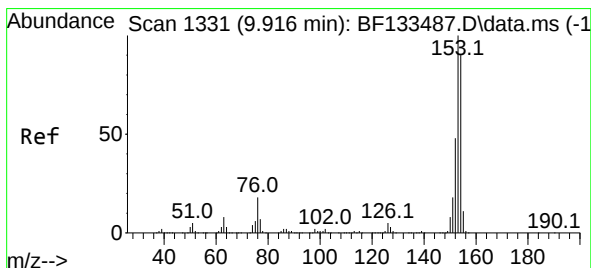
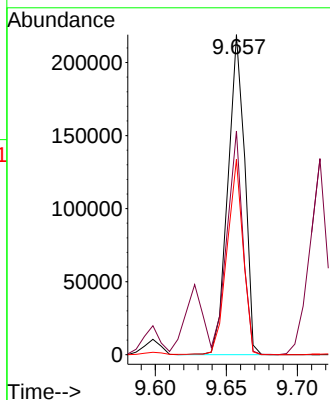
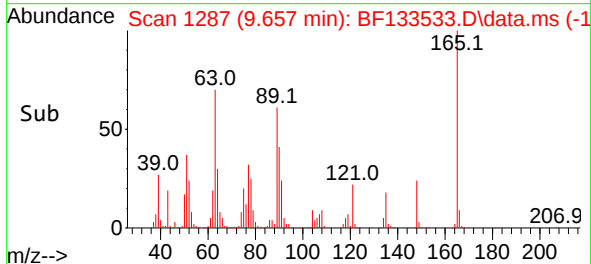
Instrument :
BNA_F
ClientSampleId :
WC25MSD



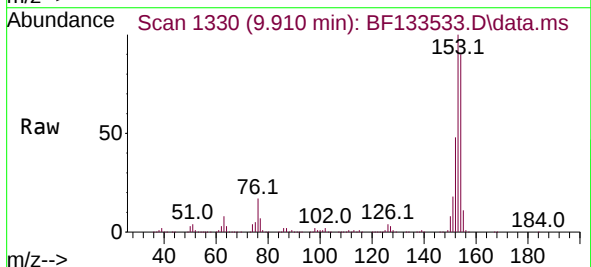
Tgt Ion:165 Resp: 179179
Ion Ratio Lower Upper
165 100
63 69.9 57.0 85.4
89 61.0 50.8 76.2

Manual Integrations
APPROVED

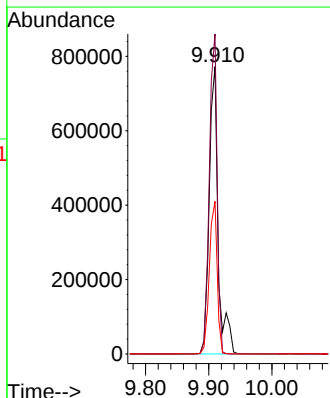
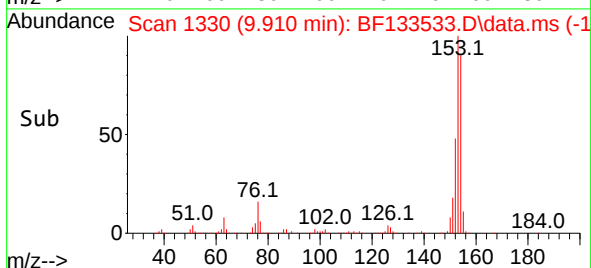
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

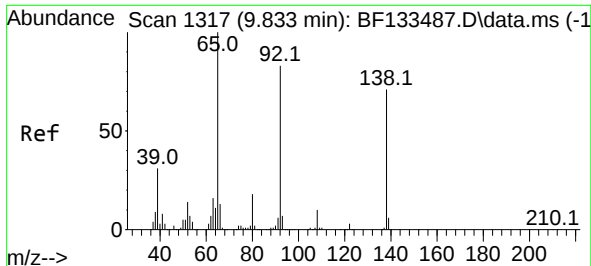


#52
Acenaphthene
Concen: 47.927 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



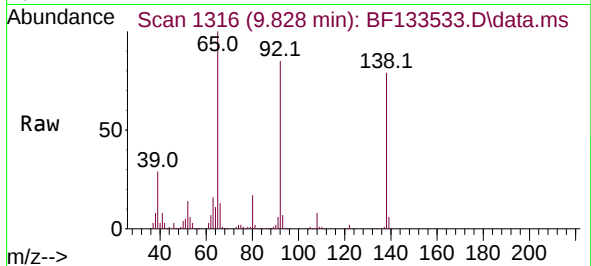
Tgt Ion:154 Resp: 758271
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 53.1 43.1 64.7





#53
3-Nitroaniline
Concen: 40.002 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

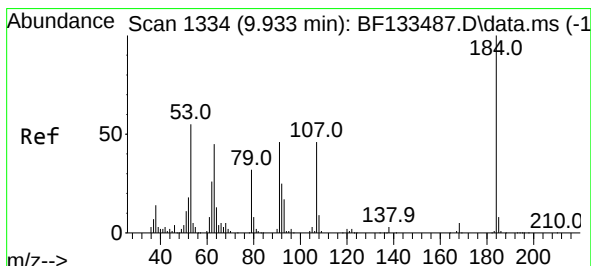
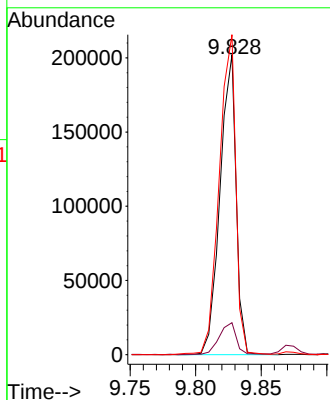
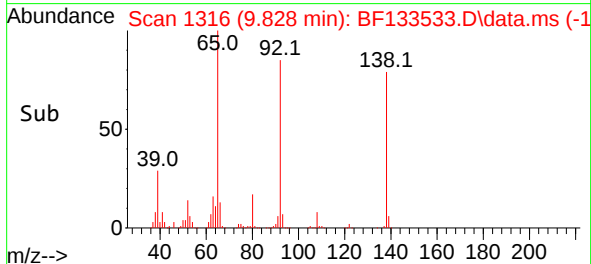
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:138 Resp: 17172
Ion Ratio Lower Upper
138 100
108 10.6 11.9 17.9
92 106.6 93.1 139.7

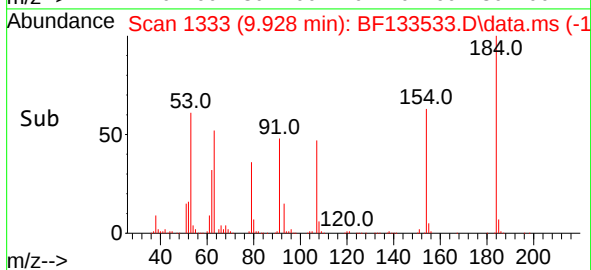
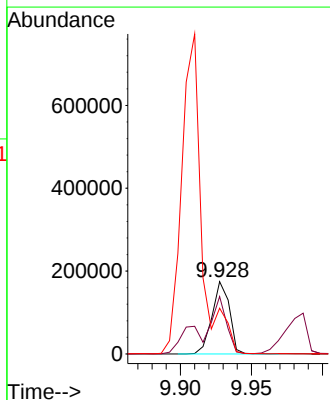
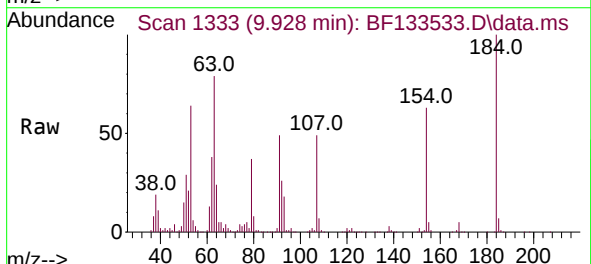
Manual Integrations
APPROVED

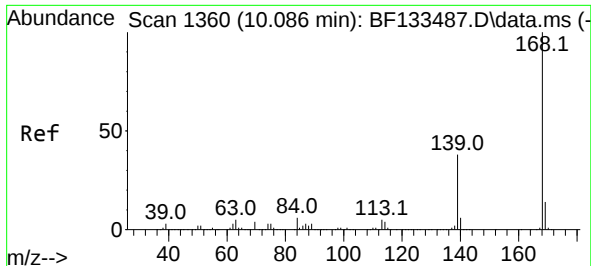
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#54
2,4-Dinitrophenol
Concen: 83.039 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

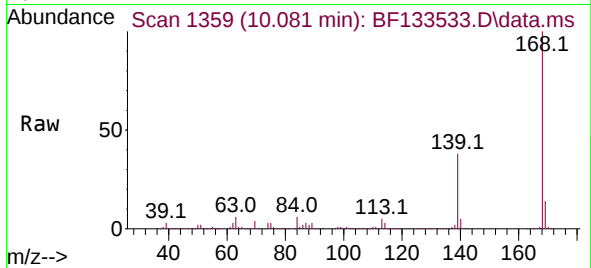
Tgt Ion:184 Resp: 148700
Ion Ratio Lower Upper
184 100
63 79.4 55.7 83.5
154 63.4 49.3 73.9





#55
Dibenzenofuran
Concen: 43.894 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

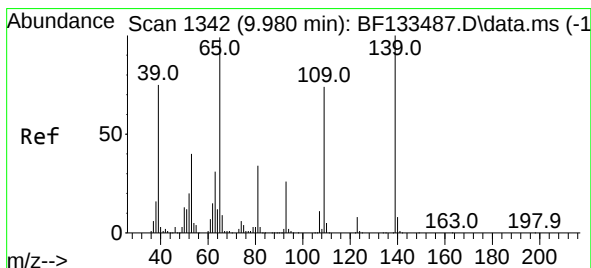
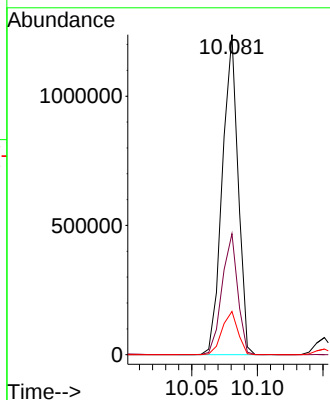
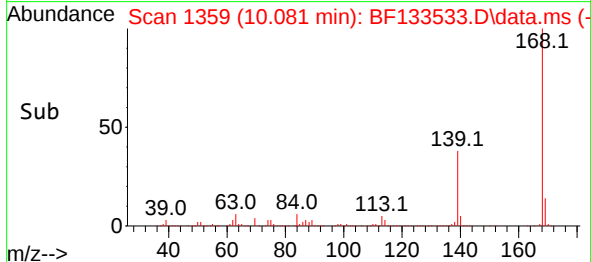
Instrument :
BNA_F
ClientSampleId :
WC25MSD



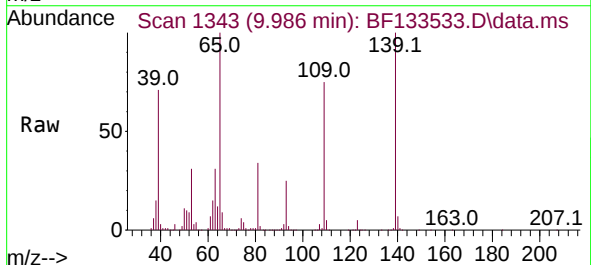
Tgt Ion:168 Resp: 1033200
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.5 10.9 16.3

Manual Integrations
APPROVED

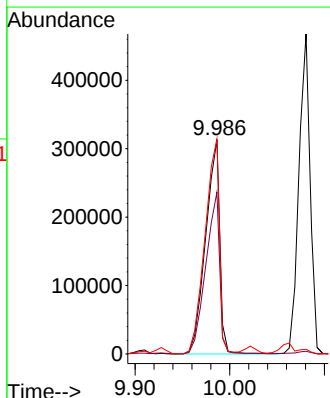
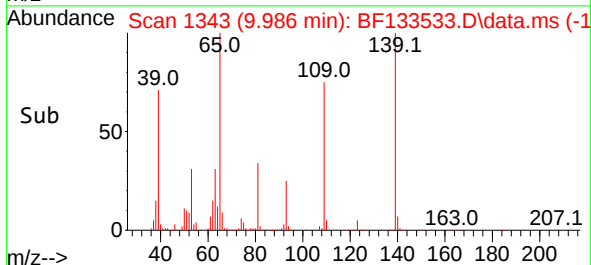
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

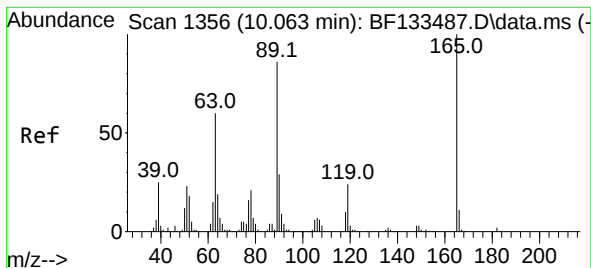


#56
4-Nitrophenol
Concen: 103.648 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



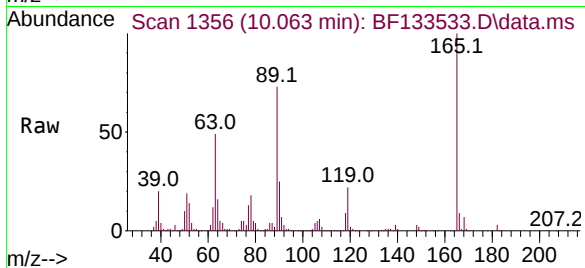
Tgt Ion:139 Resp: 323961
Ion Ratio Lower Upper
139 100
109 75.6 54.5 94.5
65 100.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 53.961 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

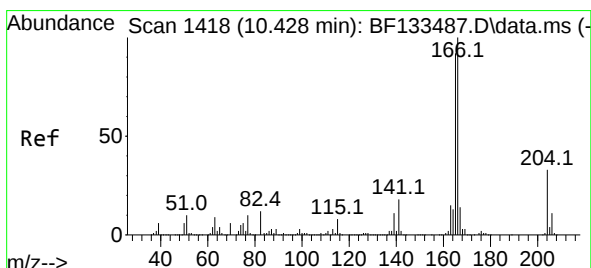
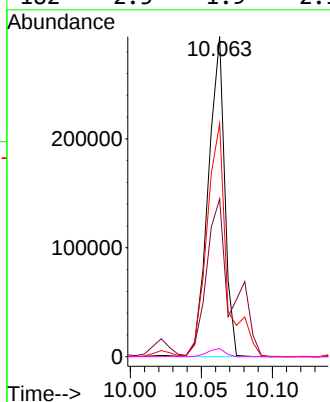
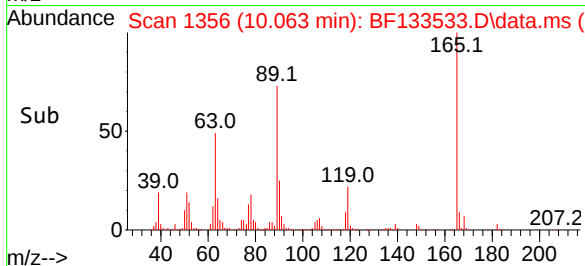
Instrument :
BNA_F
ClientSampleId :
WC25MSD



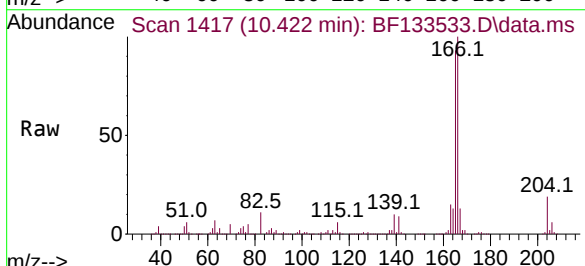
Tgt Ion:165 Resp: 23545
Ion Ratio Lower Upper
165 100
63 49.3 48.1 72.1
89 72.8 68.4 102.6
182 2.5 1.9 2.9

Manual Integrations
APPROVED

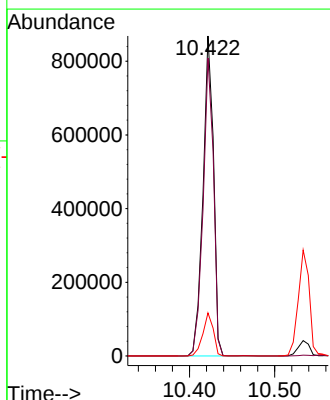
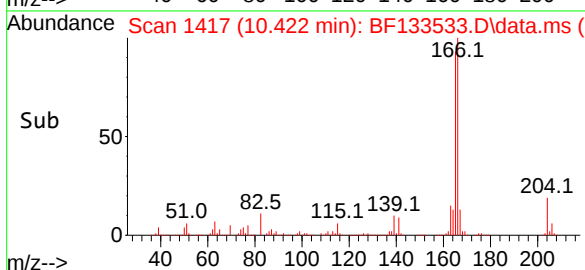
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

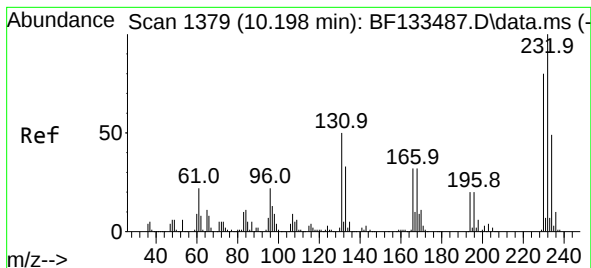


#58
Fluorene
Concen: 43.088 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



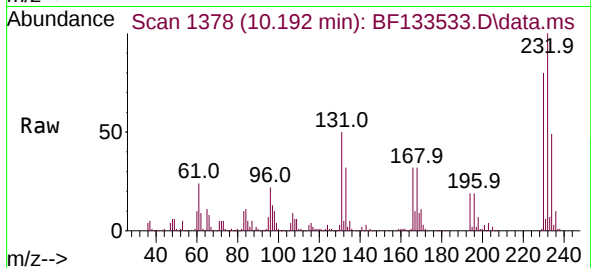
Tgt Ion:166 Resp: 743079
Ion Ratio Lower Upper
166 100
165 93.1 73.4 110.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.233 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

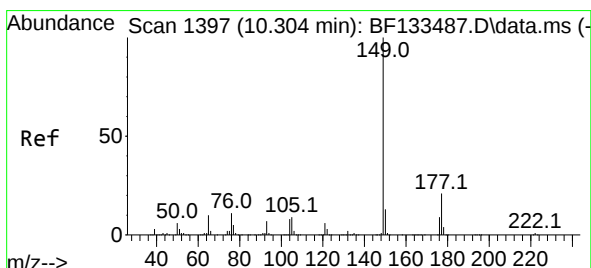
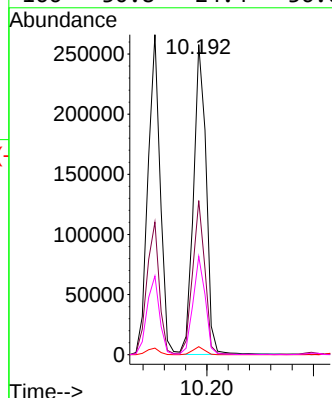
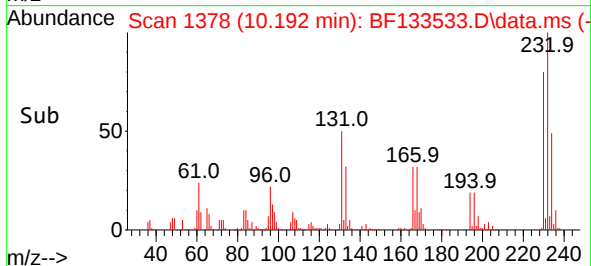
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:232 Resp: 212159
Ion Ratio Lower Upper
232 100
131 48.2 37.9 56.9
130 2.4 1.8 2.6
166 30.8 24.4 36.6

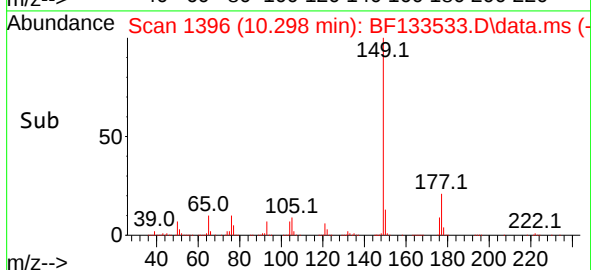
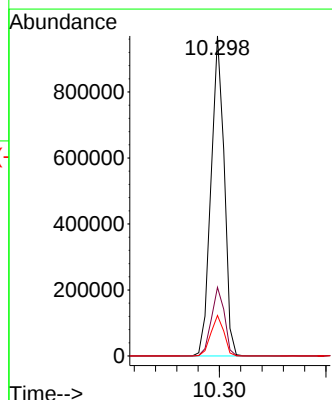
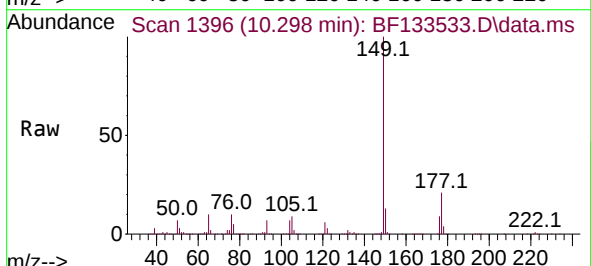
Manual Integrations
APPROVED

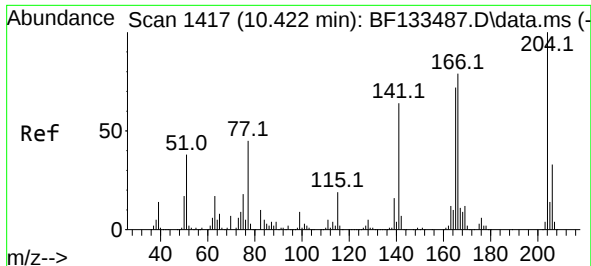
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#60
Diethylphthalate
Concen: 44.016 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

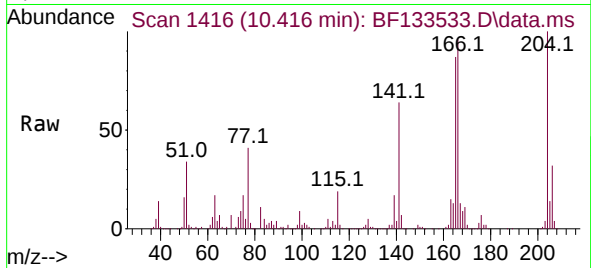
Tgt Ion:149 Resp: 834748
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.110 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

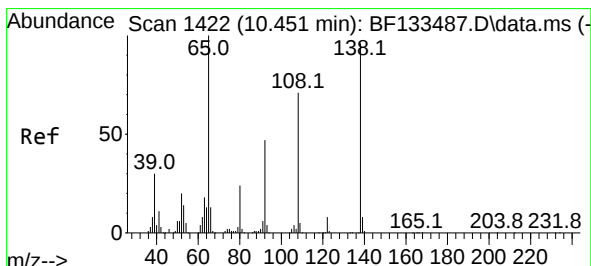
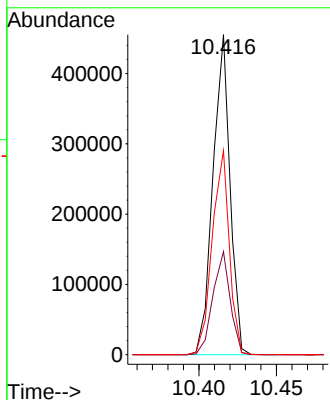
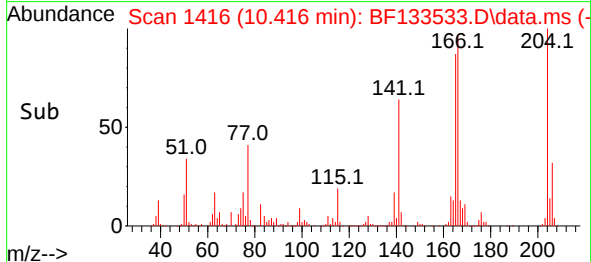
Instrument :
BNA_F
ClientSampleId :
WC25MSD



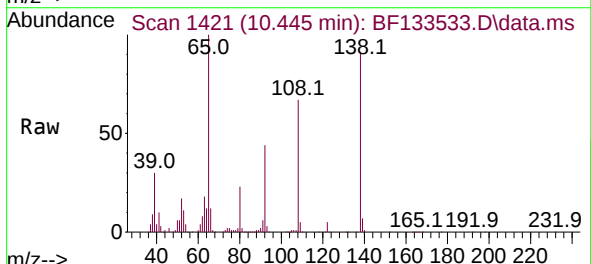
Tgt Ion:204 Resp: 348698
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 63.7 51.4 77.2

Manual Integrations
APPROVED

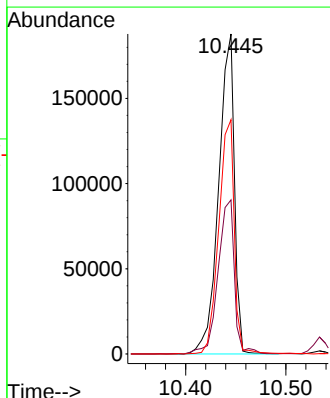
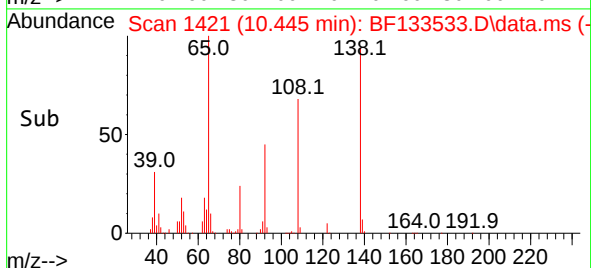
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

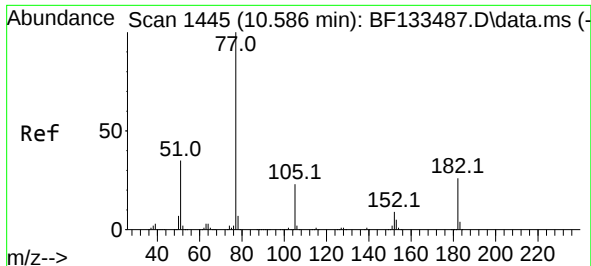


#62
4-Nitroaniline
Concen: 46.681 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



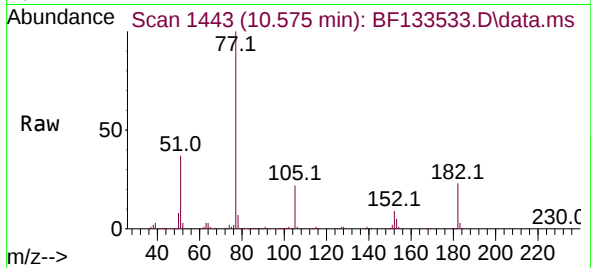
Tgt Ion:138 Resp: 204452
Ion Ratio Lower Upper
138 100
92 48.2 28.4 68.4
108 73.2 54.2 94.2





#63
Azobenzene
Concen: 45.201 ng
RT: 10.575 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

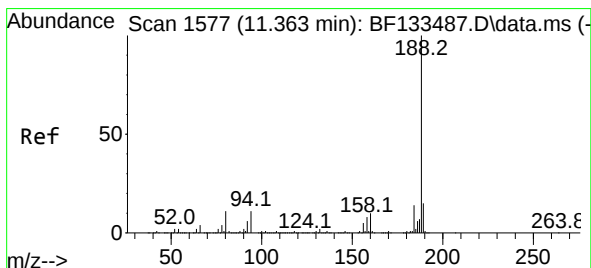
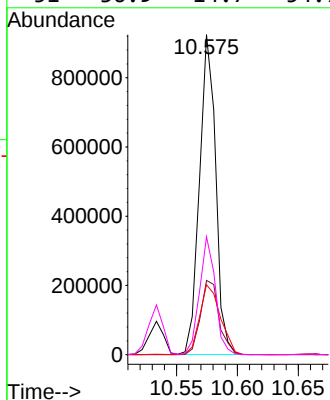
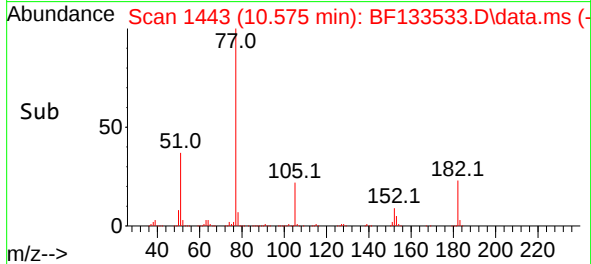
Instrument :
BNA_F
ClientSampleId :
WC25MSD



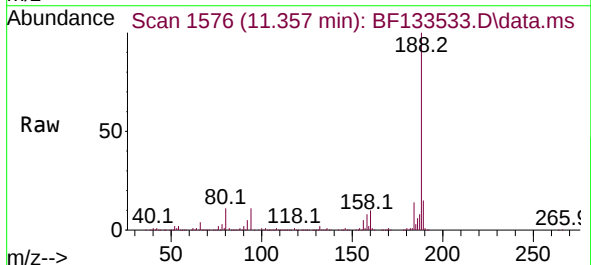
Tgt Ion: 77 Resp: 85809
Ion Ratio Lower Upper
77 100
182 23.2 5.6 45.6
105 21.9 2.6 42.6
51 36.9 14.7 54.7

Manual Integrations
APPROVED

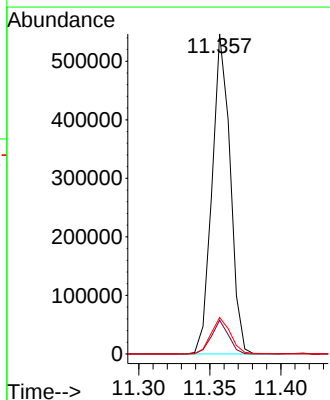
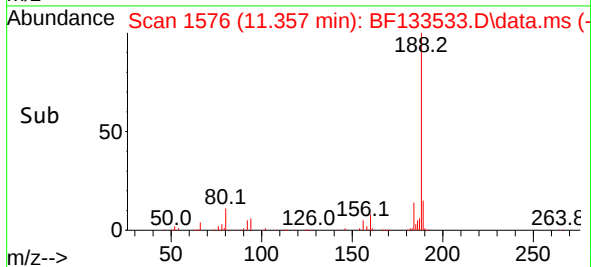
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

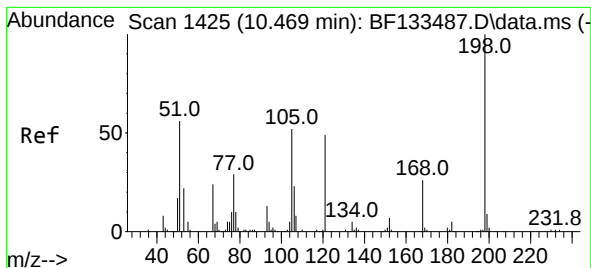


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



Tgt Ion:188 Resp: 484386
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.4 9.2 13.8





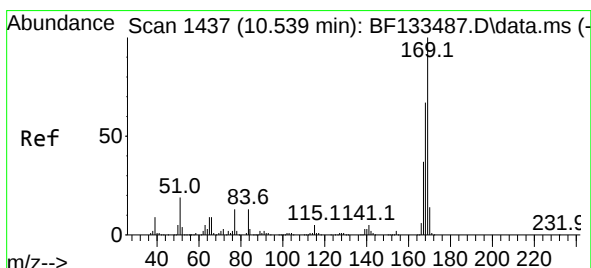
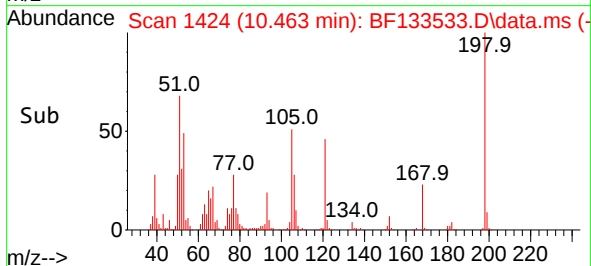
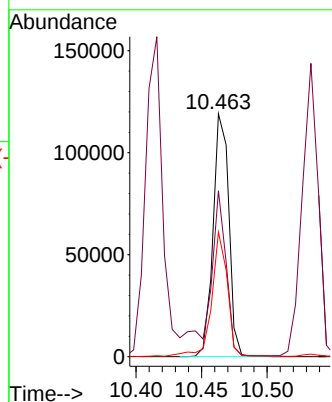
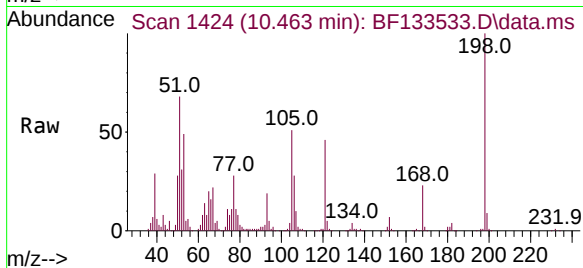
#65
4,6-Dinitro-2-methylphenol
Concen: 49.735 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion:198 Resp: 99278
Ion Ratio Lower Upper
198 100
51 68.3 53.6 93.6
105 51.3 35.9 75.9

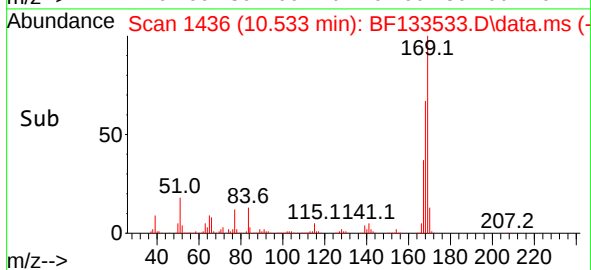
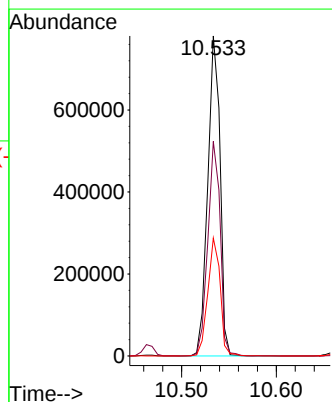
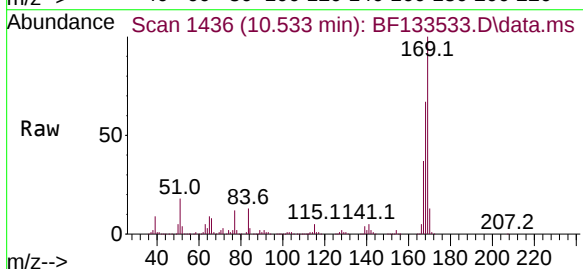
Manual Integrations
APPROVED

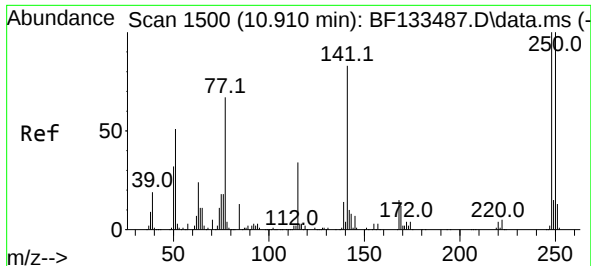
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#66
n-Nitrosodiphenylamine
Concen: 44.586 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

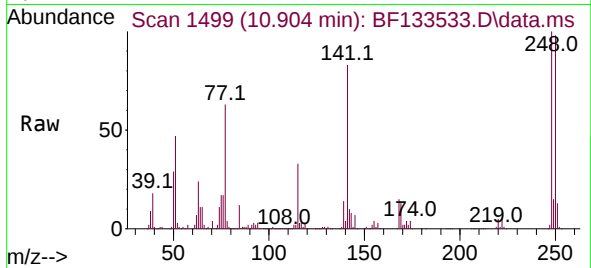
Tgt Ion:169 Resp: 701145
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.657 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

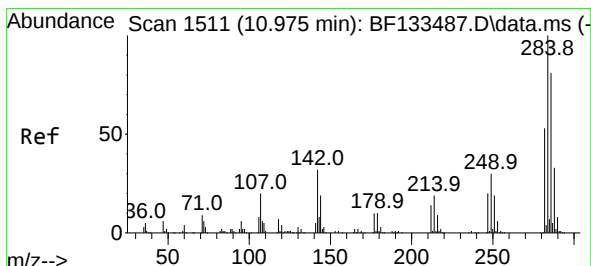
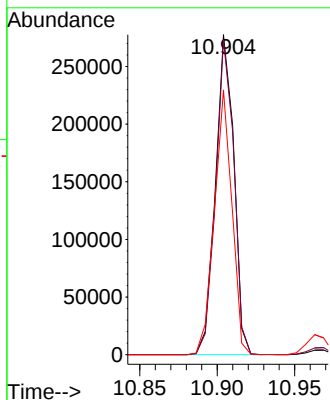
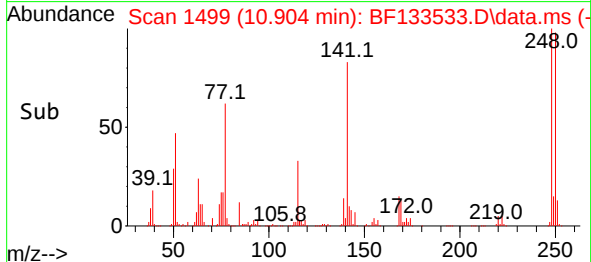
Instrument :
BNA_F
ClientSampleId :
WC25MSD



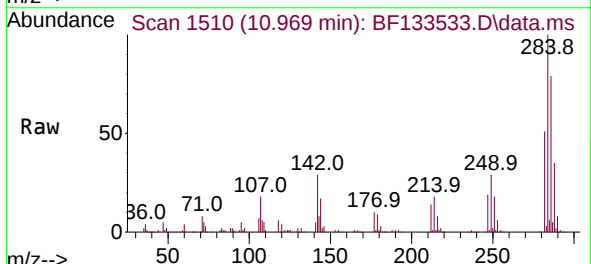
Tgt Ion:248 Resp: 229720
Ion Ratio Lower Upper
248 100
250 98.4 79.7 119.5
141 82.7 66.6 100.0

Manual Integrations
APPROVED

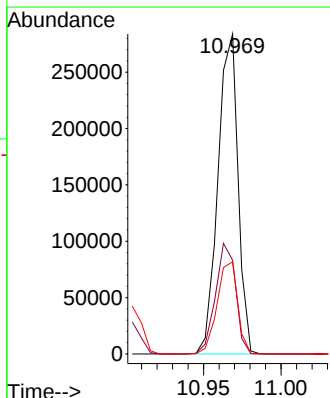
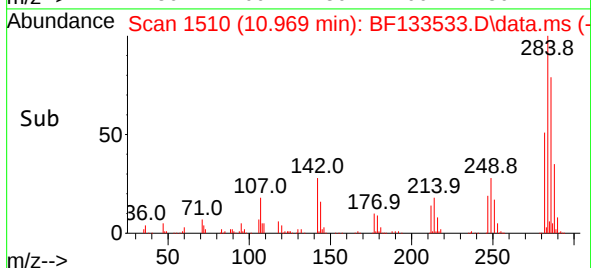
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

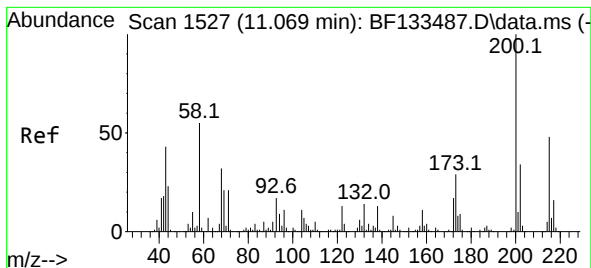


#68
Hexachlorobenzene
Concen: 47.541 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



Tgt Ion:284 Resp: 255746
Ion Ratio Lower Upper
284 100
142 29.3 25.8 38.6
249 28.8 24.4 36.6





#69

Atrazine

Concen: 54.495 ng

RT: 11.063 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

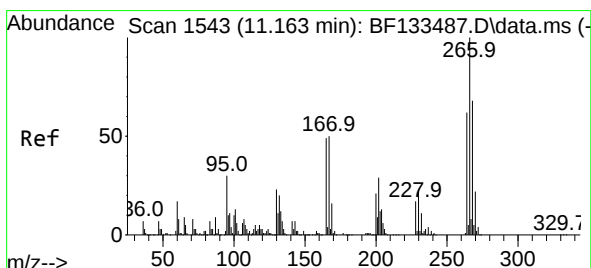
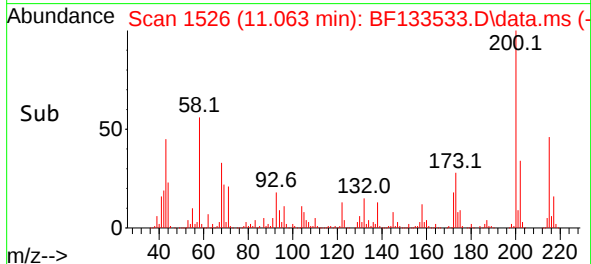
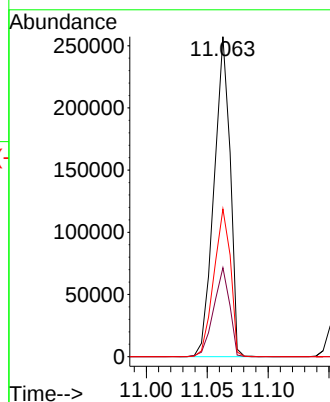
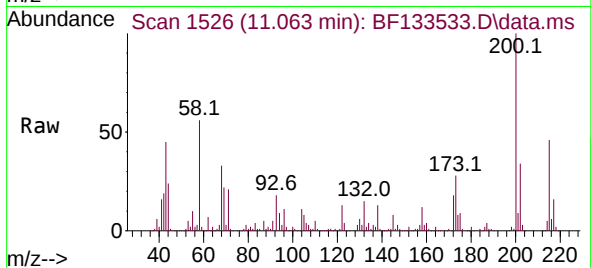
WC25MSD

Tgt Ion:200 Resp: 235138
 Ion Ratio Lower Upper
 200 100
 173 27.8 9.0 49.0
 215 46.1 27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#70

Pentachlorophenol

Concen: 85.110 ng

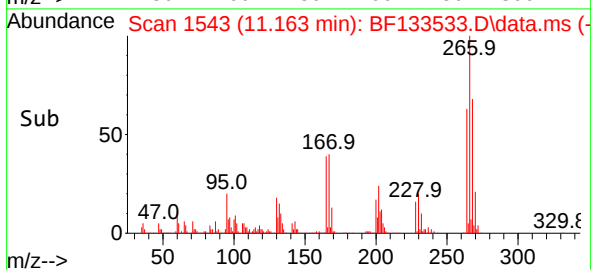
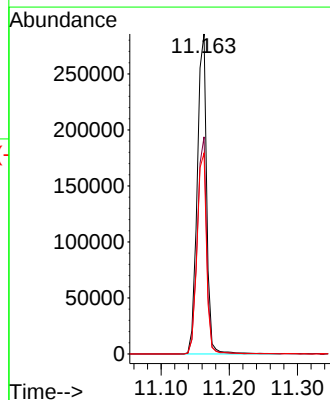
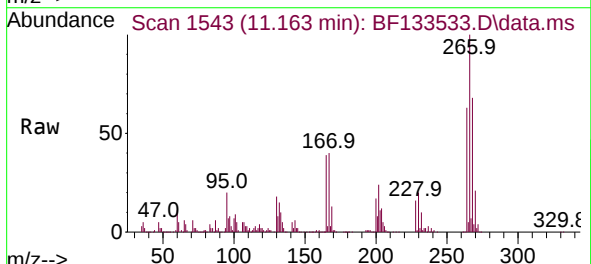
RT: 11.163 min Scan# 1543

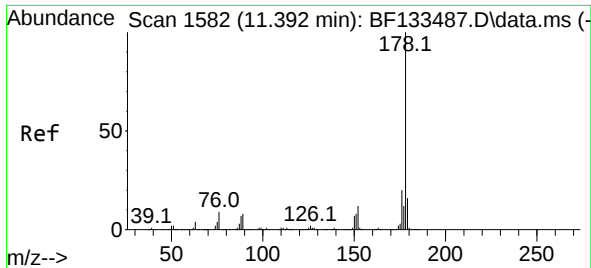
Delta R.T. 0.006 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Tgt Ion:266 Resp: 273761
 Ion Ratio Lower Upper
 266 100
 268 67.9 54.6 82.0
 264 62.8 49.2 73.8





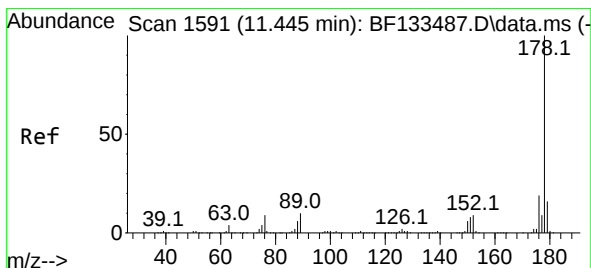
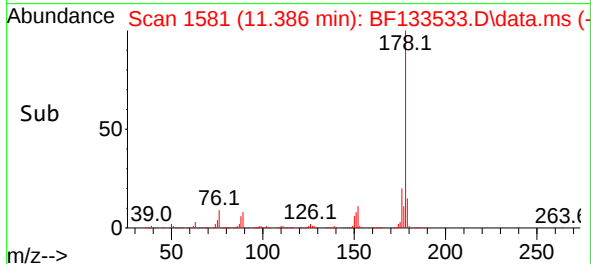
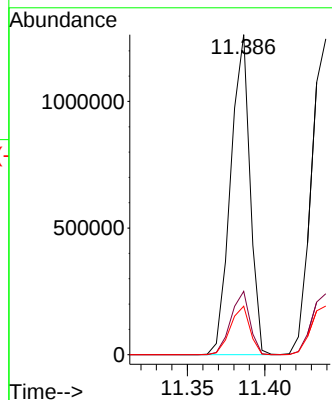
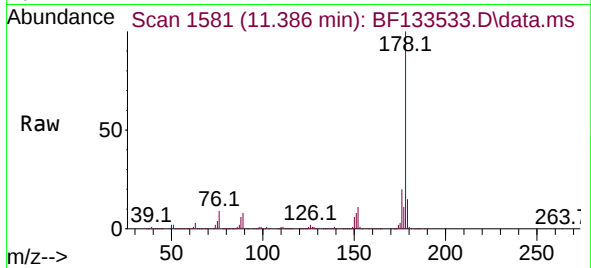
#71
Phenanthrene
Concen: 44.673 ng
RT: 11.386 min Scan# 11386
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC25MSD

Tgt Ion:178 Resp: 1095998
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.2 12.4 18.6

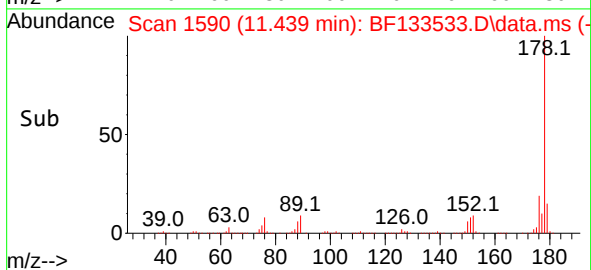
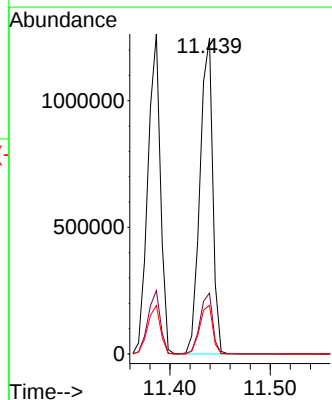
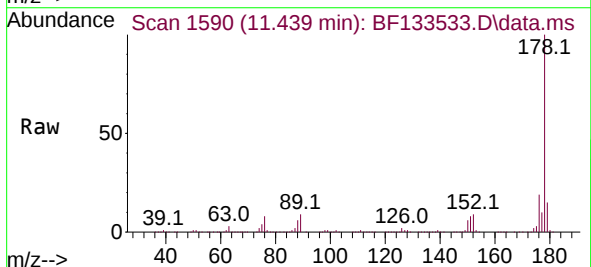
Manual Integrations
APPROVED

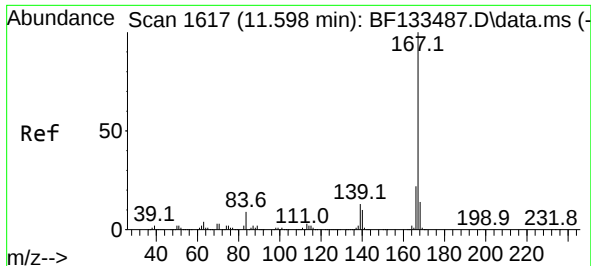
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#72
Anthracene
Concen: 43.769 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

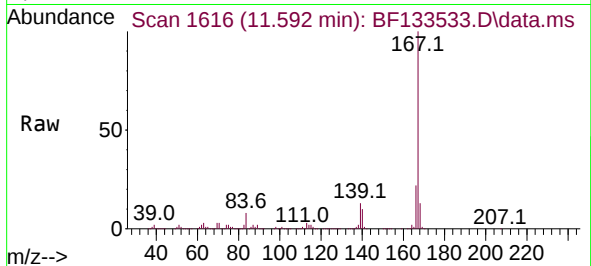
Tgt Ion:178 Resp: 1105168
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.6 18.8





#73
Carbazole
Concen: 44.056 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

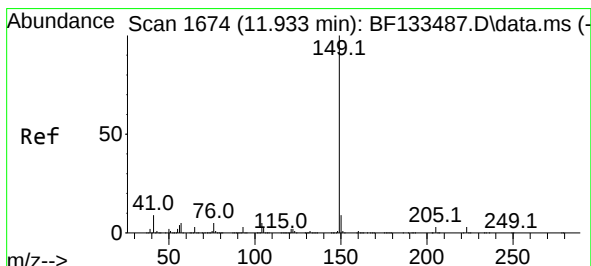
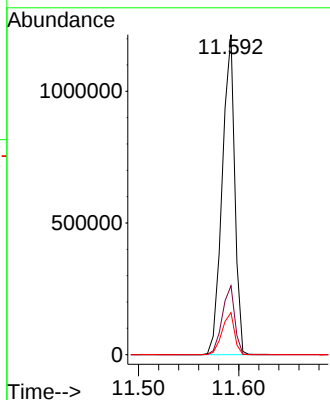
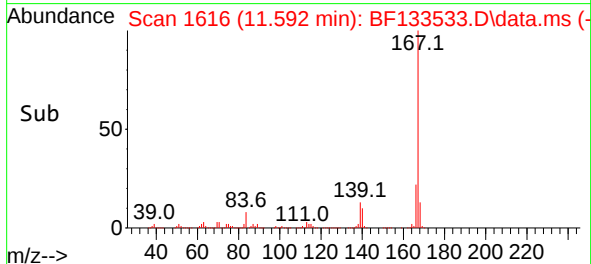
Instrument :
BNA_F
ClientSampleId :
WC25MSD



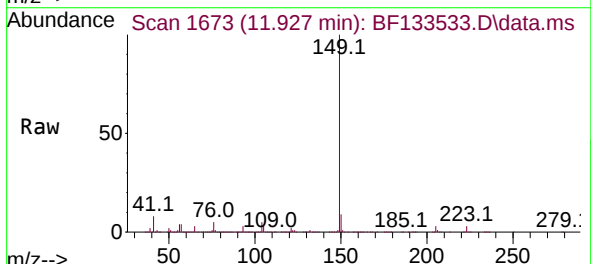
Tgt Ion:167 Resp: 1052024
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.2 10.7 16.1

Manual Integrations
APPROVED

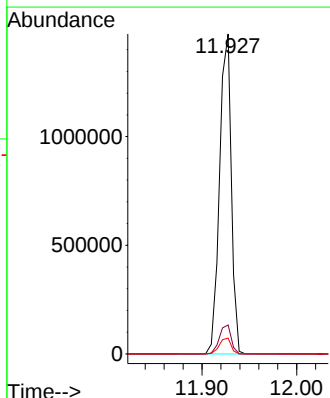
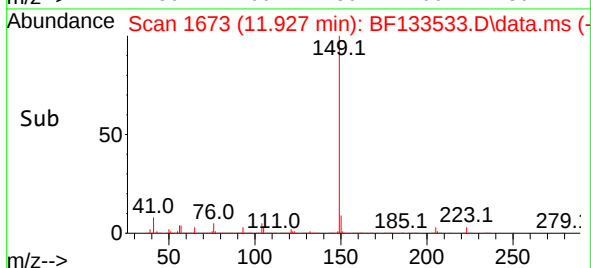
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

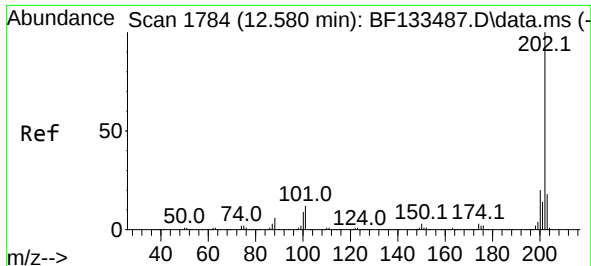


#74
Di-n-butylphthalate
Concen: 44.970 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



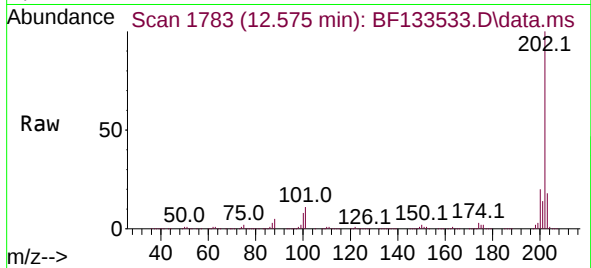
Tgt Ion:149 Resp: 1269795
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 40.318 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

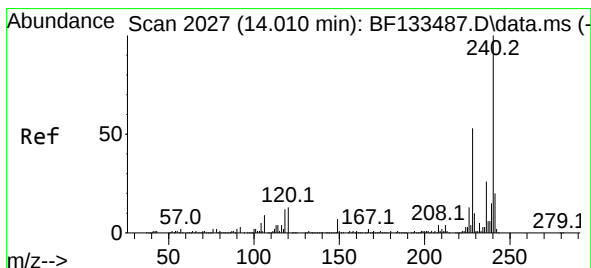
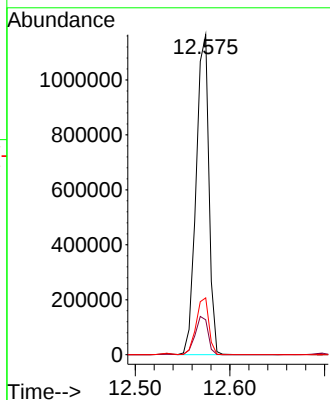
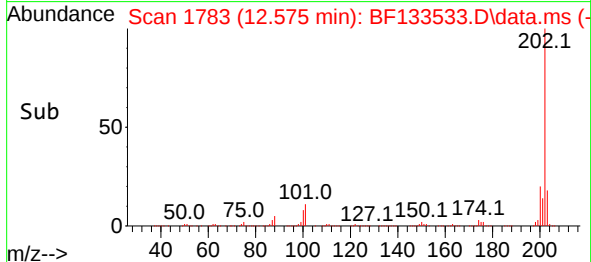
Instrument :
BNA_F
ClientSampleId :
WC25MSD



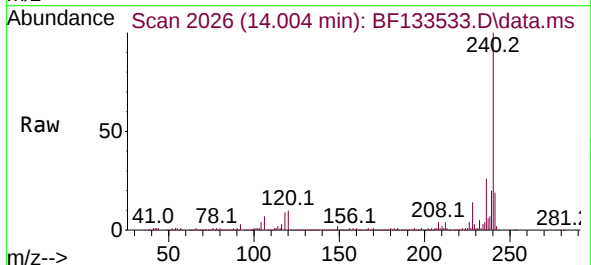
Tgt Ion:202 Resp: 109259
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.2
203 17.7 0.0 37.8

Manual Integrations
APPROVED

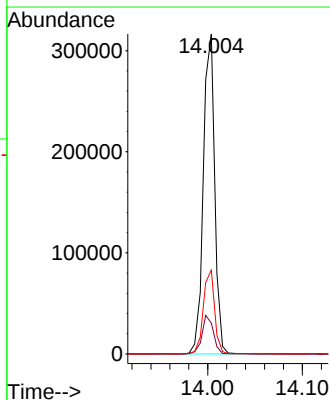
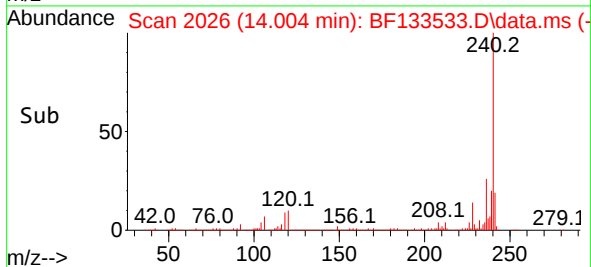
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

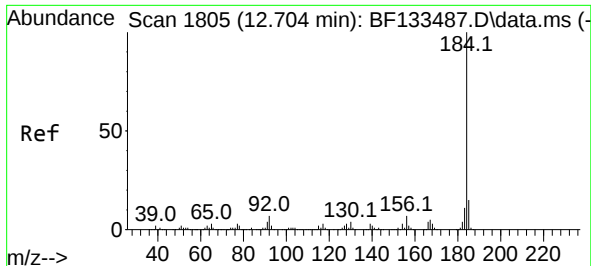


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



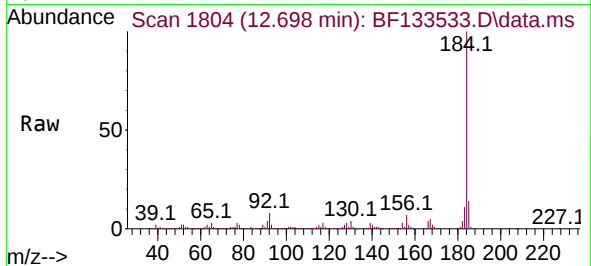
Tgt Ion:240 Resp: 264708
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 26.2 20.5 30.7





#77
Benzidine
Concen: 77.919 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

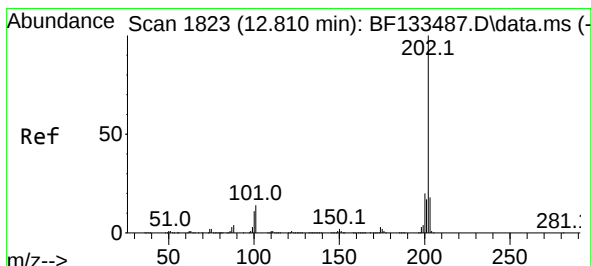
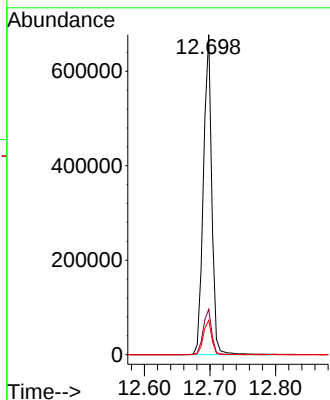
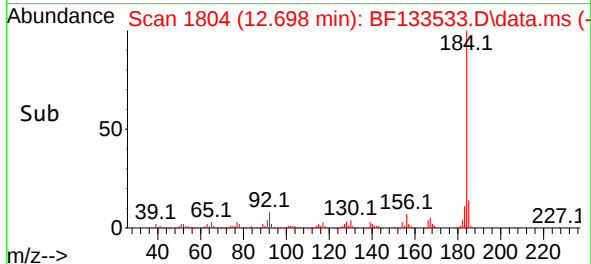
Instrument :
BNA_F
ClientSampleId :
WC25MSD



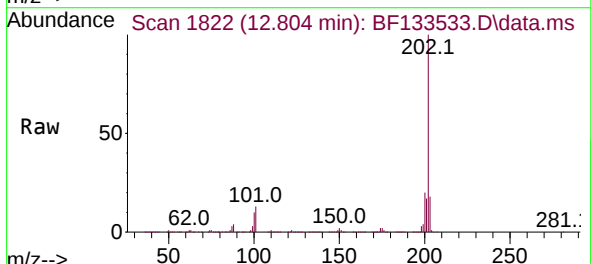
Tgt Ion:184 Resp: 60325
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.8 8.7 13.1

Manual Integrations
APPROVED

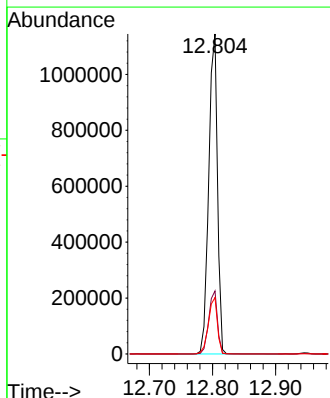
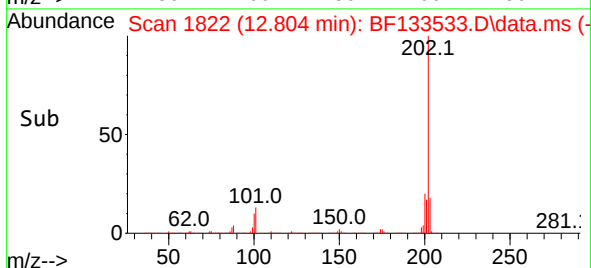
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

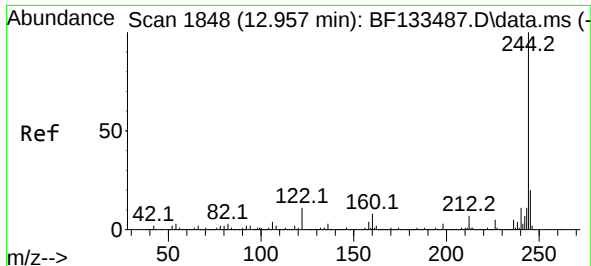


#78
Pyrene
Concen: 48.643 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



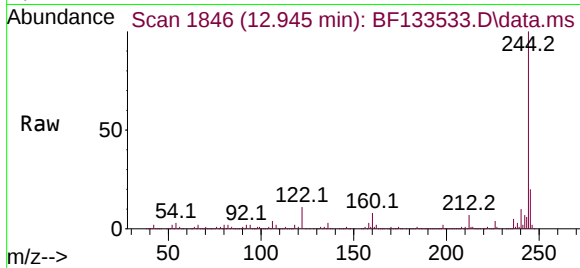
Tgt Ion:202 Resp: 1095716
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 68.984 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59

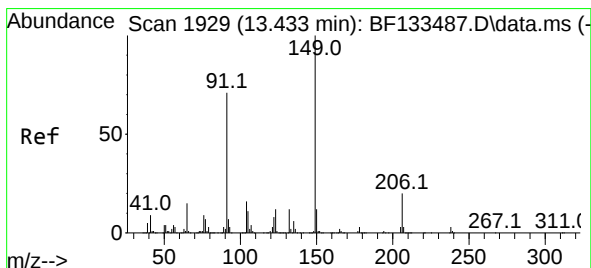
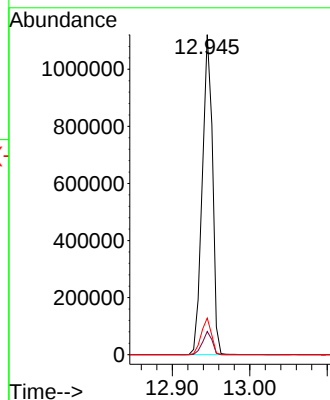
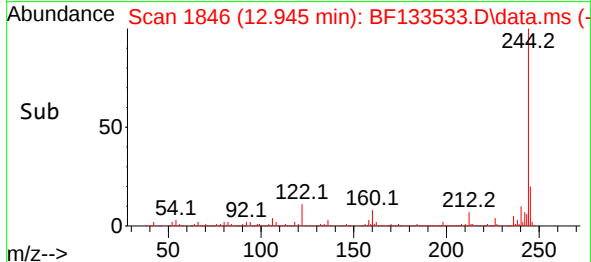
Instrument :
 BNA_F
 ClientSampleId :
 WC25MSD



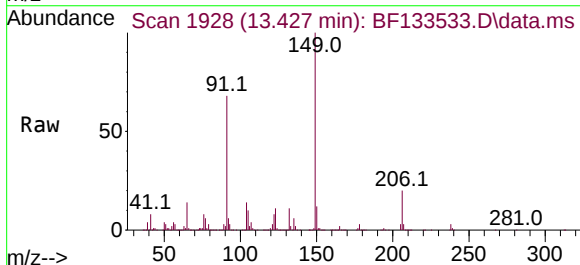
Tgt Ion:244 Resp: 1027044
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 11.5 8.5 12.7

Manual Integrations
 APPROVED

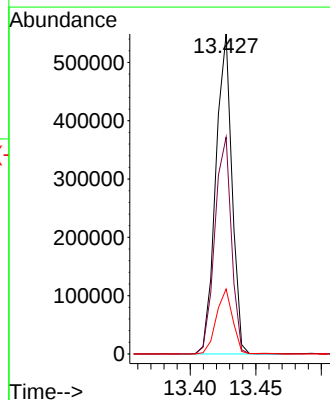
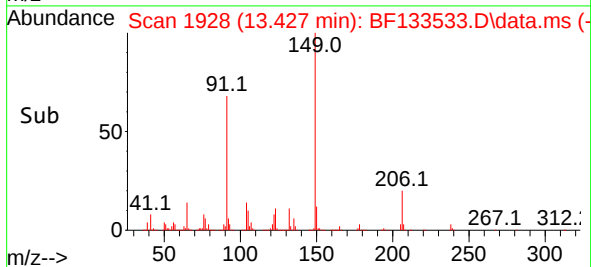
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

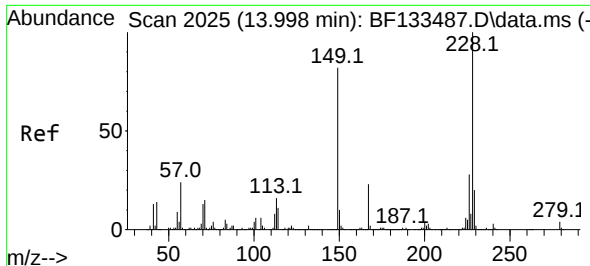


#80
 Butylbenzylphthalate
 Concen: 52.891 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59



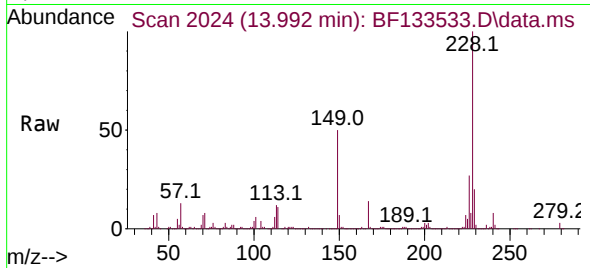
Tgt Ion:149 Resp: 471385
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.9 85.3
 206 20.3 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.446 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

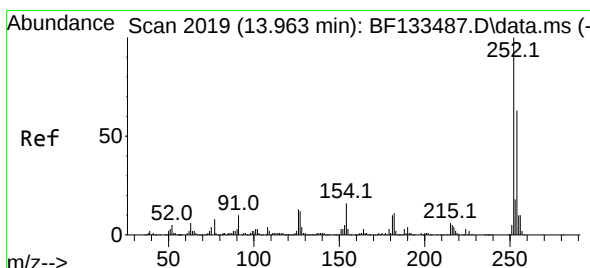
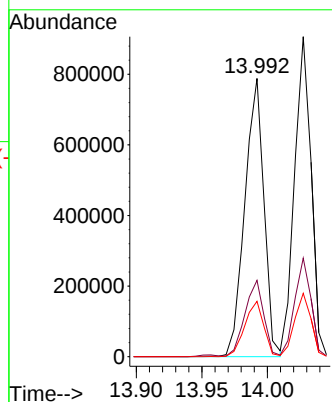
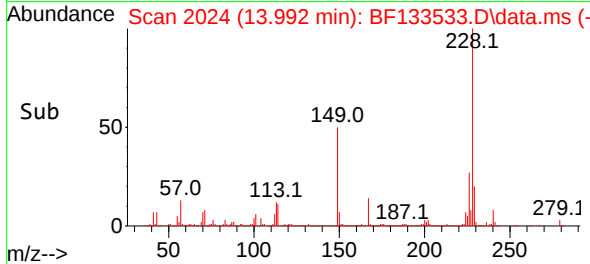
Instrument :
BNA_F
ClientSampleId :
WC25MSD



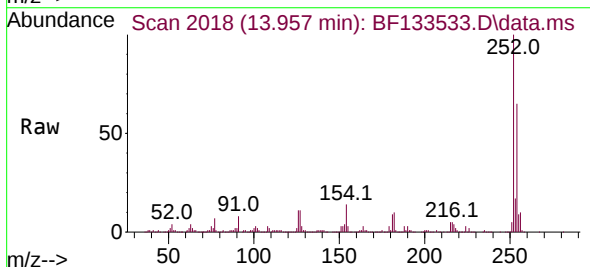
Tgt Ion:228 Resp: 801390
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.9 16.1 24.1

Manual Integrations
APPROVED

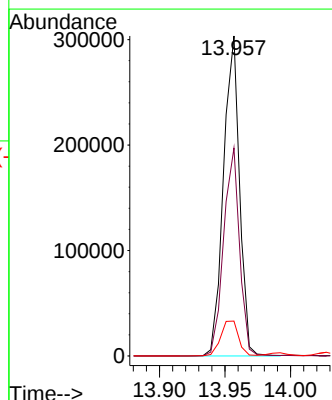
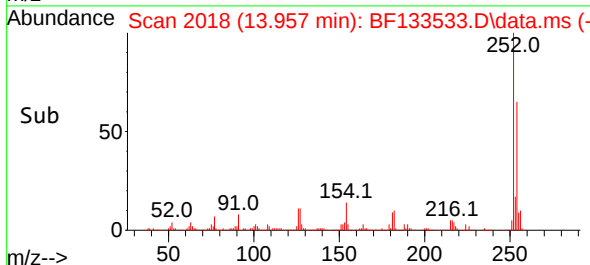
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023

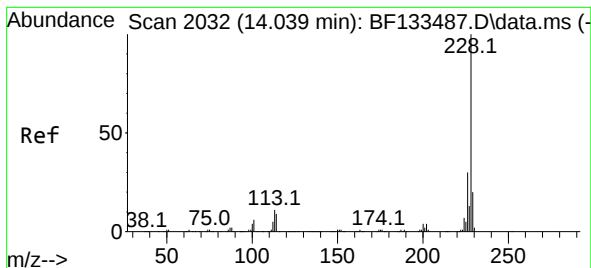


#82
3,3'-Dichlorobenzidine
Concen: 46.755 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59



Tgt Ion:252 Resp: 257737
Ion Ratio Lower Upper
252 100
254 65.0 50.3 75.5
126 10.9 10.5 15.7





#83

Chrysene

Concen: 44.831 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

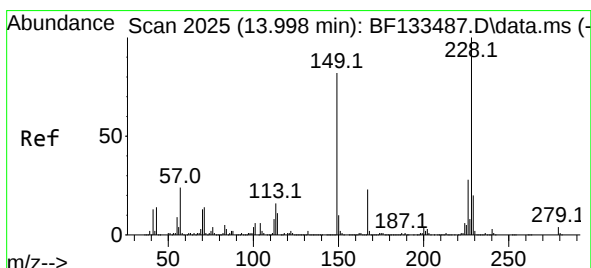
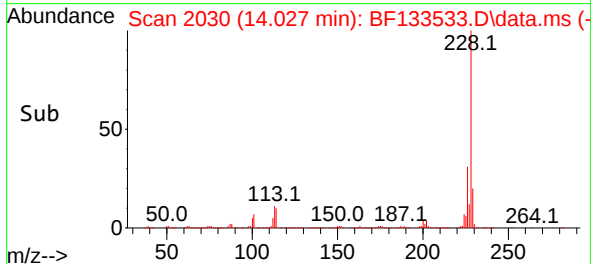
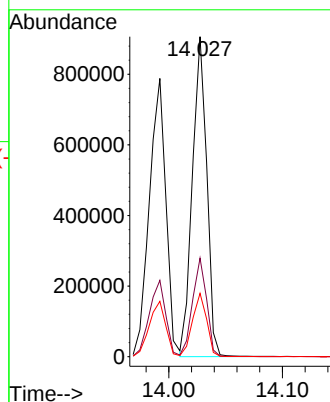
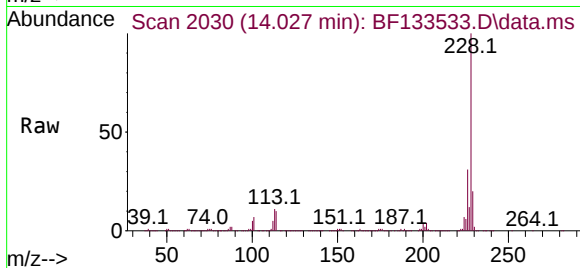
WC25MSD

Tgt Ion:	228	Resp:	798078
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.1	36.1
229	19.8	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.796 ng

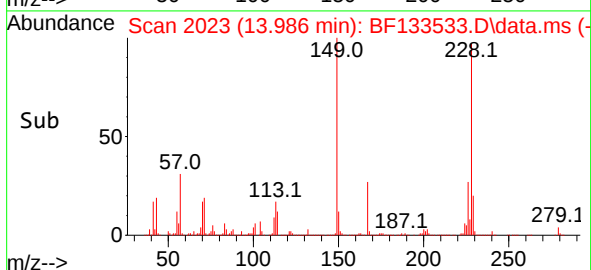
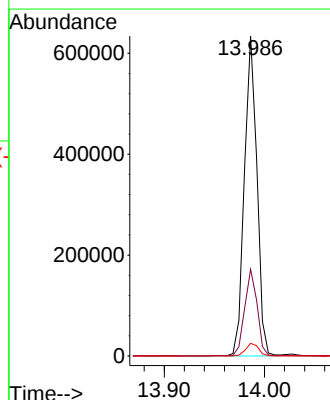
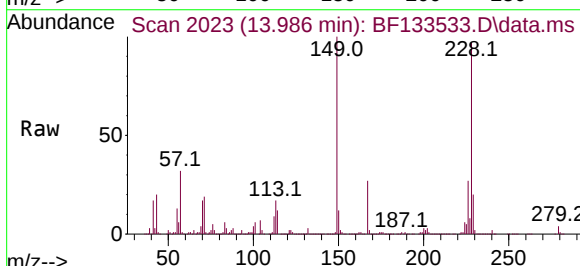
RT: 13.986 min Scan# 2023

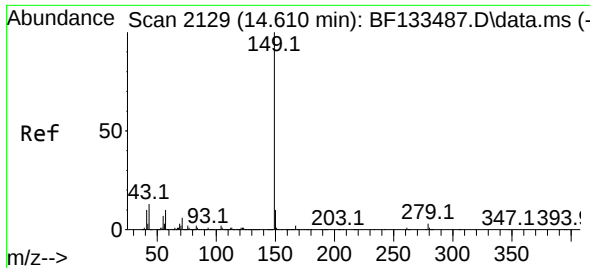
Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

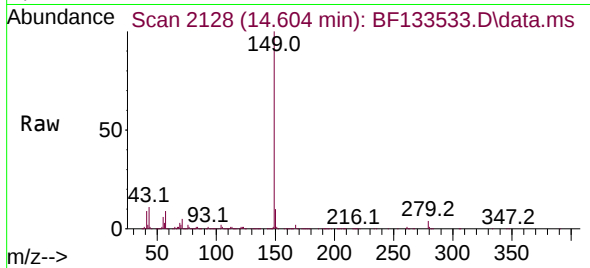
Tgt Ion:	149	Resp:	554739
Ion Ratio	Lower	Upper	
149	100		
167	27.1	22.0	33.0
279	4.0	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 52.092 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

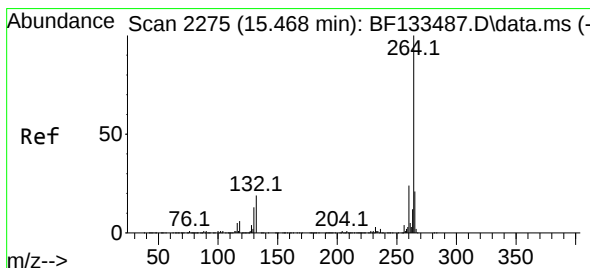
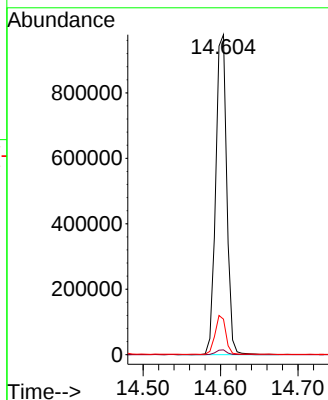
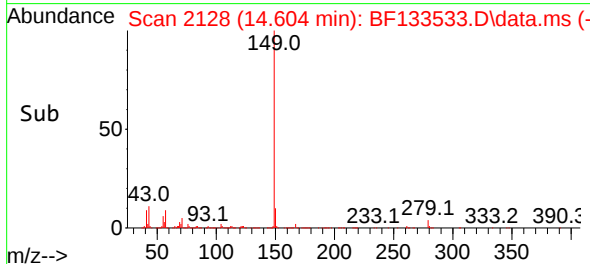
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion:149 Resp: 96671
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.8 10.0 15.0

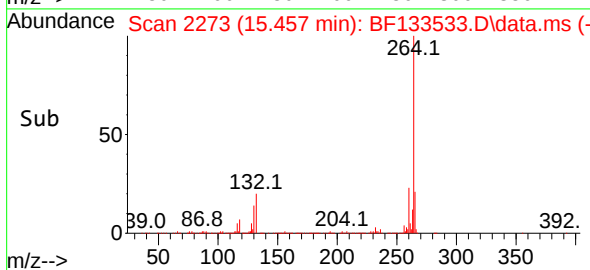
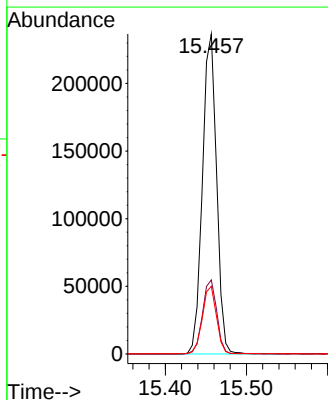
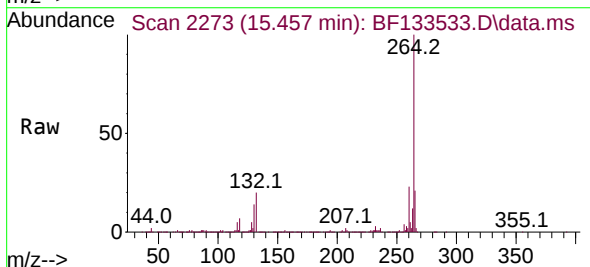
Manual Integrations
APPROVED

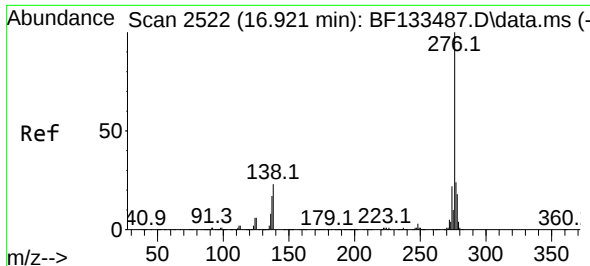
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Yogesh Patel 06/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion:264 Resp: 286174
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.1 16.8 25.2





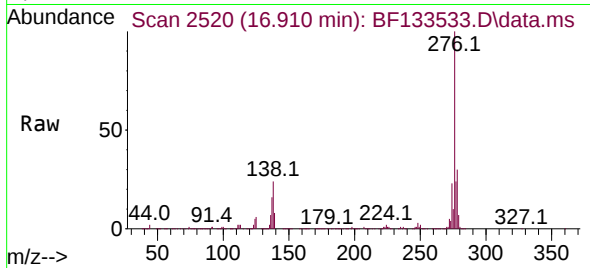
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.539 ng
 RT: 16.910 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC25MSD

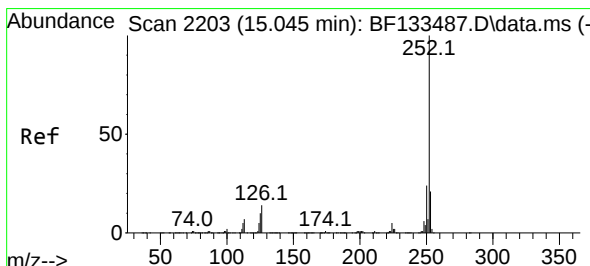
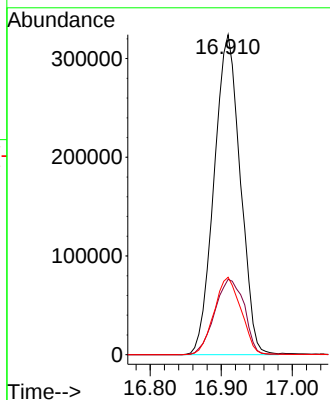
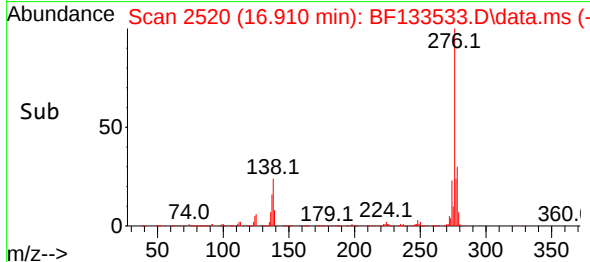


Tgt Ion:276 Resp: 830132
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.4 32.2
 277 25.0 20.0 30.0

Manual Integrations

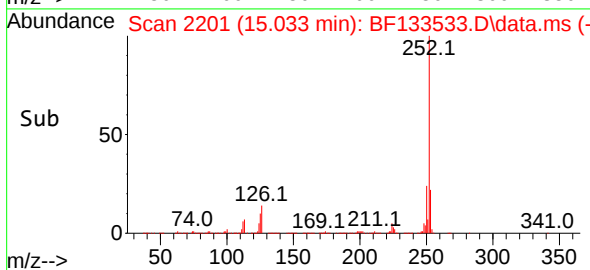
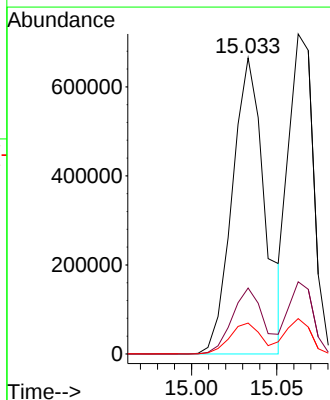
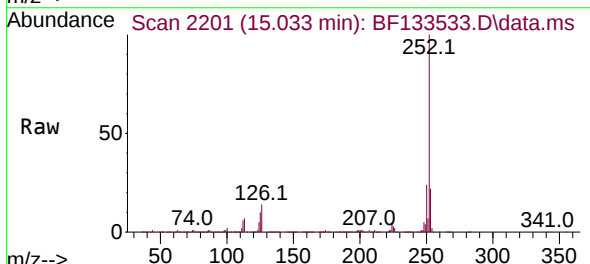
APPROVED

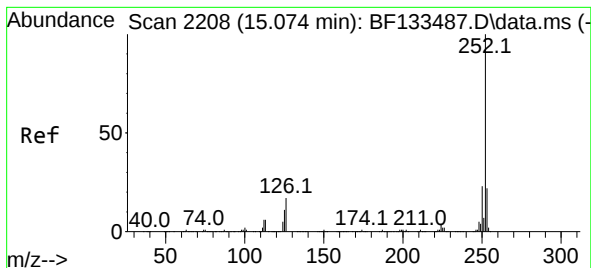
Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#88
 Benzo(b)fluoranthene
 Concen: 47.154 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: BF133533.D
 Acq: 30 May 2023 20:59

Tgt Ion:252 Resp: 878704
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.2 25.8
 125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 40.281 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

Instrument :

BNA_F

ClientSampleId :

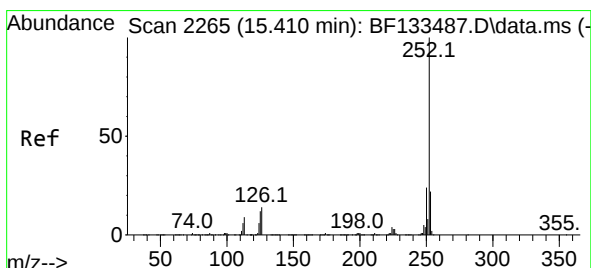
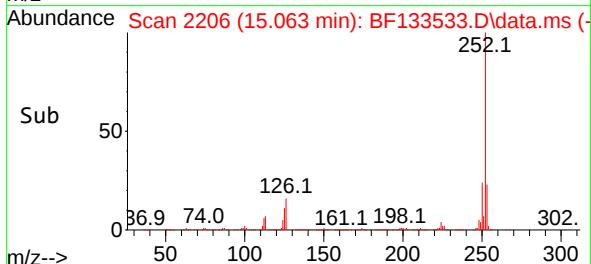
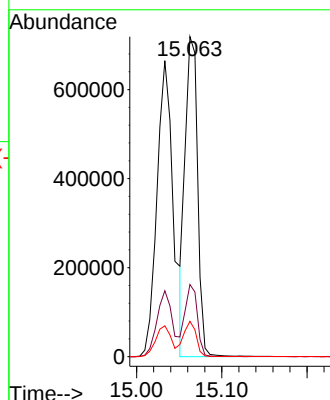
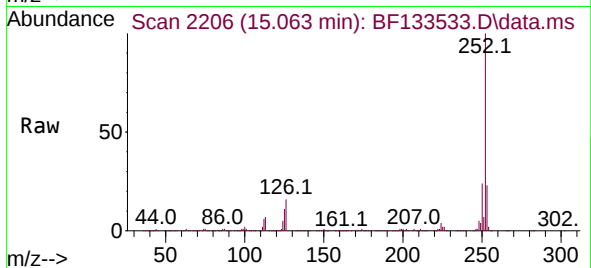
WC25MSD

Tgt Ion:252 Resp: 731920
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.2
 125 11.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023



#90

Benzo(a)pyrene

Concen: 42.368 ng

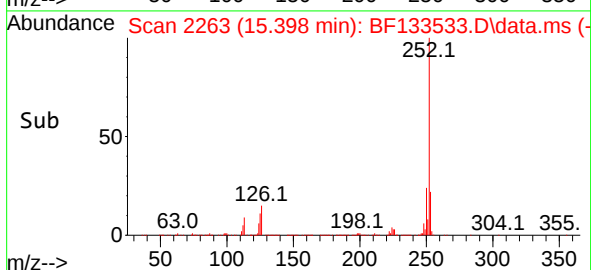
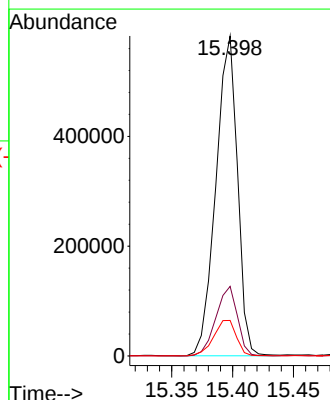
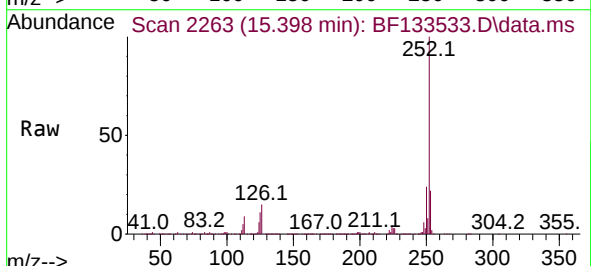
RT: 15.398 min Scan# 2263

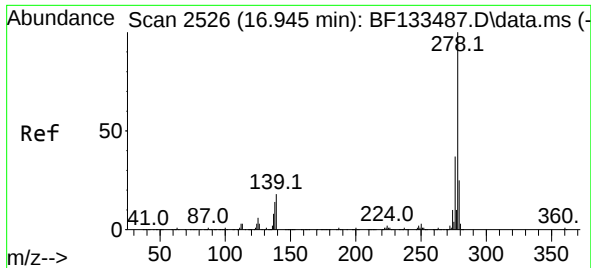
Delta R.T. -0.000 min

Lab File: BF133533.D

Acq: 30 May 2023 20:59

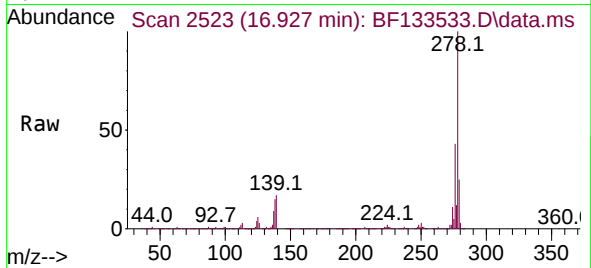
Tgt Ion:252 Resp: 718414
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 11.1 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 46.312 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

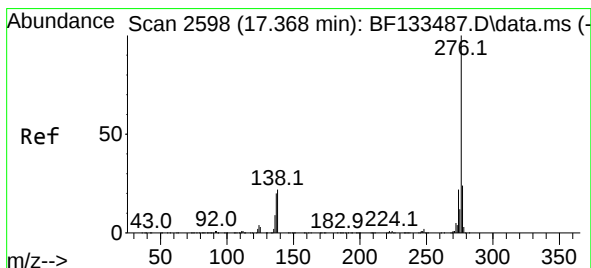
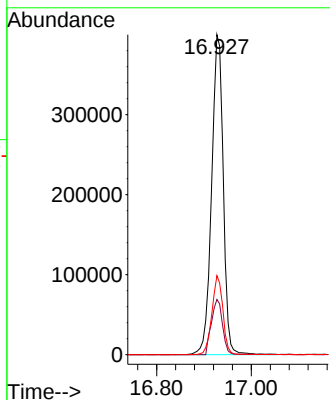
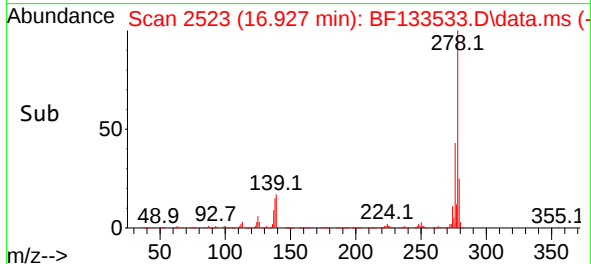
Instrument :
BNA_F
ClientSampleId :
WC25MSD



Tgt Ion: 278 Resp: 684475
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 24.7 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/31/2023
Supervised By : Yogesh Patel 06/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.745 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.006 min
Lab File: BF133533.D
Acq: 30 May 2023 20:59

Tgt Ion: 276 Resp: 651917
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 23.3 17.8 26.6

