

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133165.D
 Acq On : 01 May 2023 20:11
 Operator : CG\JU
 Sample : 02558-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS

Quant Time: May 02 05:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204358	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	790892	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	397770	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	649297	20.000	ng	0.00
76) Chrysene-d12	13.892	240	271878	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	356467	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	894634	66.131	ng	0.00
7) Phenol-d6	6.375	99	1100813	65.559	ng	0.00
23) Nitrobenzene-d5	7.298	82	605959	41.356	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	251358	62.834	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1095817	46.089	ng	0.00
79) Terphenyl-d14	12.839	244	772096	48.978	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	286676	45.686	ng	96
3) Pyridine	3.169	79	722743	43.366	ng	93
4) n-Nitrosodimethylamine	3.128	42	386229	44.742	ng	98
6) Aniline	6.392	93	616135	28.490	ng	# 44
8) 2-Chlorophenol	6.516	128	691157	50.319	ng	97
9) Benzaldehyde	6.275	77	393375	60.024	ng	99
10) Phenol	6.387	94	907890	49.012	ng	85
11) bis(2-Chloroethyl)ether	6.469	93	651729	46.885	ng	97
12) 1,3-Dichlorobenzene	6.675	146	727435	49.813	ng	97
13) 1,4-Dichlorobenzene	6.751	146	714883	48.845	ng	97
14) 1,2-Dichlorobenzene	6.904	146	697145	51.666	ng	99
15) Benzyl Alcohol	6.881	79	567570	48.933	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1014940	42.038	ng	92
17) 2-Methylphenol	6.998	107	557962	44.363	ng	99
18) Hexachloroethane	7.245	117	263910	51.865	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	444378	42.510	ng	90
20) 3+4-Methylphenols	7.151	107	649261	43.834	ng	# 84
22) Acetophenone	7.145	105	983652	53.691	ng	97
24) Nitrobenzene	7.316	77	666308	44.876	ng	98
25) Isophorone	7.557	82	1303975	46.872	ng	98
26) 2-Nitrophenol	7.633	139	377716	52.743	ng	96
27) 2,4-Dimethylphenol	7.681	122	594365	48.401	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	757431	46.022	ng	98
29) 2,4-Dichlorophenol	7.881	162	546703	48.904	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	570259	49.239	ng	99
31) Naphthalene	8.039	128	2023223	51.166	ng	98
32) Benzoic acid	7.798	122	311222	41.030	ng	95
33) 4-Chloroaniline	8.086	127	210665	13.186	ng	99
34) Hexachlorobutadiene	8.163	225	310526	48.377	ng	98
35) Caprolactam	8.469	113	251334m	66.925	ng	
36) 4-Chloro-3-methylphenol	8.581	107	601928	49.931	ng	100
37) 2-Methylnaphthalene	8.733	142	1518692	56.177	ng	97
38) 1-Methylnaphthalene	8.833	142	1308901	51.756	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	500775	46.824	ng	98
41) Hexachlorocyclopentadiene	8.886	237	533199	85.485	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	354845	47.976	ng	99

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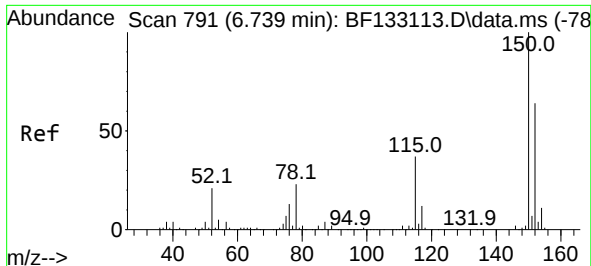
Quant Time: May 02 05:22:05 2023
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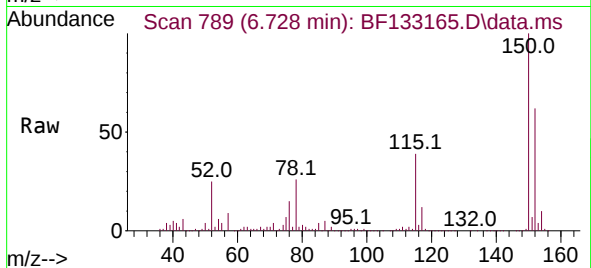
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	363367	42.479	ng	98
46) 1,1'-Biphenyl	9.198	154	1441680	45.708	ng	99
47) 2-Chloronaphthalene	9.222	162	1084279	46.966	ng	99
48) 2-Nitroaniline	9.316	65	355558	46.601	ng	96
49) Acenaphthylene	9.633	152	1655942	44.891	ng	99
50) Dimethylphthalate	9.504	163	1208230	43.562	ng	99
51) 2,6-Dinitrotoluene	9.563	165	302177	48.406	ng	87
52) Acenaphthene	9.810	154	1126343m	45.590	ng	
53) 3-Nitroaniline	9.727	138	283440	38.186	ng	96
54) 2,4-Dinitrophenol	9.833	184	162452	51.772	ng	98
55) Dibenzofuran	9.980	168	1427994	42.372	ng	96
56) 4-Nitrophenol	9.898	139	514976	89.578	ng	92
57) 2,4-Dinitrotoluene	9.963	165	401586	50.444	ng	# 95
58) Fluorene	10.322	166	1099790	44.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	291435	43.947	ng	# 97
60) Diethylphthalate	10.198	149	1177397	44.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	519114	43.143	ng	97
62) 4-Nitroaniline	10.339	138	310700	45.543	ng	100
63) Azobenzene	10.475	77	1168758	42.113	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	143451	36.450	ng	# 65
66) n-Nitrosodiphenylamine	10.433	169	1075911	51.084	ng	97
67) 4-Bromophenyl-phenylether	10.804	248	334048	47.437	ng	97
68) Hexachlorobenzene	10.874	284	353695	49.016	ng	99
69) Atrazine	10.969	200	352188	58.033	ng	98
70) Pentachlorophenol	11.063	266	371385	72.267	ng	97
71) Phenanthrene	11.280	178	1688734	48.391	ng	99
72) Anthracene	11.333	178	1597076	44.718	ng	99
73) Carbazole	11.486	167	1427603	44.892	ng	97
74) Di-n-butylphthalate	11.821	149	1638767	45.537	ng	100
75) Fluoranthene	12.468	202	1239689	35.396	ng	96
77) Benzidine	12.586	184	395511	86.026	ng	# 93
78) Pyrene	12.692	202	1278179	54.843	ng	99
80) Butylbenzylphthalate	13.321	149	480628	58.243	ng	100
81) Benzo(a)anthracene	13.886	228	877220	46.920	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	162299	31.424	ng	# 95
83) Chrysene	13.921	228	842904	45.095	ng	98
84) Bis(2-ethylhexyl)phtha...	13.886	149	570733	55.101	ng	97
85) Di-n-octyl phthalate	14.498	149	1012595	59.955	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.709	276	1140207	56.233	ng	97
88) Benzo(b)fluoranthene	14.915	252	953711	42.054	ng	# 95
89) Benzo(k)fluoranthene	14.945	252	949913	42.255	ng	# 96
90) Benzo(a)pyrene	15.262	252	893362	43.280	ng	# 97
91) Dibenzo(a,h)anthracene	16.727	278	939291	55.541	ng	99
92) Benzo(g,h,i)perylene	17.127	276	917053	54.926	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

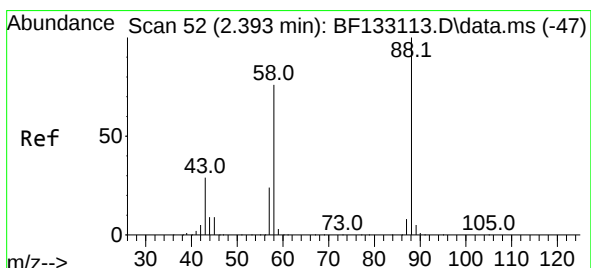
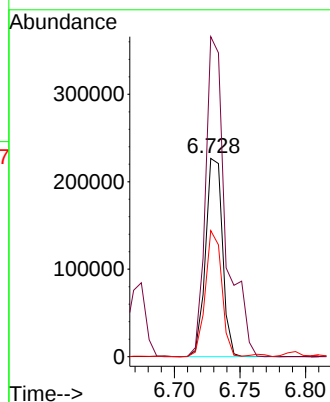
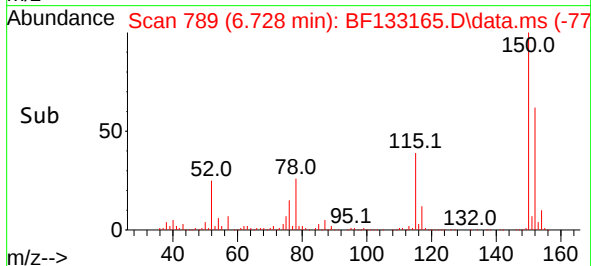
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:152 Resp: 204358
Ion Ratio Lower Upper
152 100
150 161.4 124.8 187.2
115 63.6 49.9 74.9

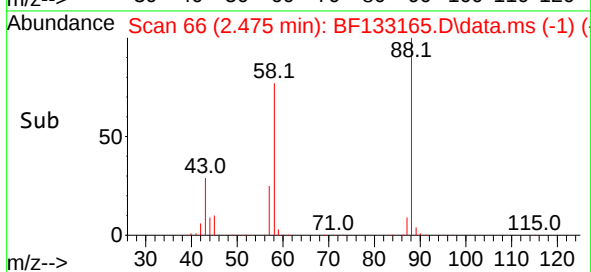
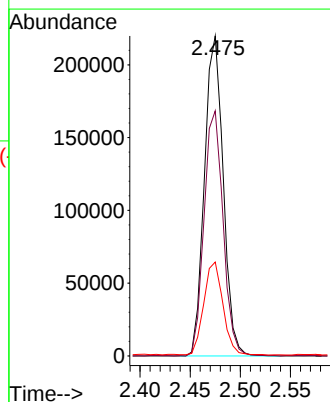
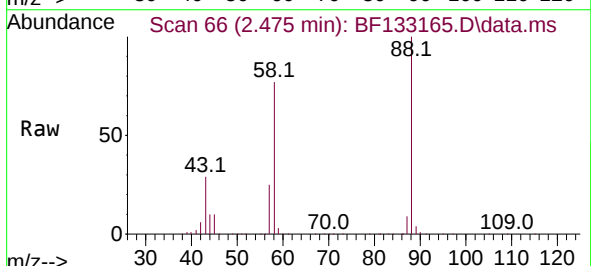
Manual Integrations
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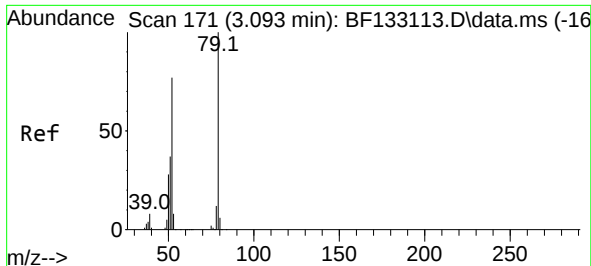
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#2
1,4-Dioxane
Concen: 45.686 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.088 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

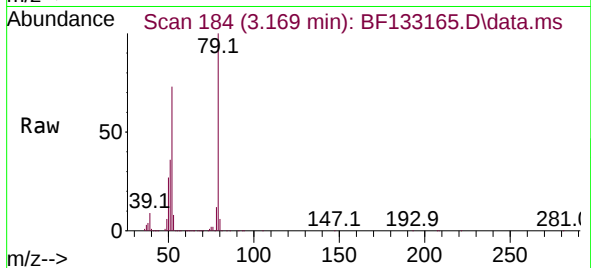
Tgt Ion: 88 Resp: 286676
Ion Ratio Lower Upper
88 100
58 77.7 64.7 97.1
43 29.8 26.2 39.2





#3
Pyridine
Concen: 43.366 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

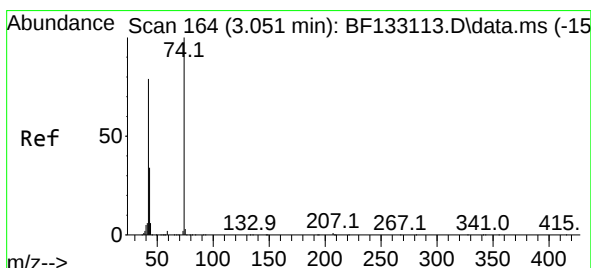
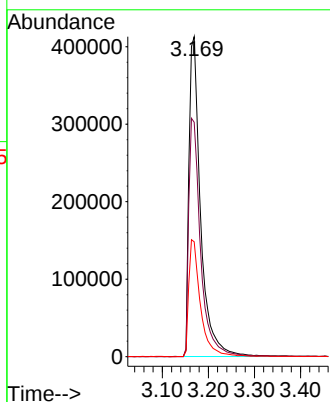
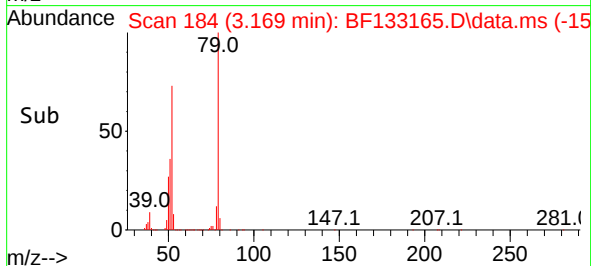
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 79 Resp: 72274
Ion Ratio Lower Upper
79 100
52 73.3 64.6 96.8
51 35.9 30.0 45.0

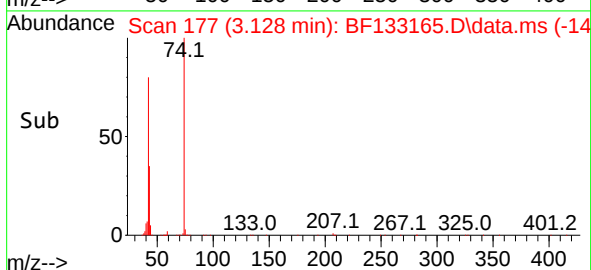
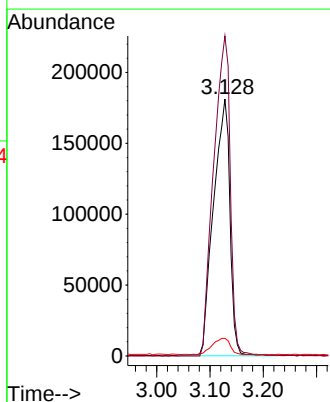
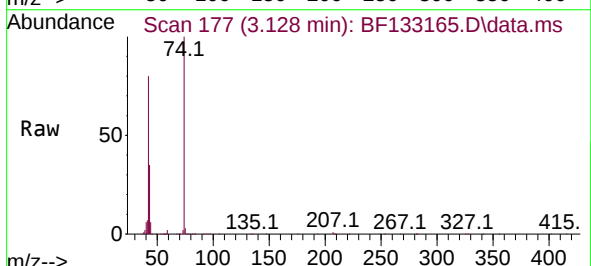
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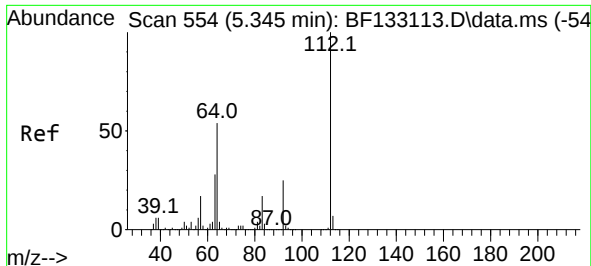
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#4
n-Nitrosodimethylamine
Concen: 44.742 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.082 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

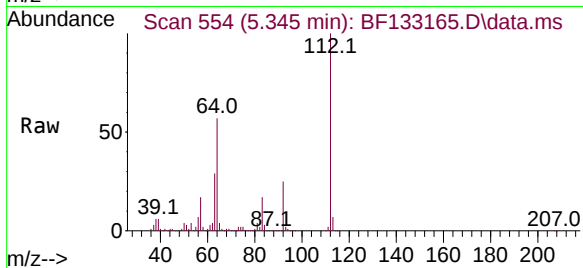
Tgt Ion: 42 Resp: 386229
Ion Ratio Lower Upper
42 100
74 124.5 98.0 147.0
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 66.131 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

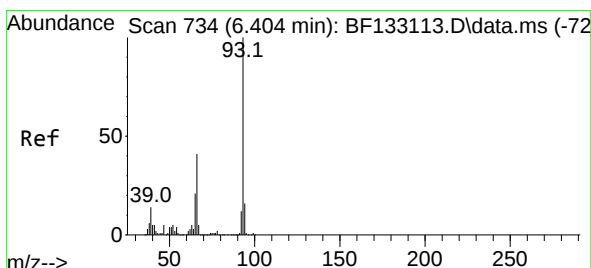
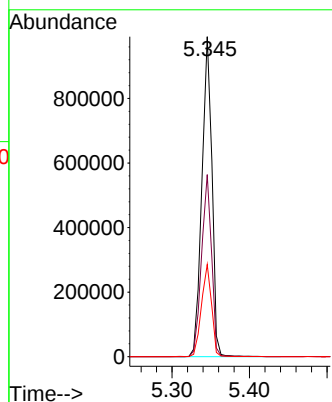
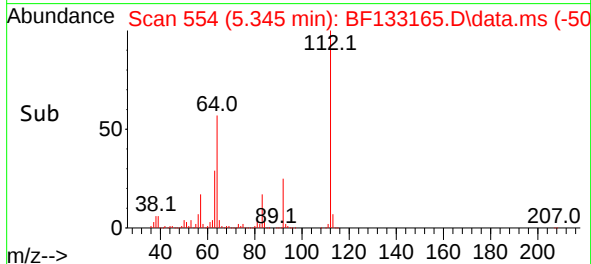
Instrument :
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ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:112 Resp: 894634
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.8 23.8 35.8

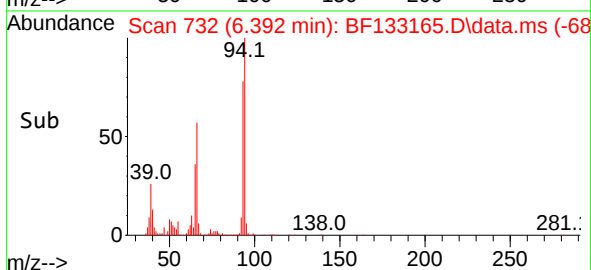
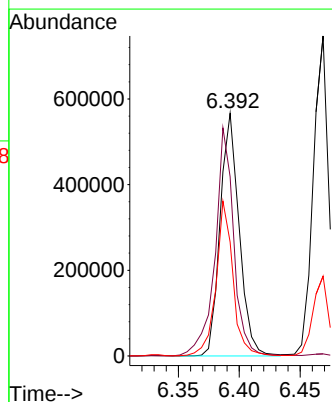
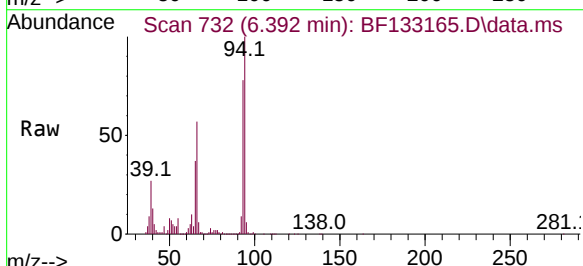
Manual Integrations
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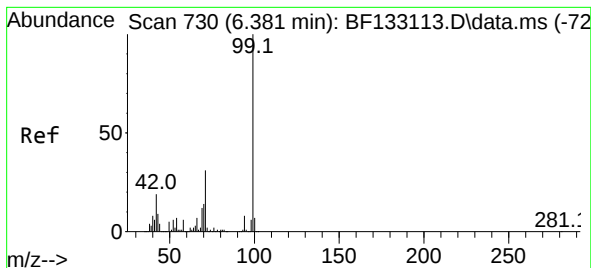
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#6
Aniline
Concen: 28.490 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion: 93 Resp: 616135
Ion Ratio Lower Upper
93 100
66 73.8 31.5 47.3#
65 46.9 16.4 24.6#





#7

Phenol-d6

Concen: 65.559 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 99 Resp: 110081

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

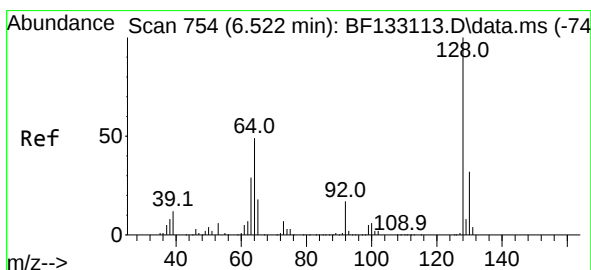
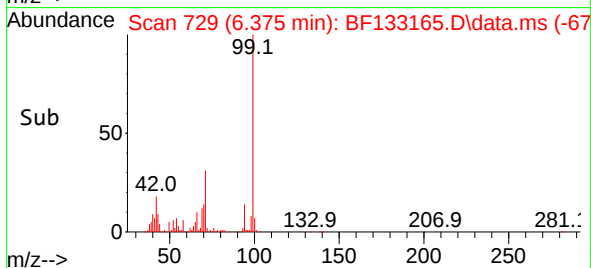
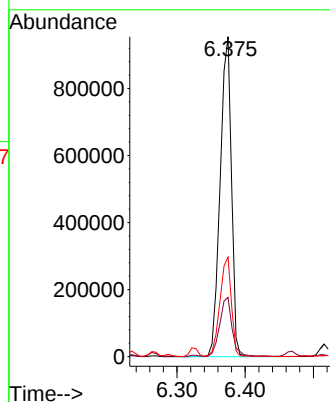
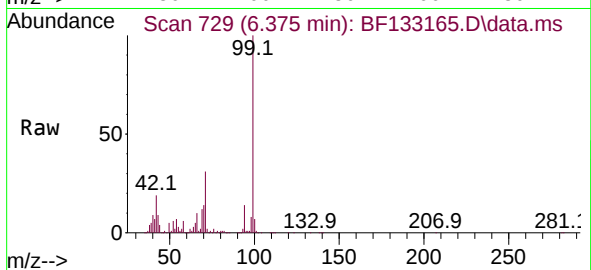
71 31.1 25.6 38.4

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 50.319 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

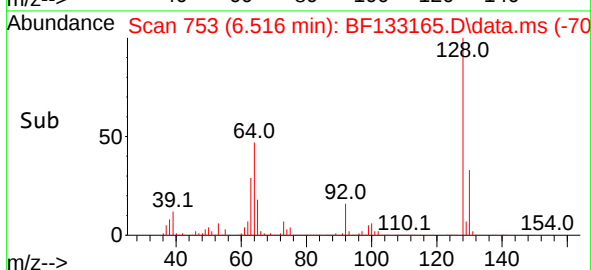
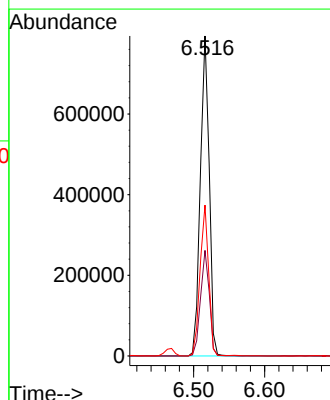
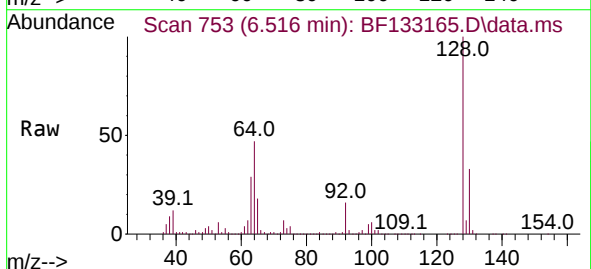
Tgt Ion:128 Resp: 691157

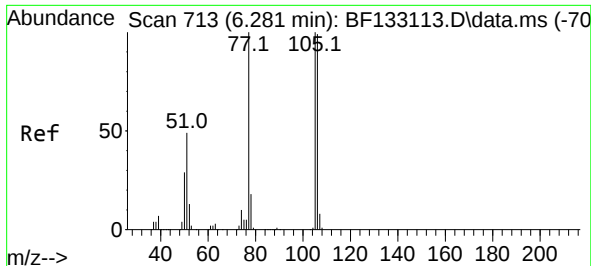
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

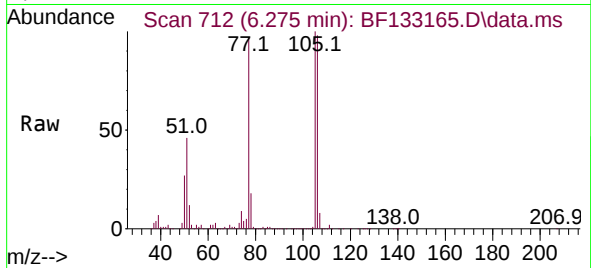
64 47.1 30.3 70.3





#9
Benzaldehyde
Concen: 60.024 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

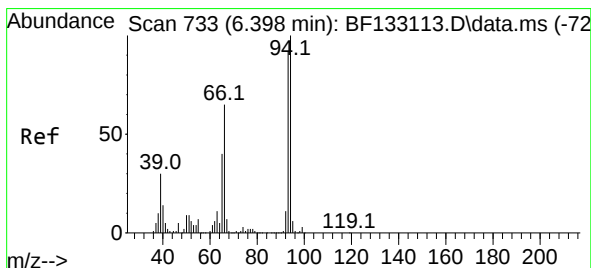
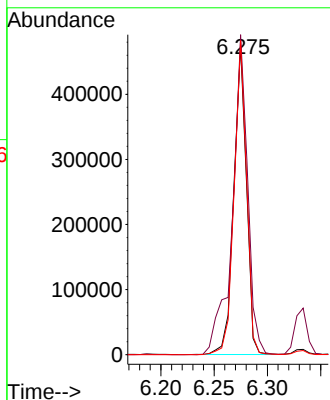
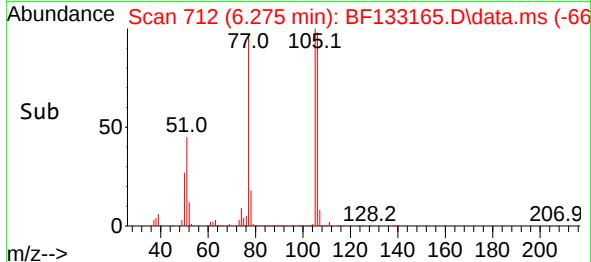
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 77 Resp: 393375
Ion Ratio Lower Upper
77 100
105 103.5 82.3 122.3
106 101.5 80.8 120.8

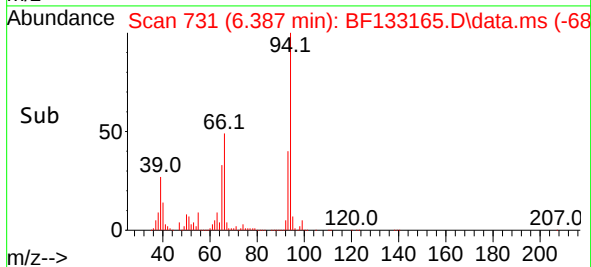
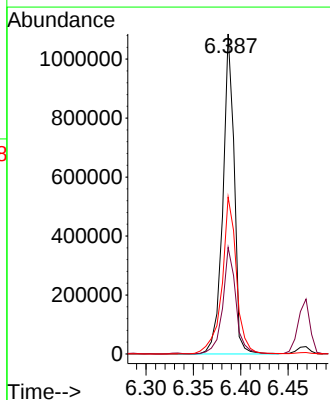
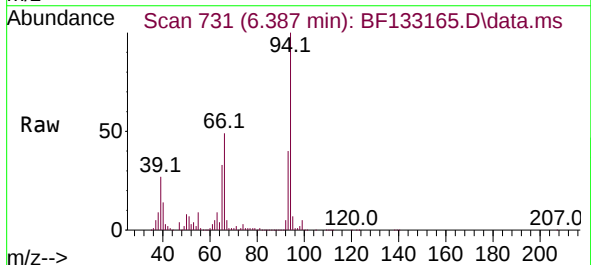
Manual Integrations
APPROVED

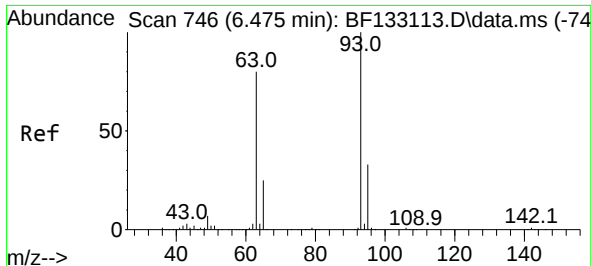
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Phenol
Concen: 49.012 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

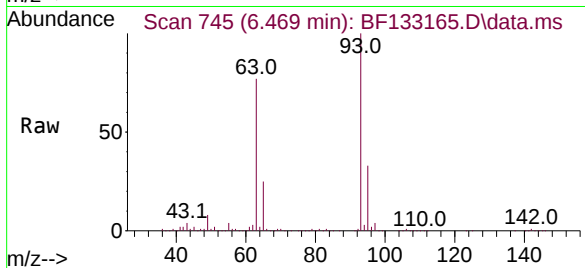
Tgt Ion: 94 Resp: 907890
Ion Ratio Lower Upper
94 100
65 33.3 8.6 48.6
66 49.1 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 46.885 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

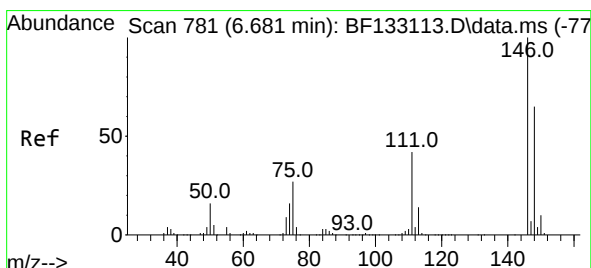
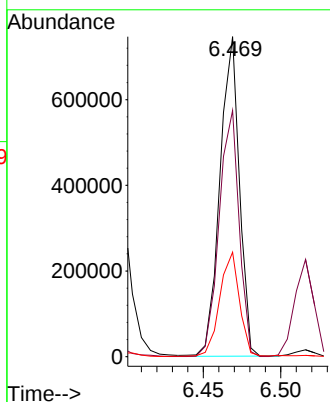
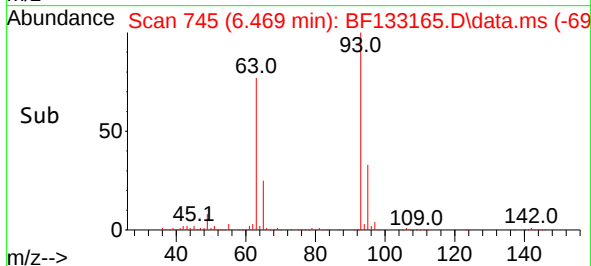
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 93 Resp: 651729
Ion Ratio Lower Upper
93 100
63 76.9 60.6 100.6
95 32.7 12.9 52.9

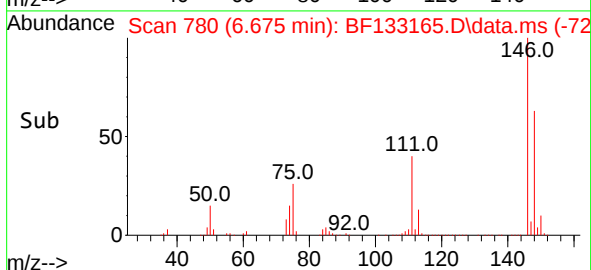
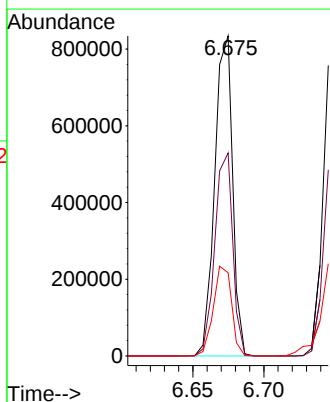
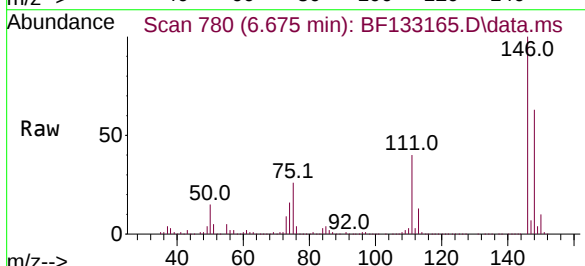
Manual Integrations
APPROVED

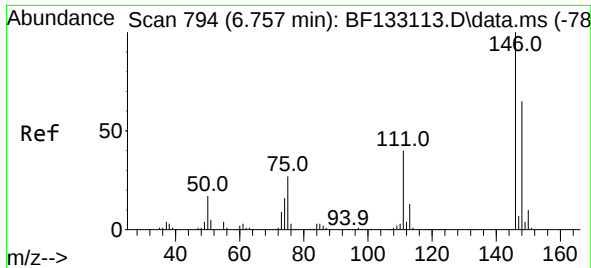
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
1,3-Dichlorobenzene
Concen: 49.813 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

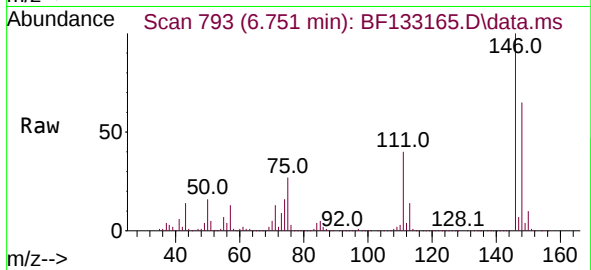
Tgt Ion:146 Resp: 727435
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 26.0 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 48.845 ng
RT: 6.751 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

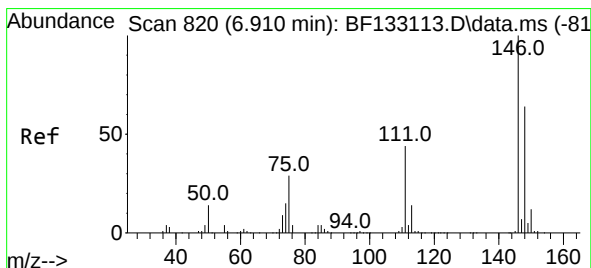
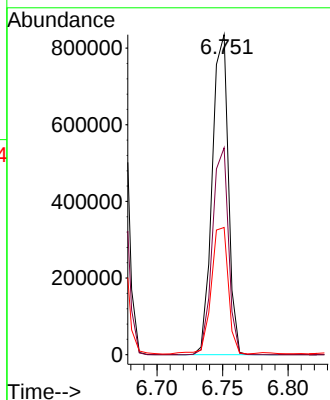
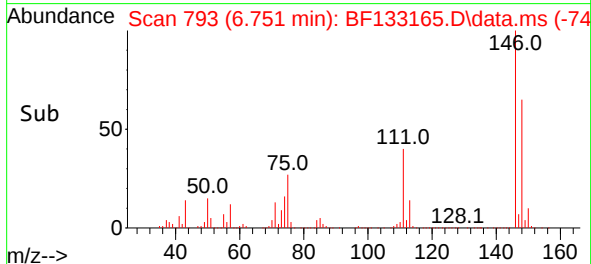
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



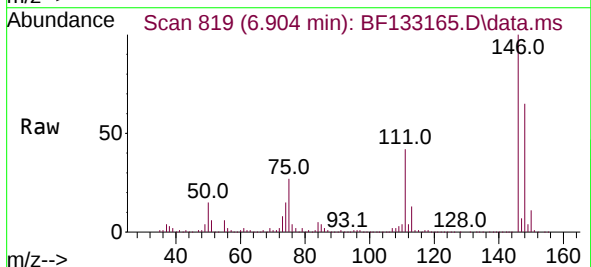
Tgt Ion:146 Resp: 71488
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
111 39.8 33.8 50.6

Manual Integrations
APPROVED

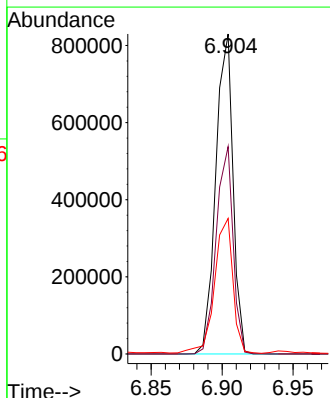
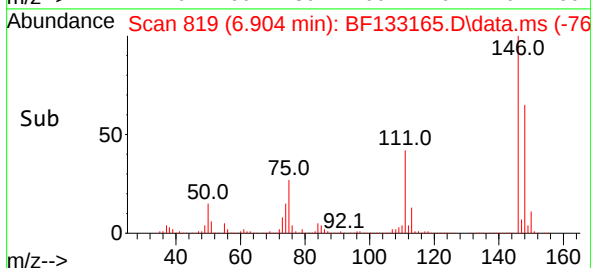
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

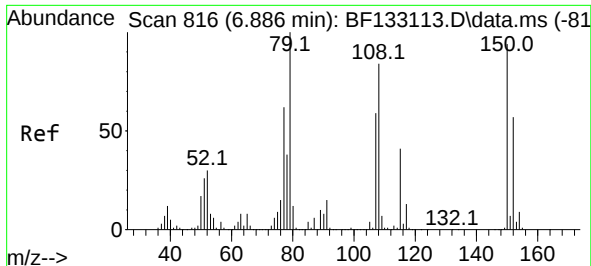


#14
1,2-Dichlorobenzene
Concen: 51.666 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



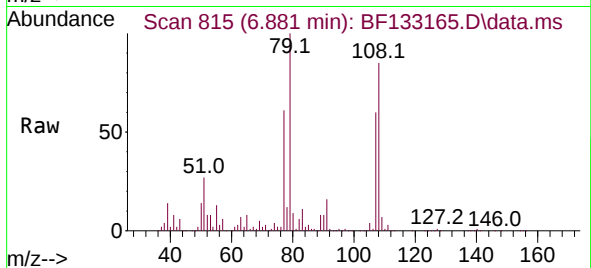
Tgt Ion:146 Resp: 697145
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 42.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.933 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

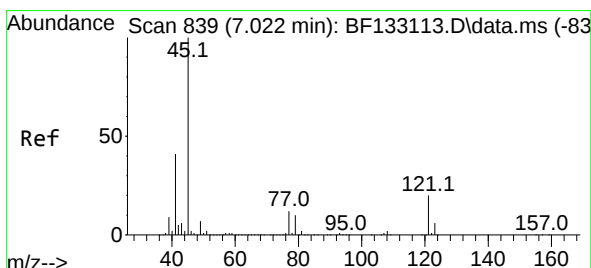
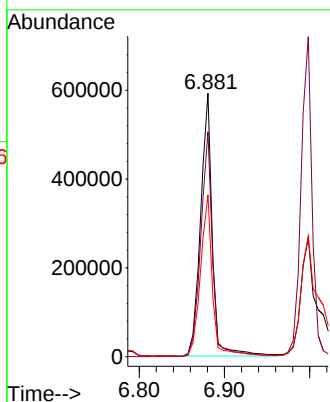
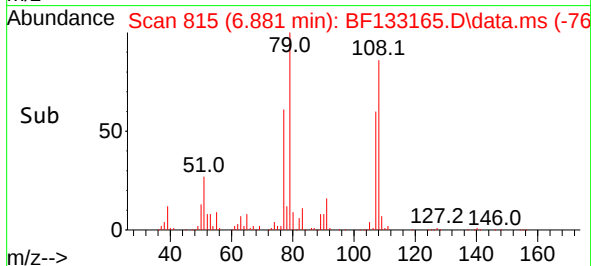
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 79 Resp: 567570
Ion Ratio Lower Upper
79 100
108 85.4 66.6 99.8
77 61.4 49.2 73.8

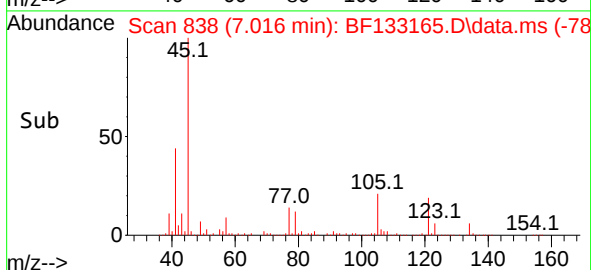
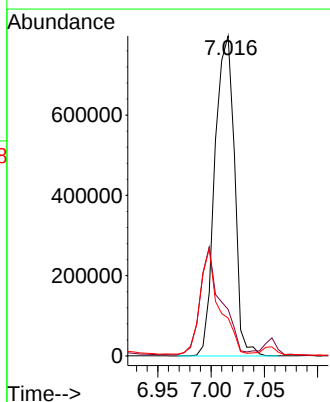
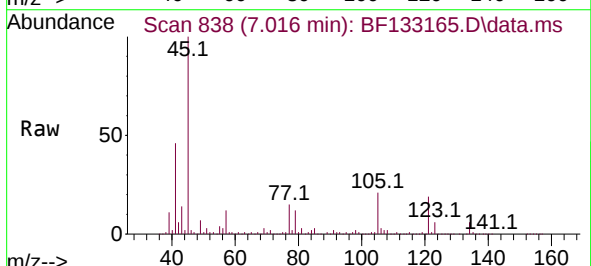
Manual Integrations
APPROVED

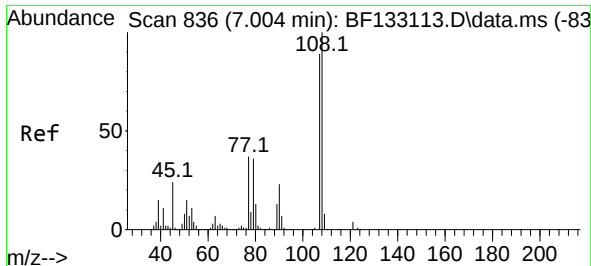
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.038 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

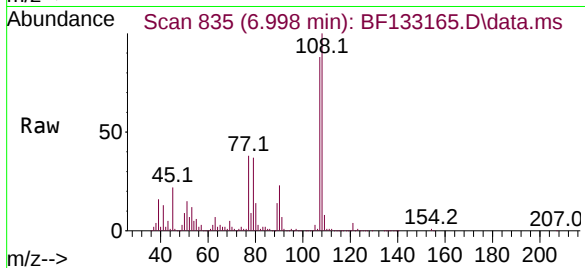
Tgt Ion: 45 Resp: 1014940
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.5
79 11.9 0.0 28.7





#17
2-Methylphenol
Concen: 44.363 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

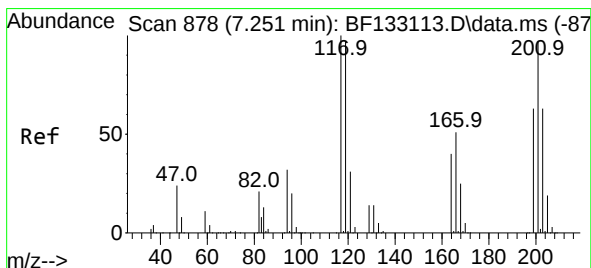
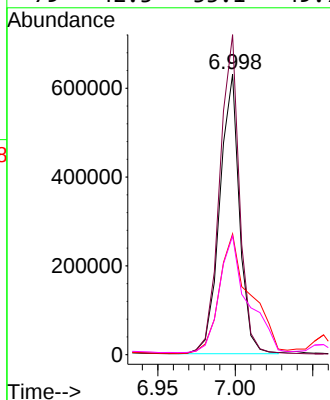
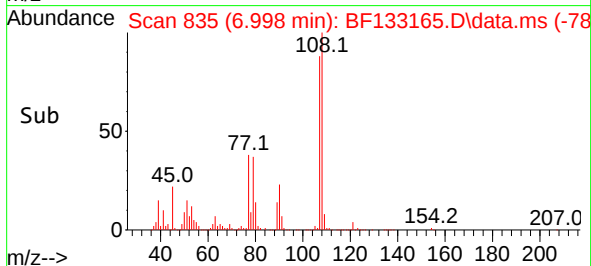
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:107 Resp: 557962
Ion Ratio Lower Upper
107 100
108 114.1 92.4 138.6
77 43.1 33.8 50.8
79 42.3 33.1 49.7

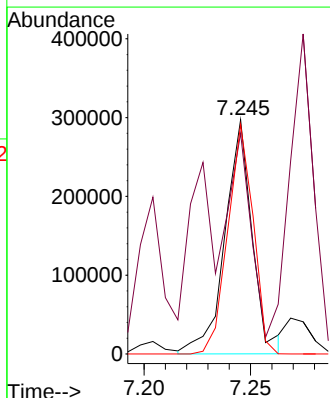
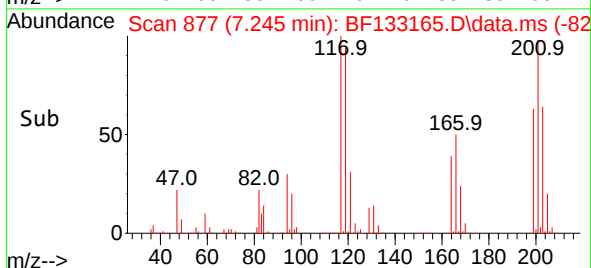
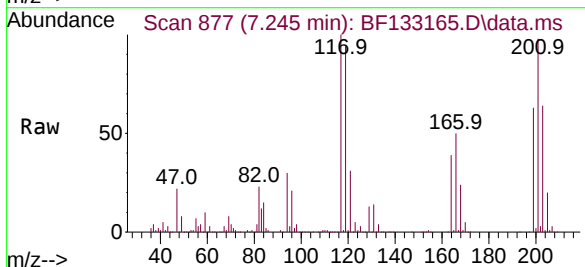
Manual Integrations
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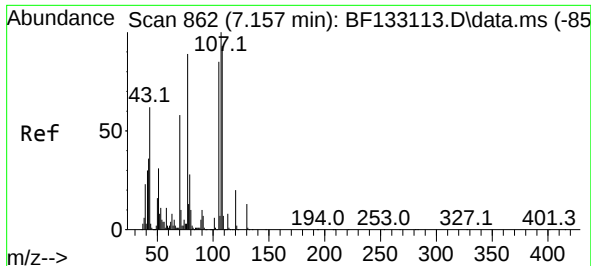
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#18
Hexachloroethane
Concen: 51.865 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:117 Resp: 263910
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4
201 98.0 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.510 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133165.D

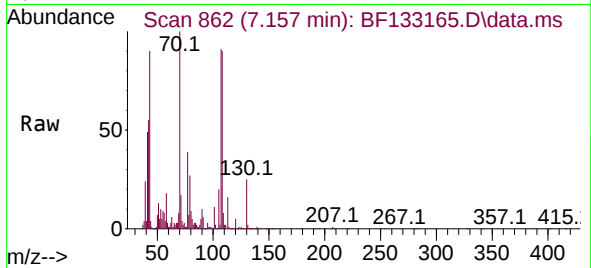
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion: 70 Resp: 444378

Ion Ratio Lower Upper

70 100

42 55.2 51.8 77.6

101 10.7 8.0 12.0

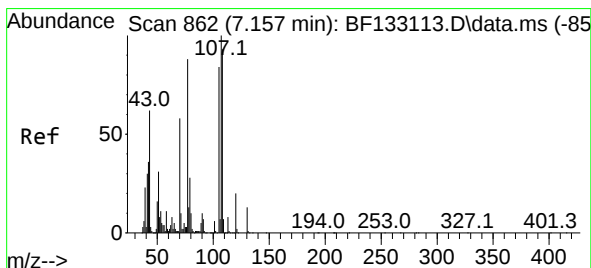
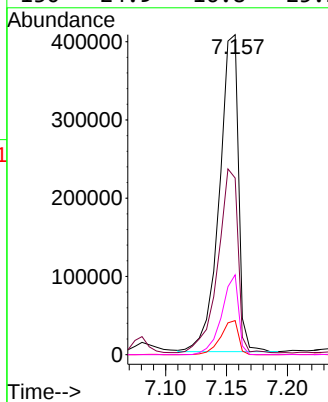
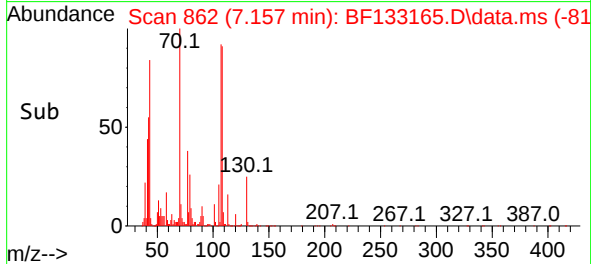
130 24.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#20

3+4-Methylphenols

Concen: 43.834 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Tgt Ion:107 Resp: 649261

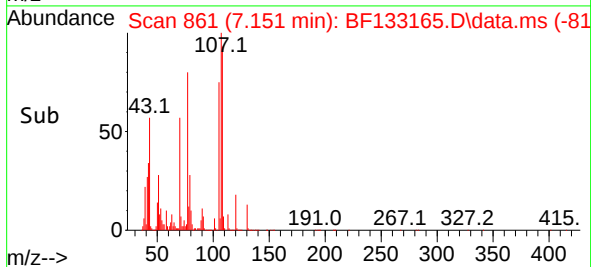
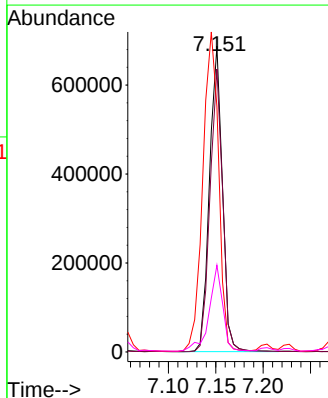
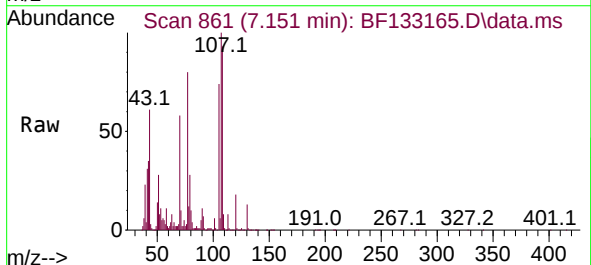
Ion Ratio Lower Upper

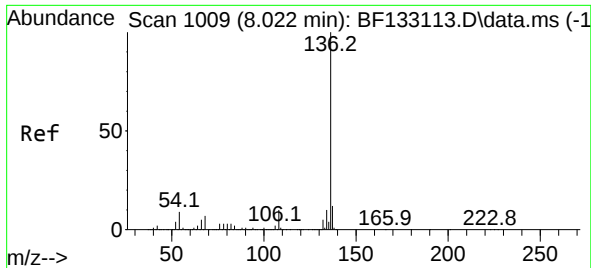
107 100

108 92.5 70.5 110.5

77 80.2 91.7 131.7#

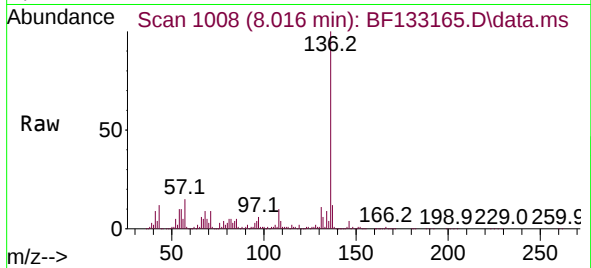
79 28.4 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

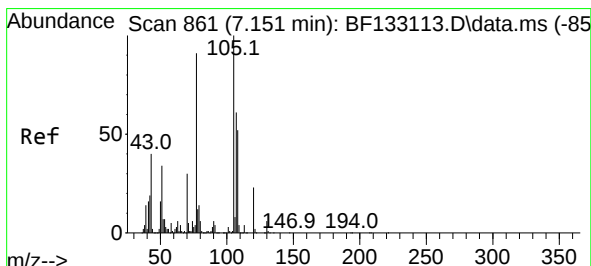
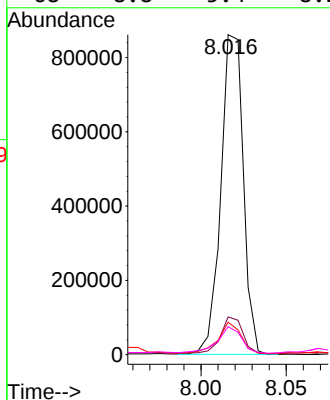
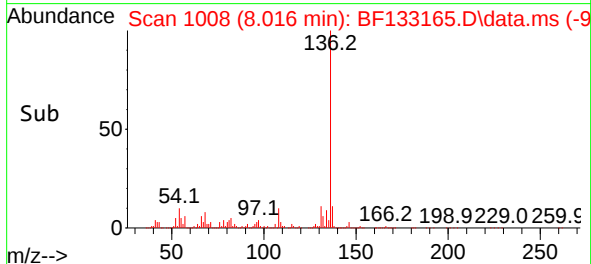
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:136 Resp: 790892
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 10.1 7.0 10.4
68 8.8 5.4 8.2#

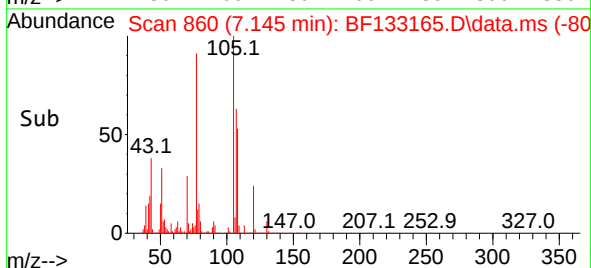
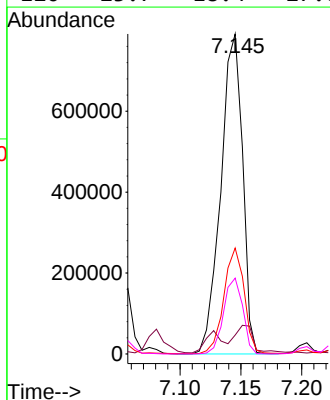
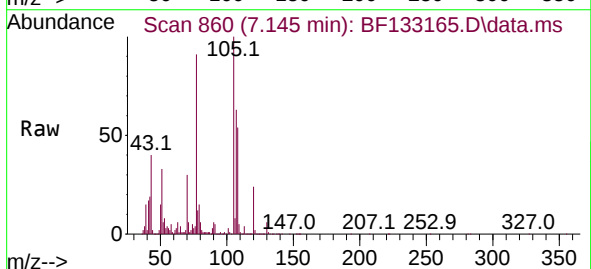
Manual Integrations
APPROVED

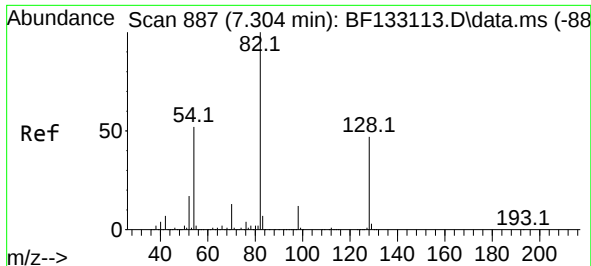
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#22
Acetophenone
Concen: 53.691 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:105 Resp: 983652
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 33.1 28.2 42.2
120 23.7 18.4 27.6





#23

Nitrobenzene-d5

Concen: 41.356 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

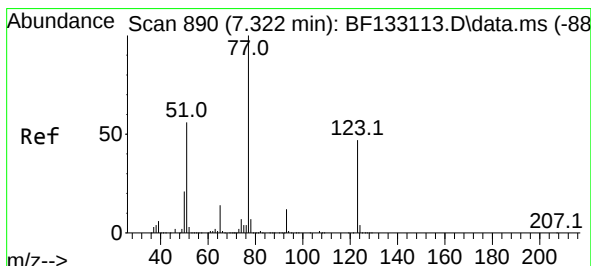
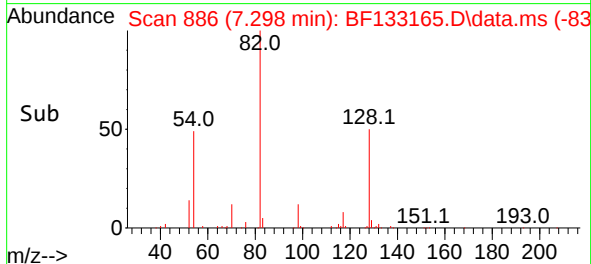
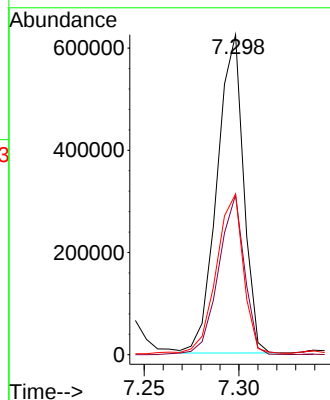
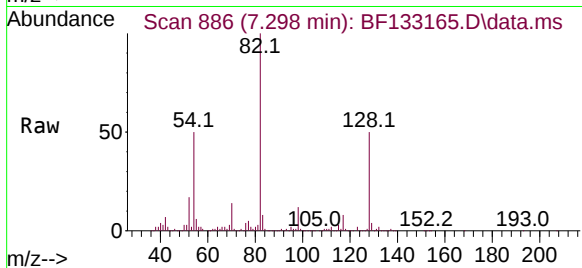
ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion: 82 Resp: 605959
 Ion Ratio Lower Upper
 82 100
 128 50.0 37.7 56.5
 54 50.2 43.0 64.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#24

Nitrobenzene

Concen: 44.876 ng

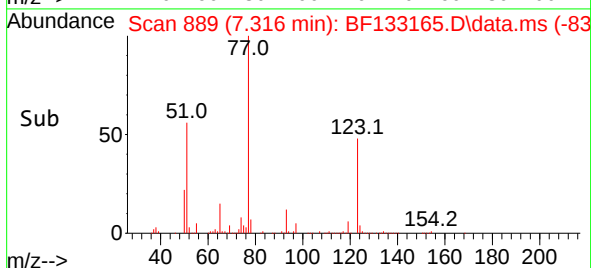
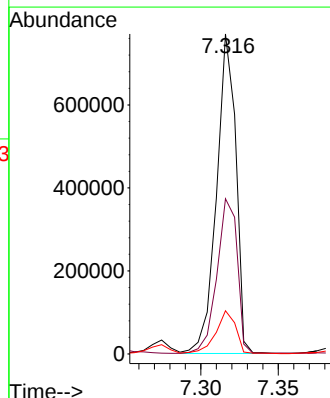
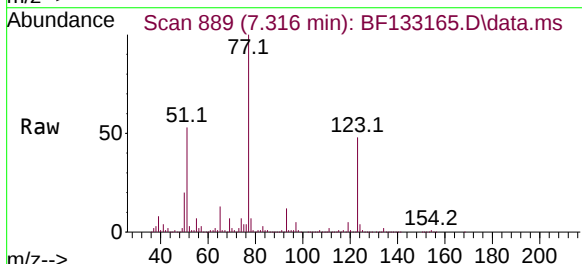
RT: 7.316 min Scan# 889

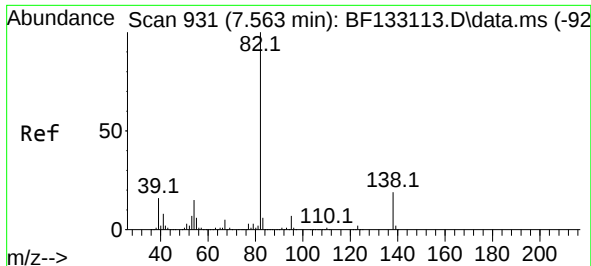
Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

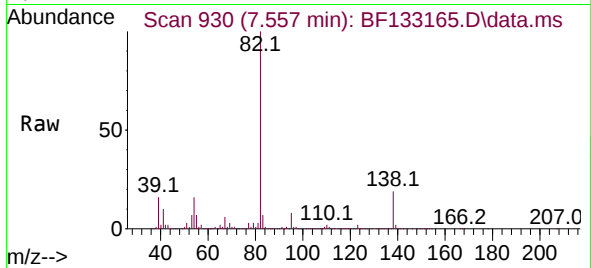
Tgt Ion: 77 Resp: 666308
 Ion Ratio Lower Upper
 77 100
 123 48.5 39.9 59.9
 65 13.5 10.7 16.1





#25
Isophorone
Concen: 46.872 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

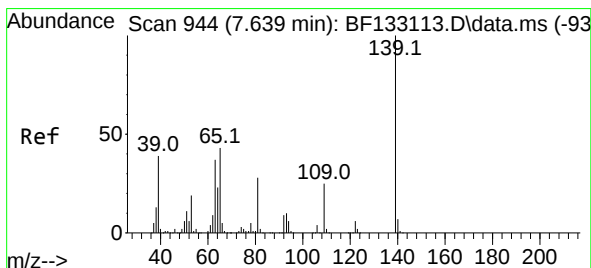
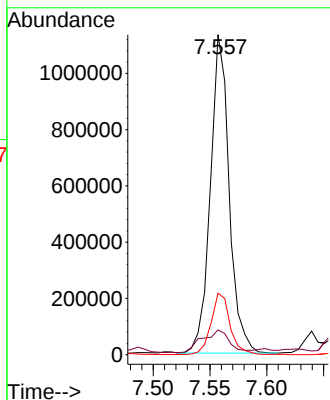
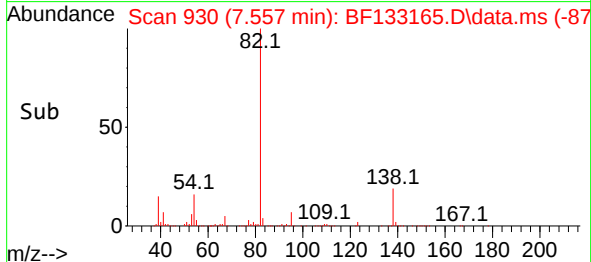
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 82 Resp: 130397
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.0
138 19.2 16.0 24.0

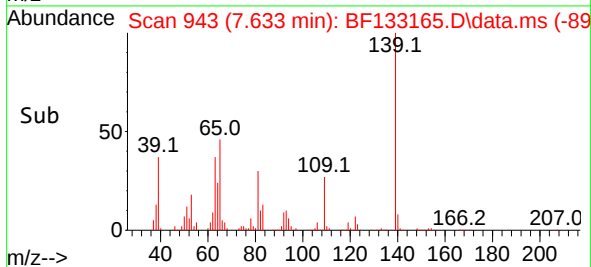
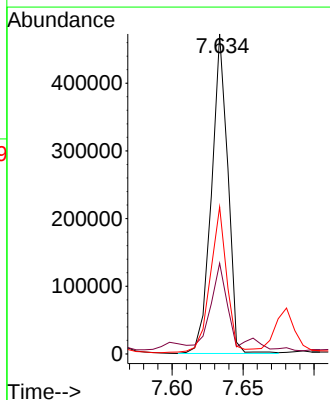
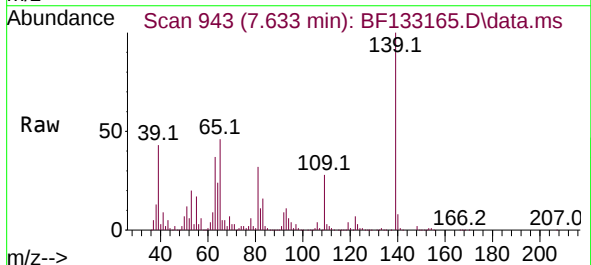
Manual Integrations
APPROVED

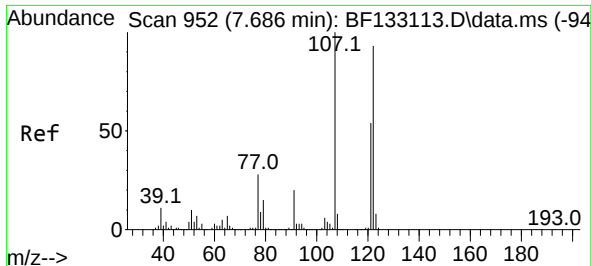
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
2-Nitrophenol
Concen: 52.743 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:139 Resp: 377716
Ion Ratio Lower Upper
139 100
109 28.3 21.6 32.4
65 46.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.401 ng

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133165.D

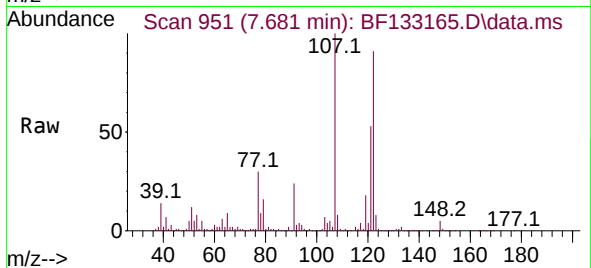
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



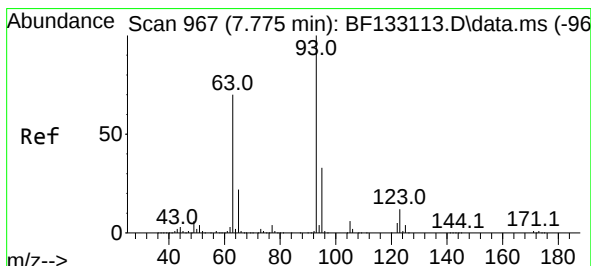
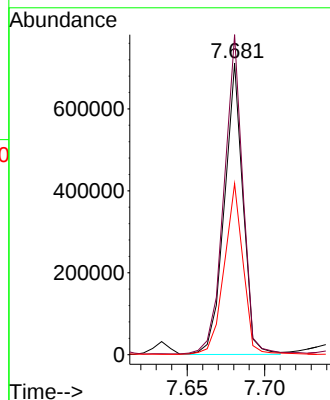
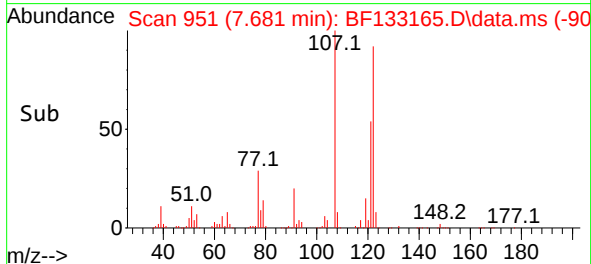
Tgt Ion:122 Resp: 59436

Ion	Ratio	Lower	Upper
122	100		
107	109.7	89.7	134.5
121	58.6	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.022 ng

RT: 7.775 min Scan# 967

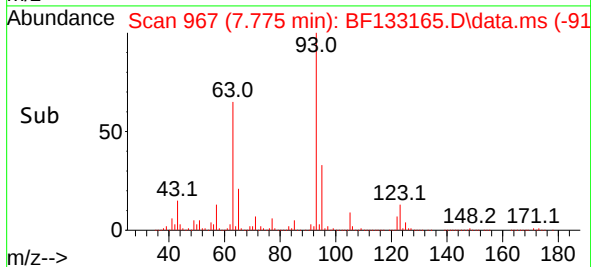
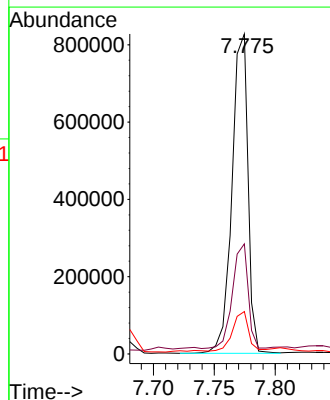
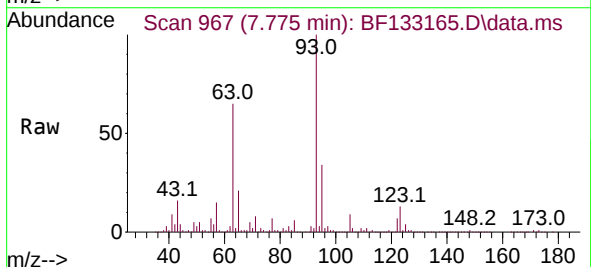
Delta R.T. 0.000 min

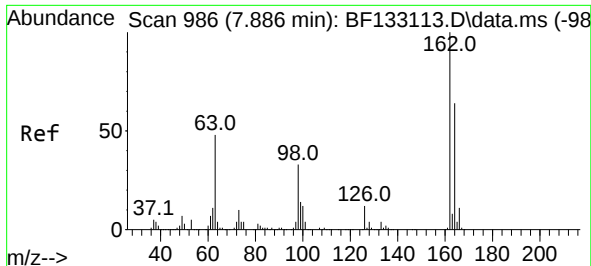
Lab File: BF133165.D

Acq: 01 May 2023 20:11

Tgt Ion: 93 Resp: 757431

Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.4	39.6
123	13.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 48.904 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

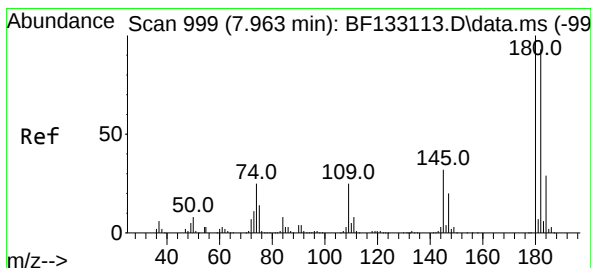
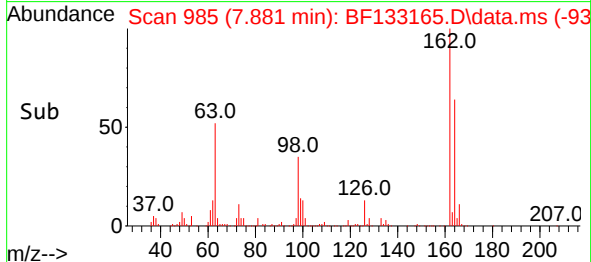
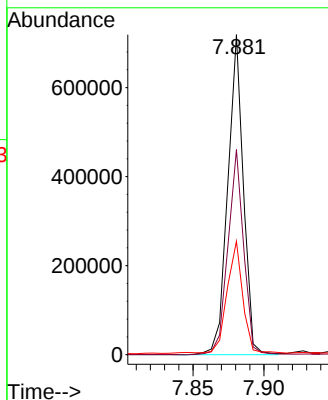
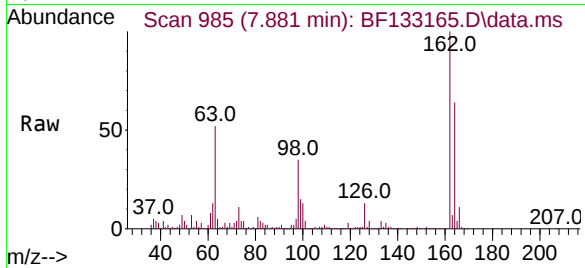
ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:162 Resp: 54670
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.9 83.9
 98 35.4 17.0 57.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.239 ng

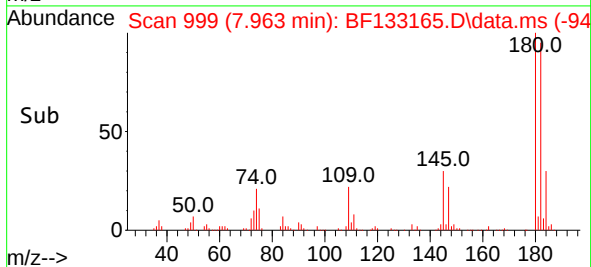
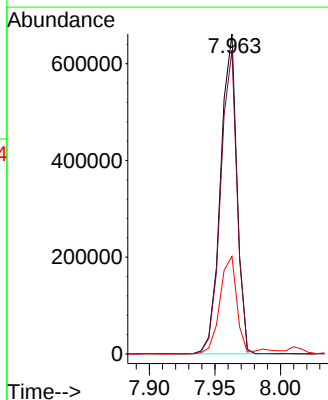
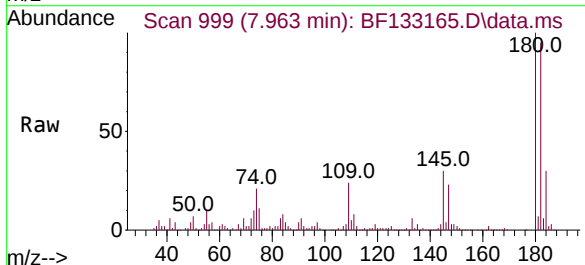
RT: 7.963 min Scan# 999

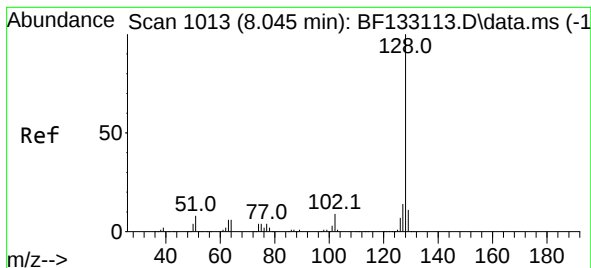
Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

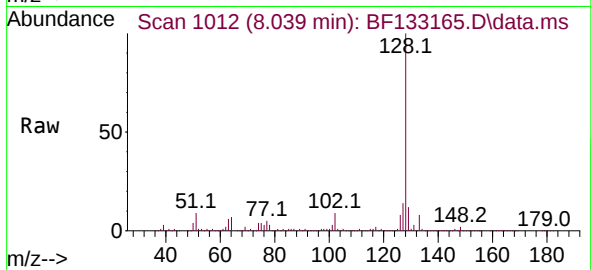
Tgt Ion:180 Resp: 570259
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.5 25.3 37.9





#31
Naphthalene
Concen: 51.166 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

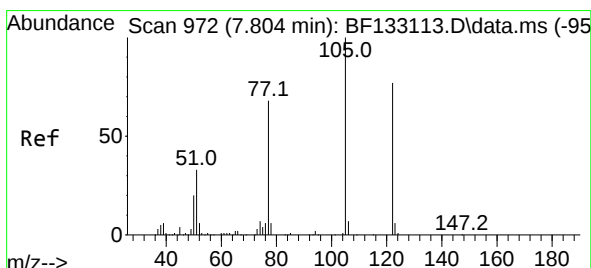
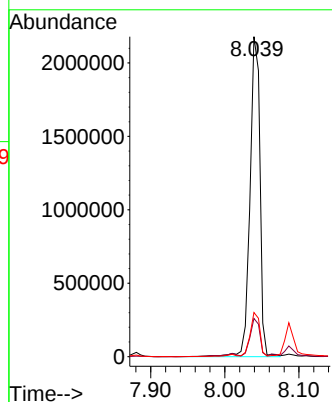
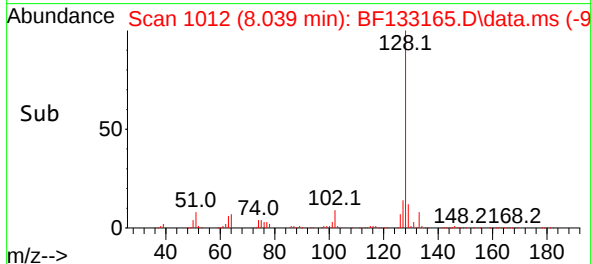
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:128 Resp: 202322
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.8 10.7 16.1

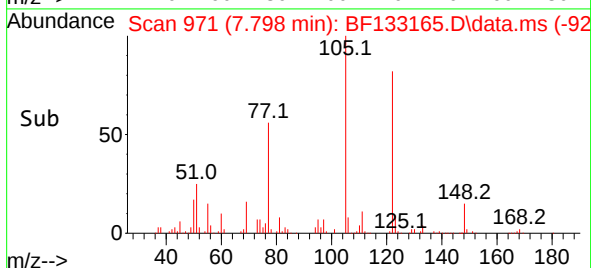
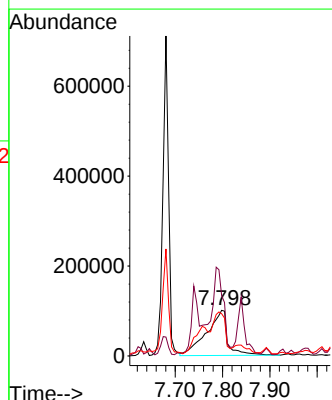
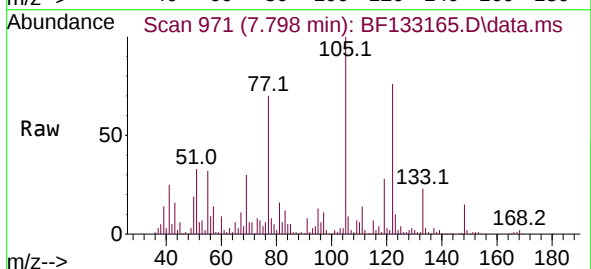
Manual Integrations
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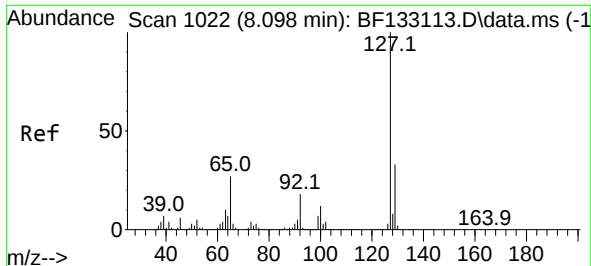
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#32
Benzoic acid
Concen: 41.030 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

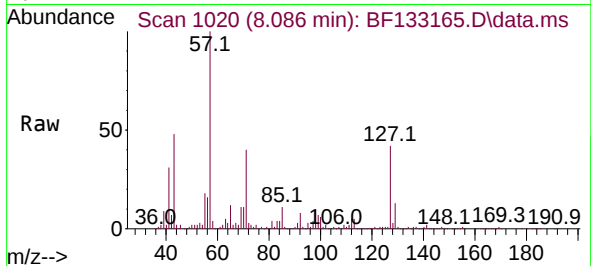
Tgt Ion:122 Resp: 311222
Ion Ratio Lower Upper
122 100
105 132.0 104.2 144.2
77 92.6 69.7 109.7





#33
4-Chloroaniline
Concen: 13.186 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

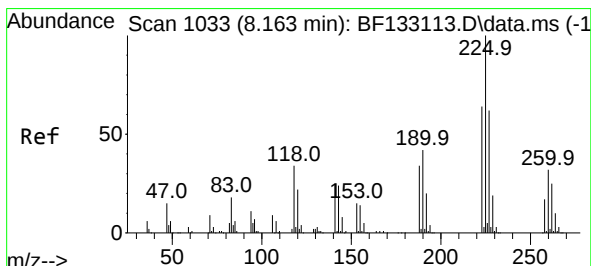
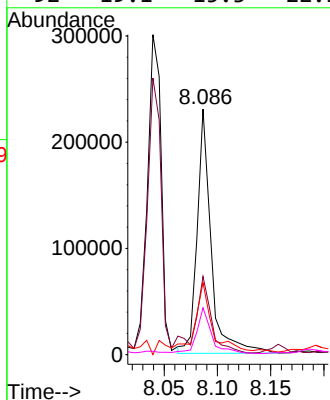
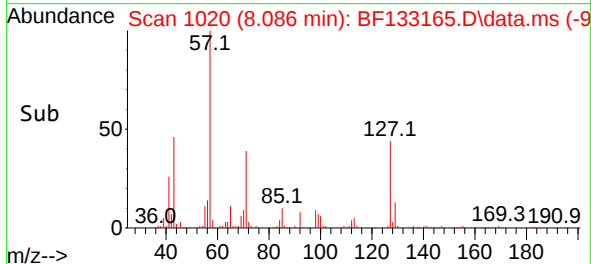
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:127 Resp: 21066
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 29.3 23.6 35.4
92 19.1 15.3 22.9

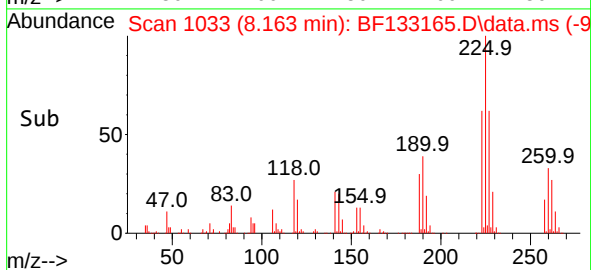
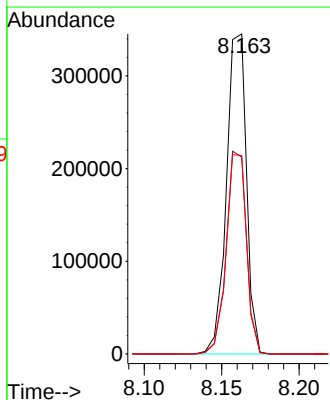
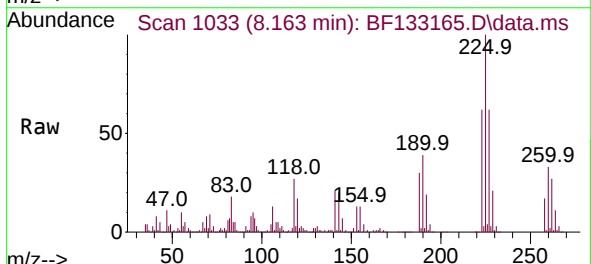
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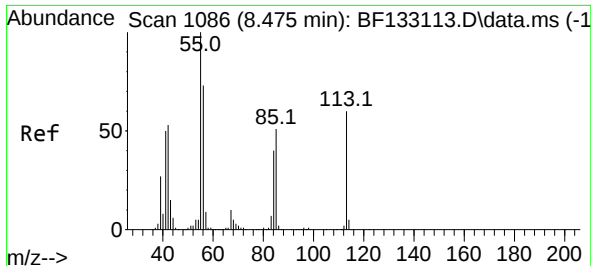
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#34
Hexachlorobutadiene
Concen: 48.377 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

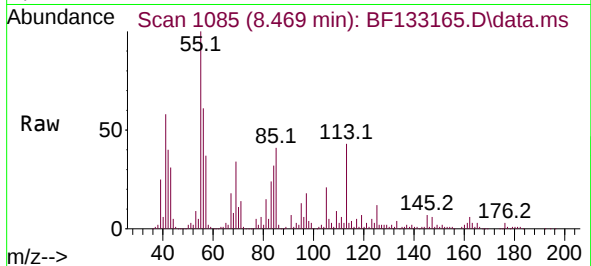
Tgt Ion:225 Resp: 310526
Ion Ratio Lower Upper
225 100
223 61.6 50.9 76.3
227 62.1 50.3 75.5





#35
Caprolactam
Concen: 66.925 ng m
RT: 8.469 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

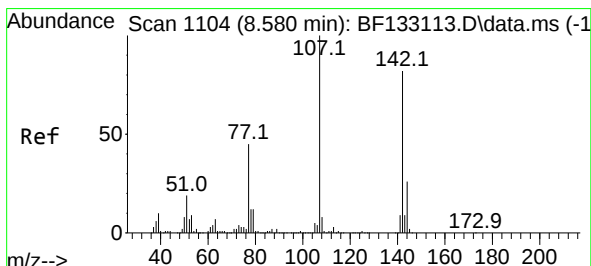
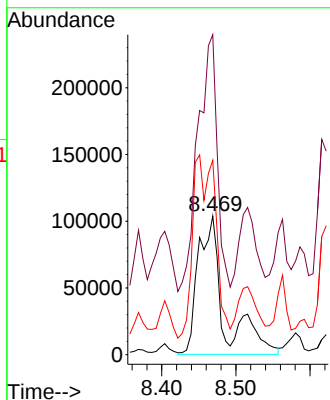
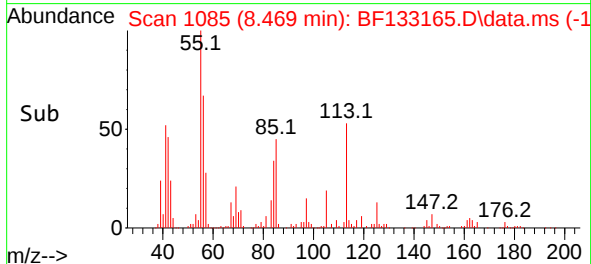
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:113 Resp: 251334
Ion Ratio Lower Upper
113 100
55 230.7 167.1 207.1
56 140.2 114.5 154.5

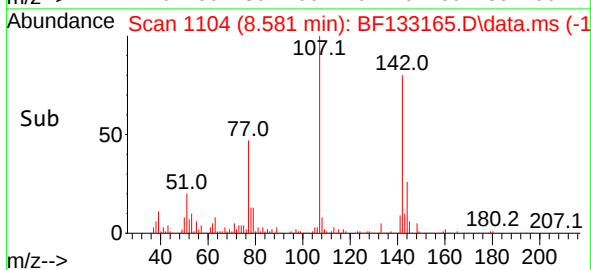
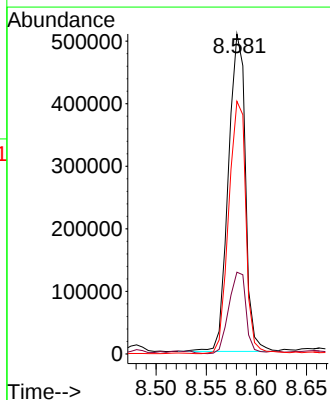
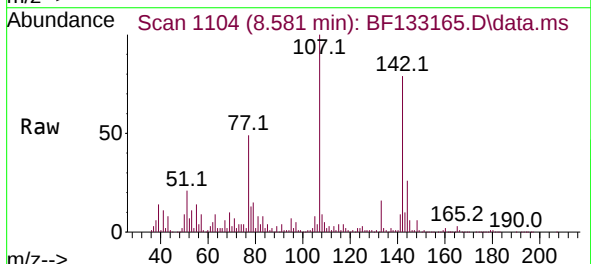
Manual Integrations
APPROVED

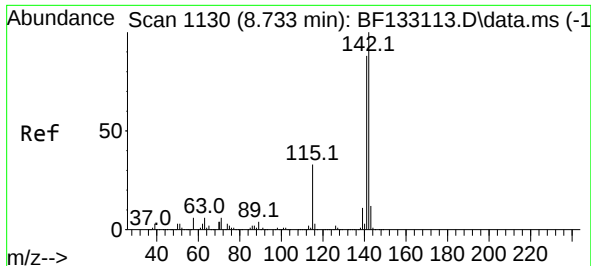
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#36
4-Chloro-3-methylphenol
Concen: 49.931 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:107 Resp: 601928
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 79.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 56.177 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:142 Resp: 151869

Ion Ratio Lower Upper

142 100

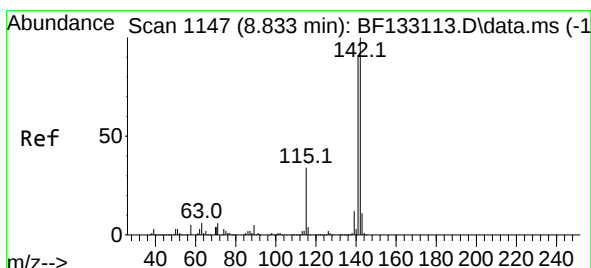
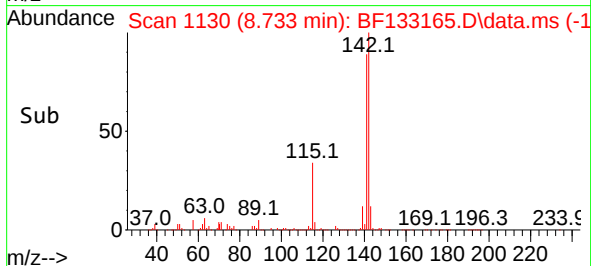
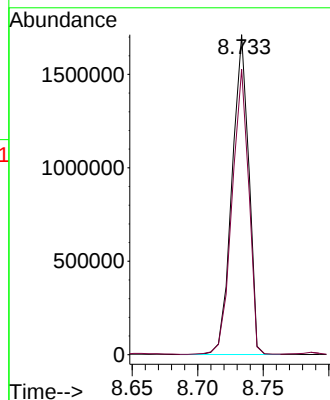
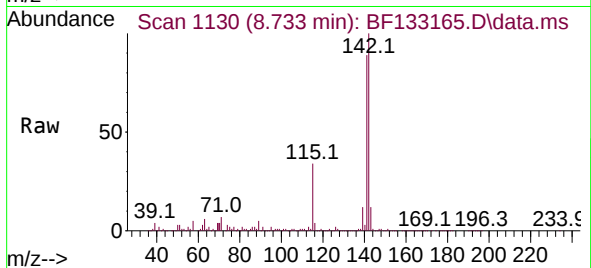
141 89.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#38

1-Methylnaphthalene

Concen: 51.756 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF133165.D

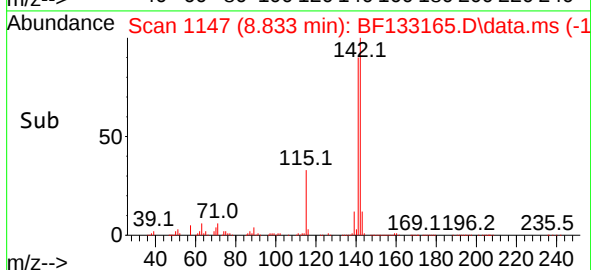
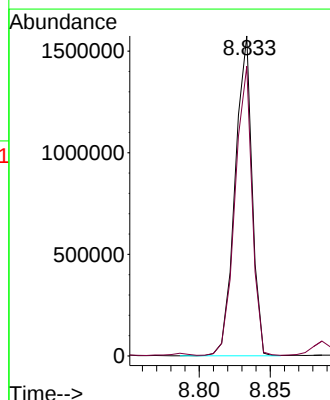
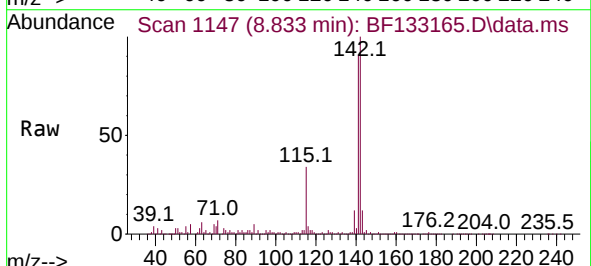
Acq: 01 May 2023 20:11

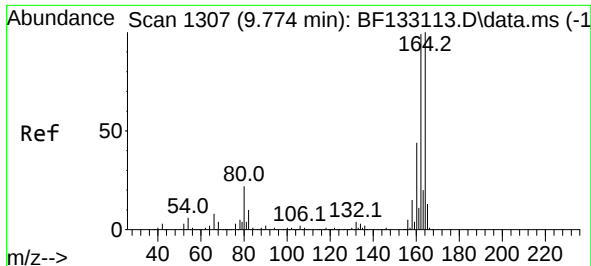
Tgt Ion:142 Resp: 1308901

Ion Ratio Lower Upper

142 100

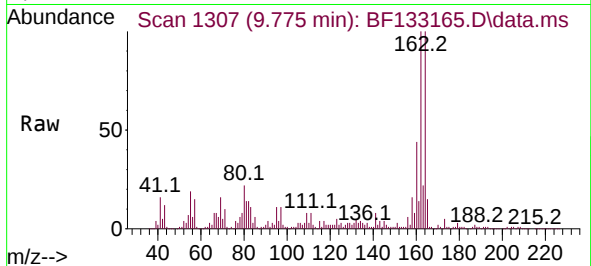
141 90.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11307
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

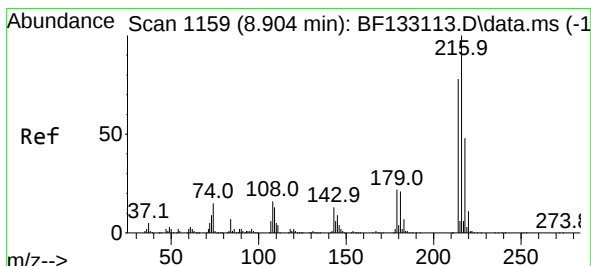
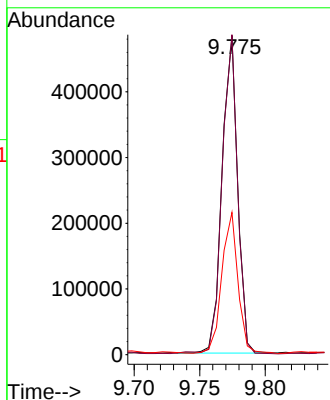
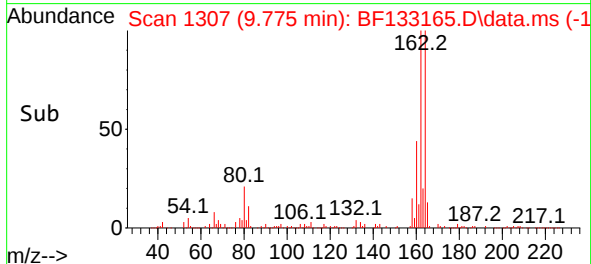
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



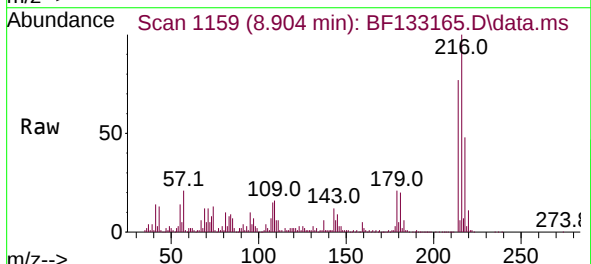
Tgt Ion:164 Resp: 397770
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.6 35.8 53.6

Manual Integrations
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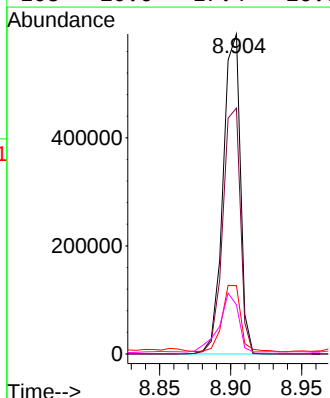
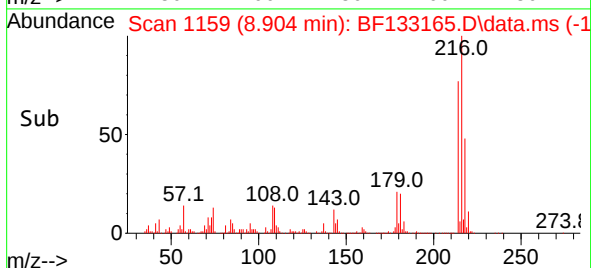
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

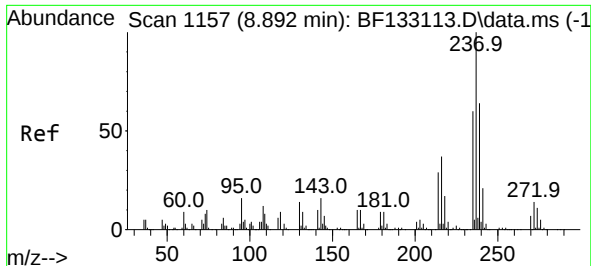


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.824 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



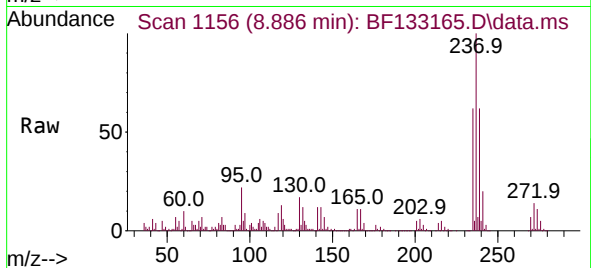
Tgt Ion:216 Resp: 500775
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 23.3 17.4 26.2
108 20.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.485 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

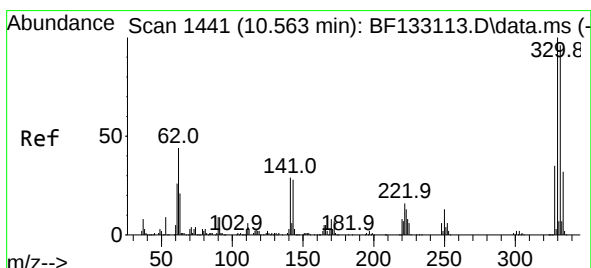
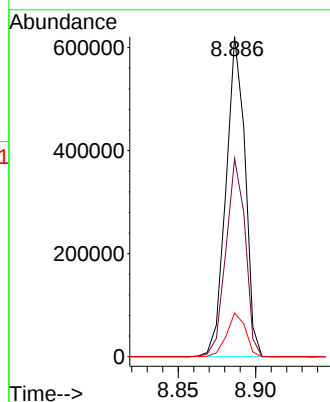
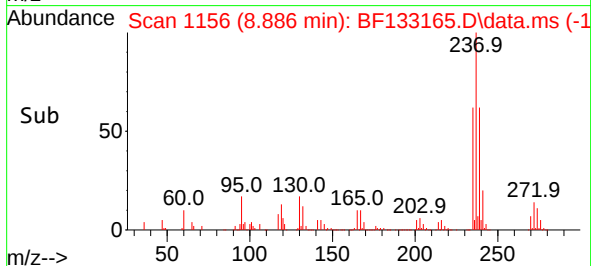
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



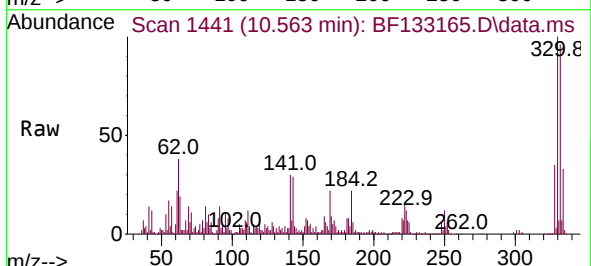
Tgt Ion:237 Resp: 533199
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.6 0.0 32.7

Manual Integrations
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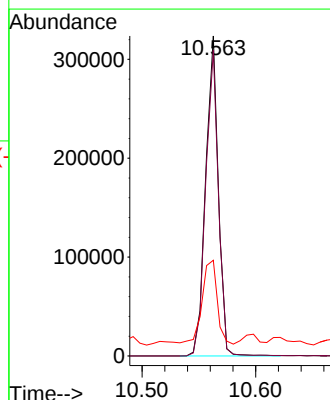
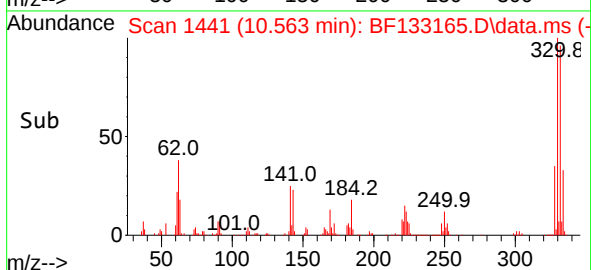
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

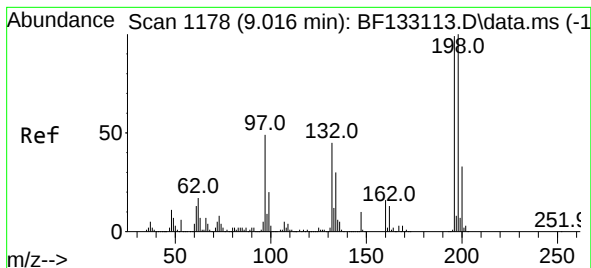


#42
2,4,6-Tribromophenol
Concen: 62.834 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



Tgt Ion:330 Resp: 251358
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 30.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.976 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF133165.D

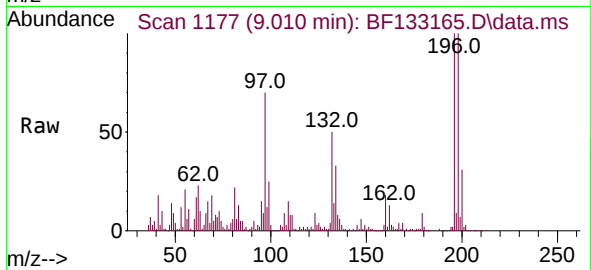
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion:196 Resp: 35484

Ion Ratio Lower Upper

196 100

198 100.2 81.0 121.6

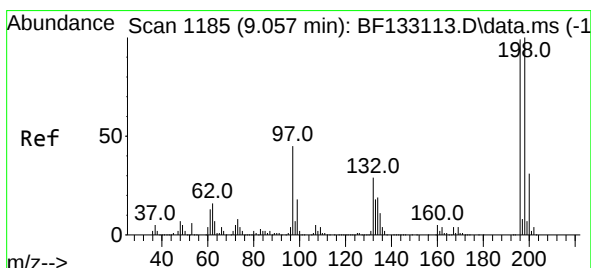
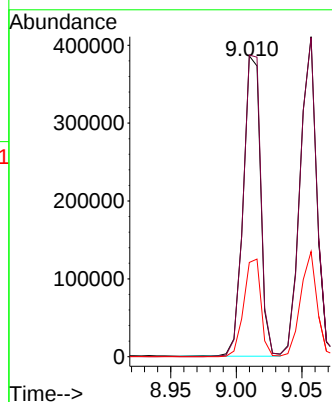
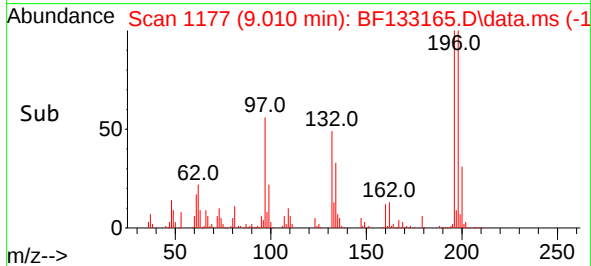
200 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#44

2,4,5-Trichlorophenol

Concen: 42.479 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Tgt Ion:196 Resp: 363367

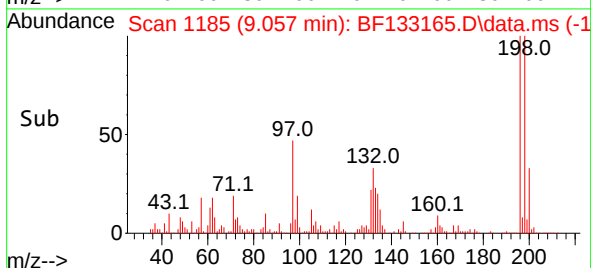
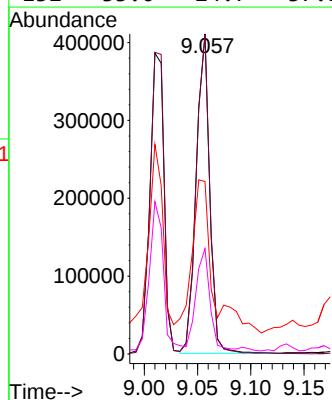
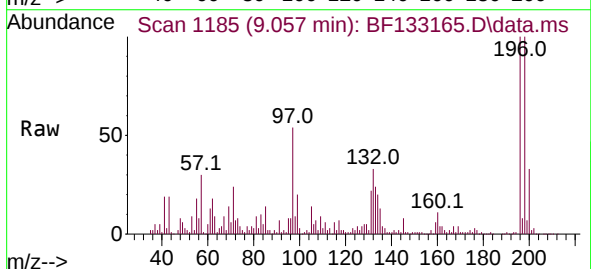
Ion Ratio Lower Upper

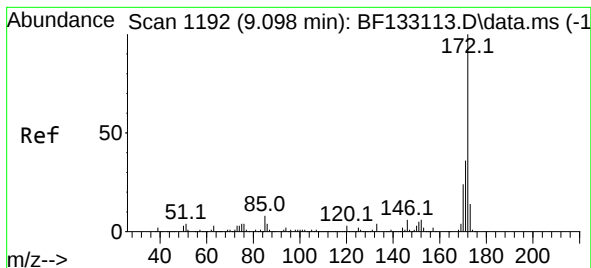
196 100

198 99.8 80.9 121.3

97 53.9 41.3 61.9

132 33.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 46.089 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:172 Resp: 109581

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

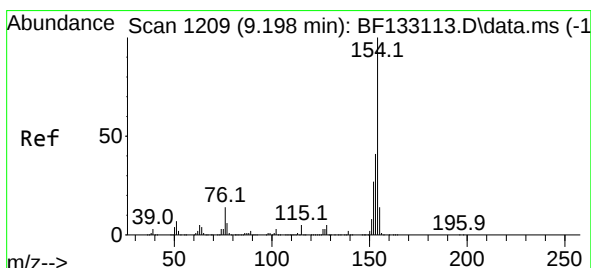
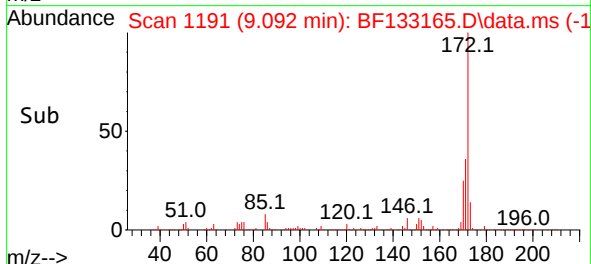
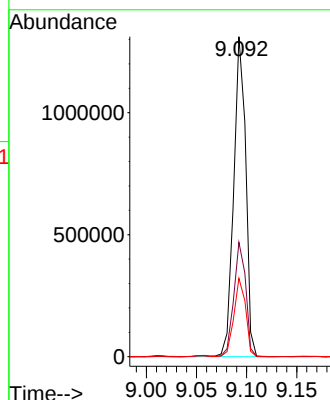
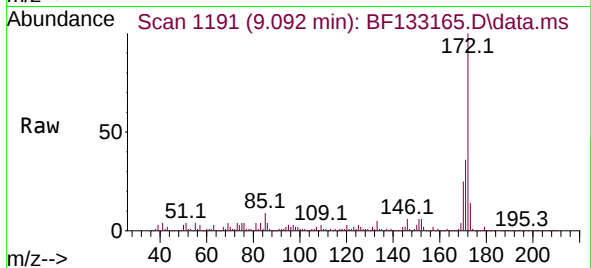
170 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#46

1,1'-Biphenyl

Concen: 45.708 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

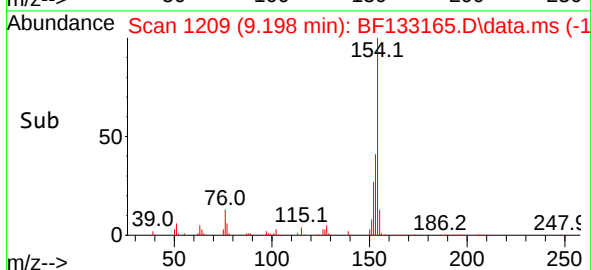
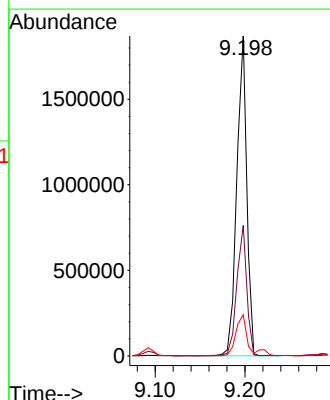
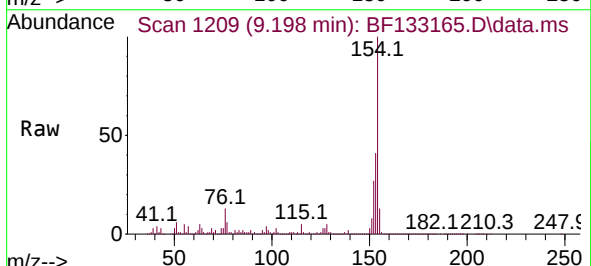
Tgt Ion:154 Resp: 1441680

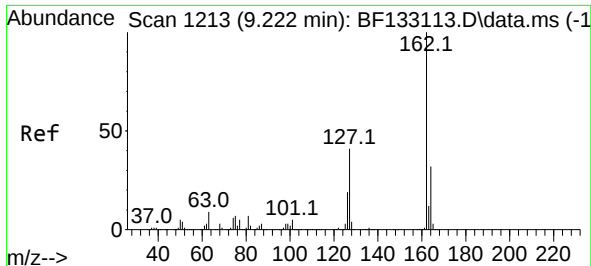
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 12.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 46.966 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133165.D

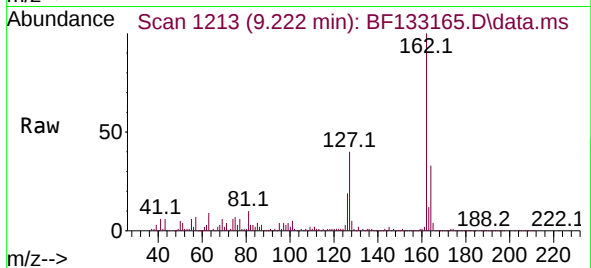
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion:162 Resp: 1084279

Ion Ratio Lower Upper

162 100

127 39.8 32.3 48.5

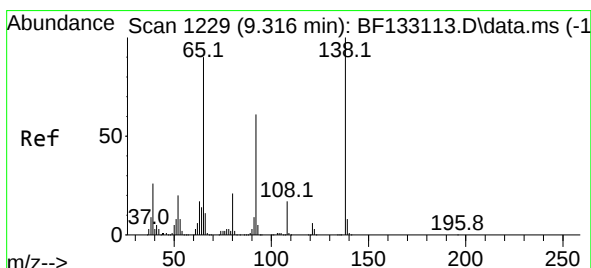
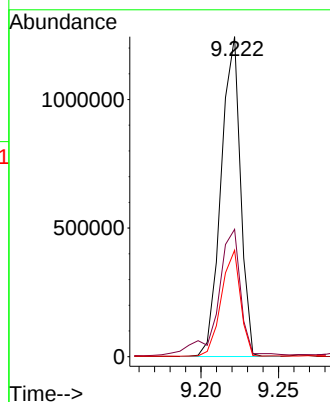
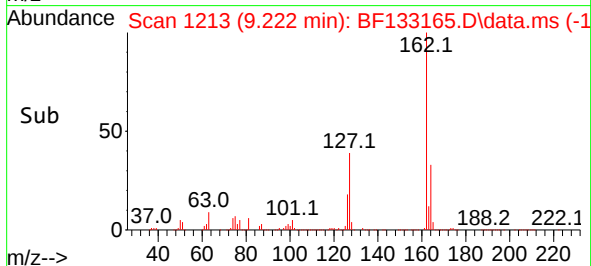
164 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#48

2-Nitroaniline

Concen: 46.601 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

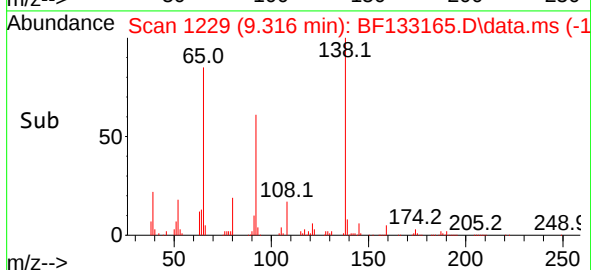
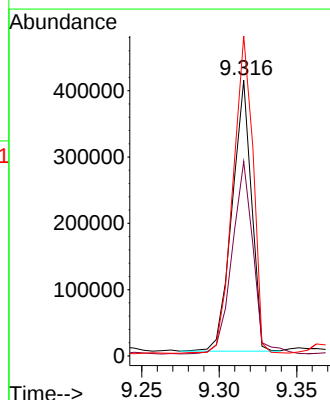
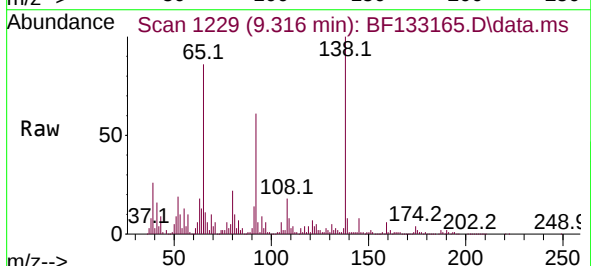
Tgt Ion: 65 Resp: 355558

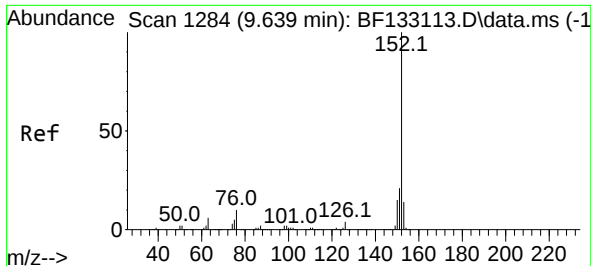
Ion Ratio Lower Upper

65 100

92 70.6 55.4 83.0

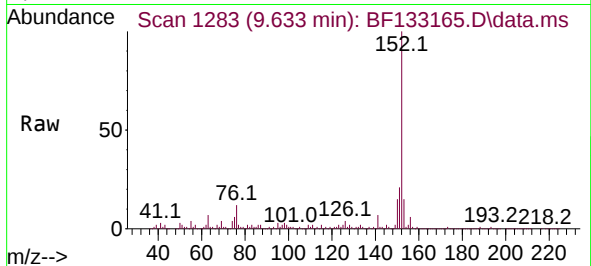
138 116.1 98.2 147.2





#49
Acenaphthylene
Concen: 44.891 ng
RT: 9.633 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

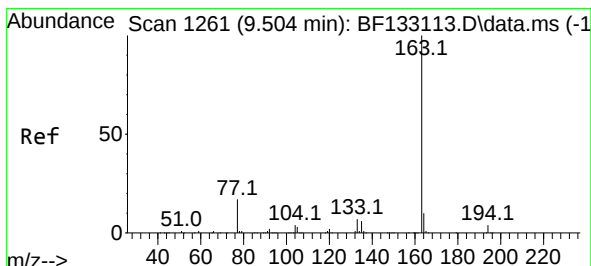
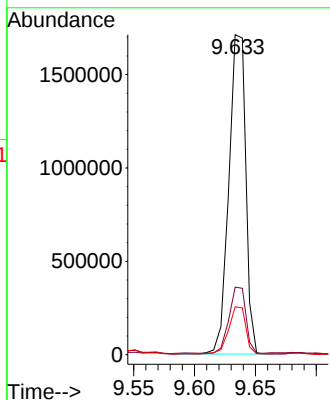
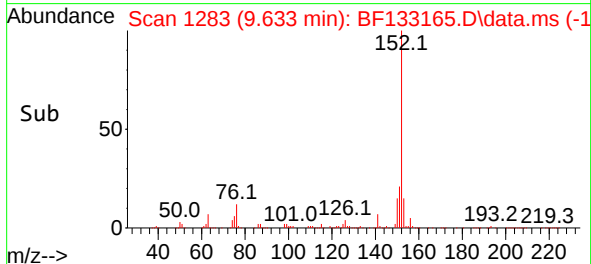
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:152 Resp: 165594
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 15.0 11.5 17.3

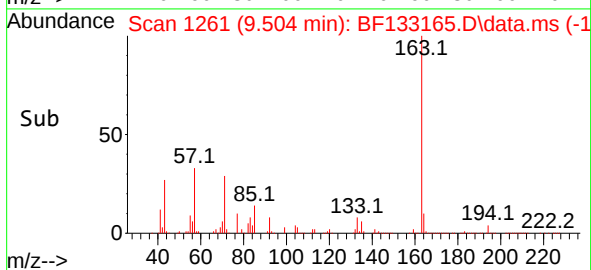
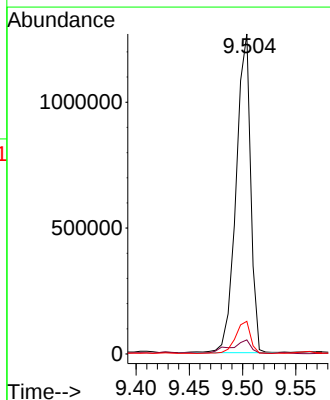
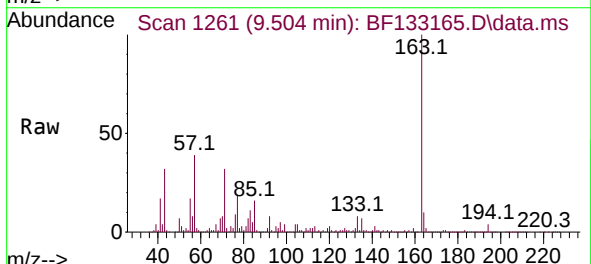
Manual Integrations
APPROVED

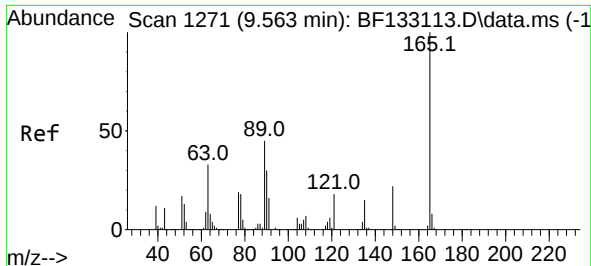
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#50
Dimethylphthalate
Concen: 43.562 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:163 Resp: 1208230
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 48.406 ng

RT: 9.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133165.D

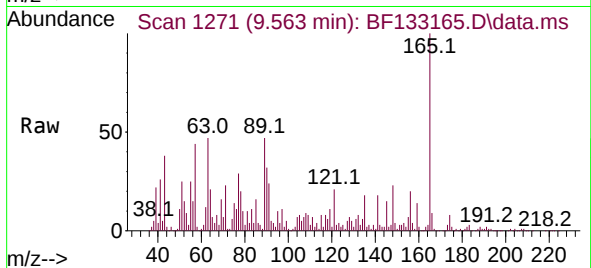
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

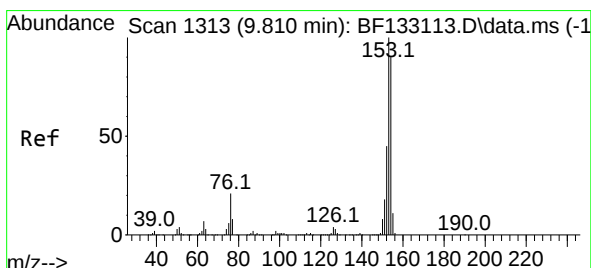
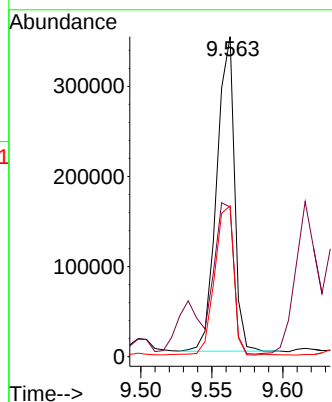
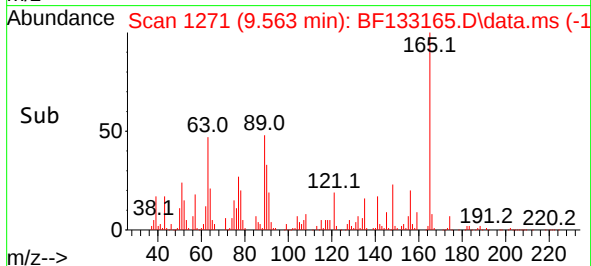


Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	45.9	68.9
89	47.1	44.0	66.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#52

Acenaphthene

Concen: 45.590 ng m

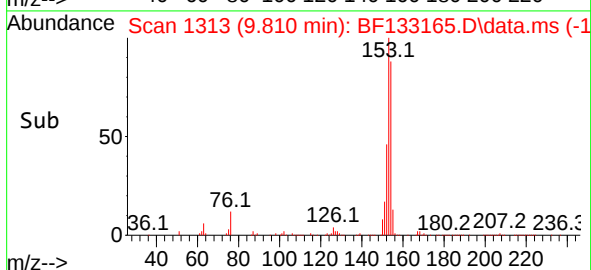
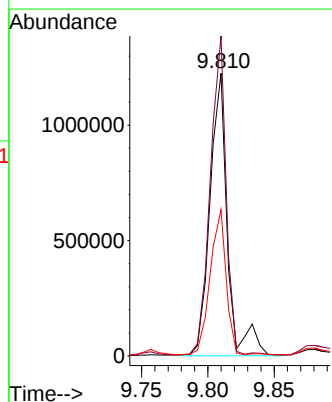
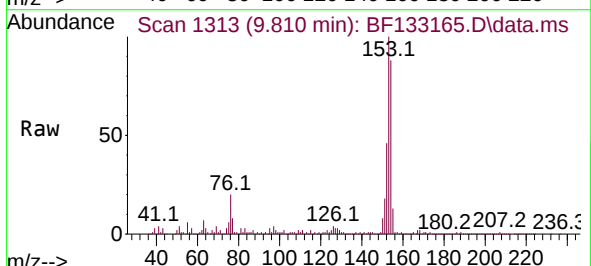
RT: 9.810 min Scan# 1313

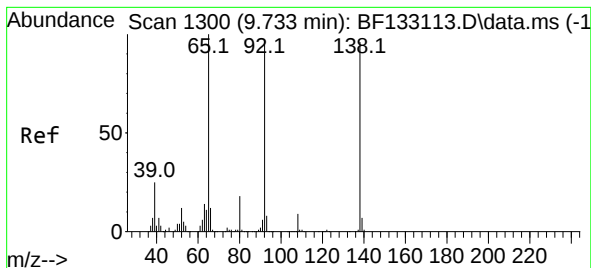
Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

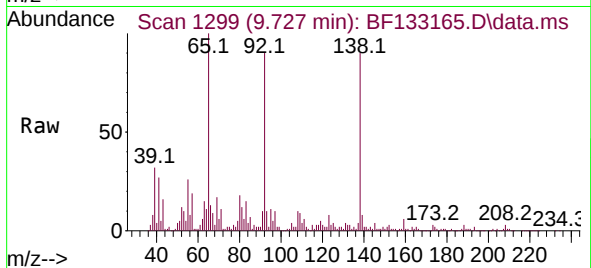
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.0	133.6
152	51.7	40.4	60.6





#53
3-Nitroaniline
Concen: 38.186 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

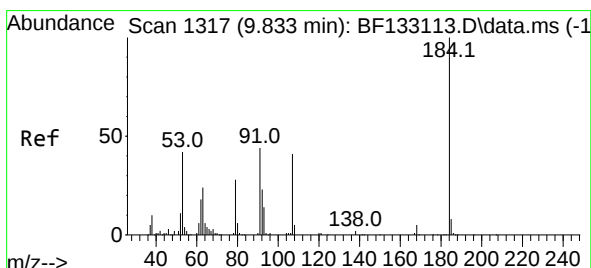
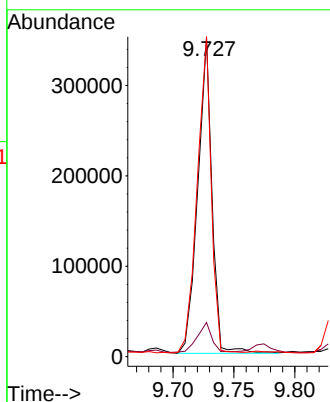
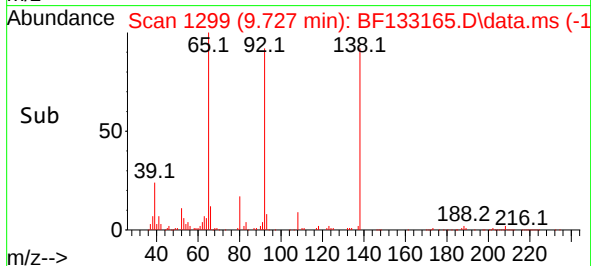
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:138 Resp: 283440
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 100.2 83.6 125.4

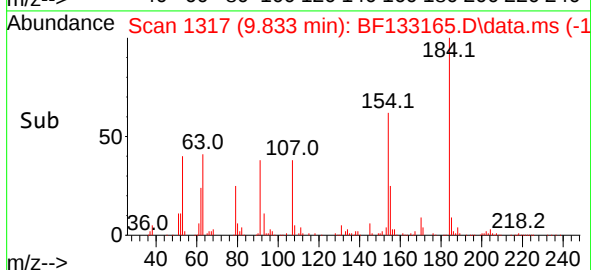
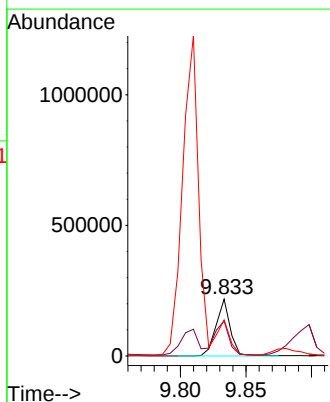
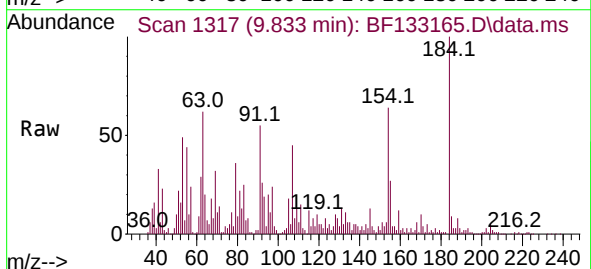
Manual Integrations
APPROVED

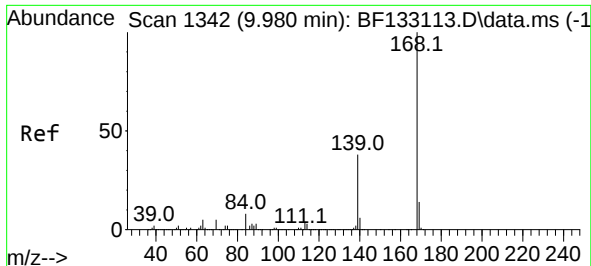
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#54
2,4-Dinitrophenol
Concen: 51.772 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

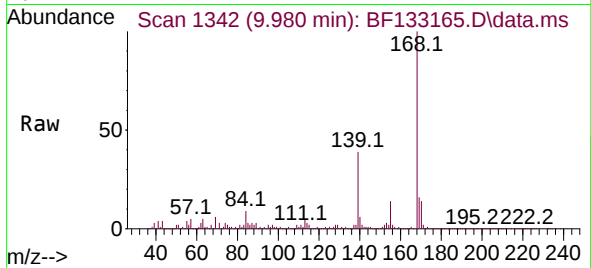
Tgt Ion:184 Resp: 162452
Ion Ratio Lower Upper
184 100
63 61.5 49.8 74.8
154 63.5 49.5 74.3





#55
Dibenzenofuran
Concen: 42.372 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

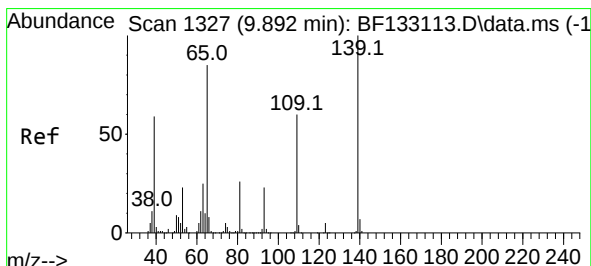
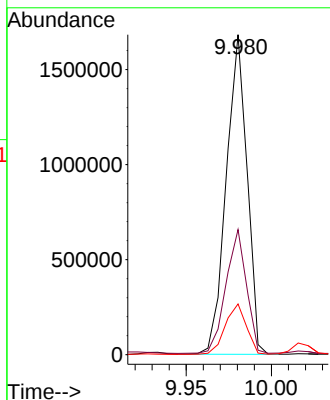
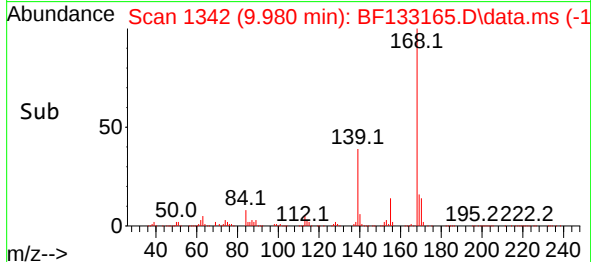
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:168 Resp: 1427994
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 15.9 10.8 16.2

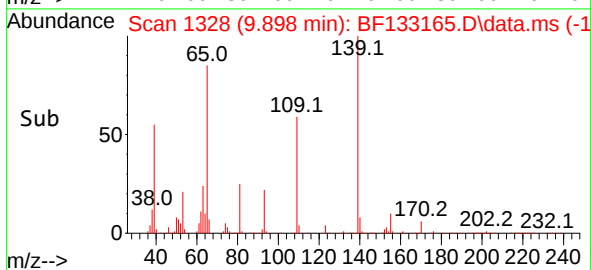
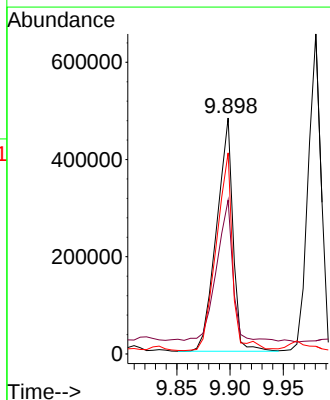
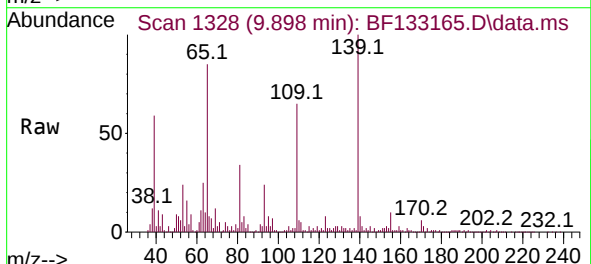
Manual Integrations
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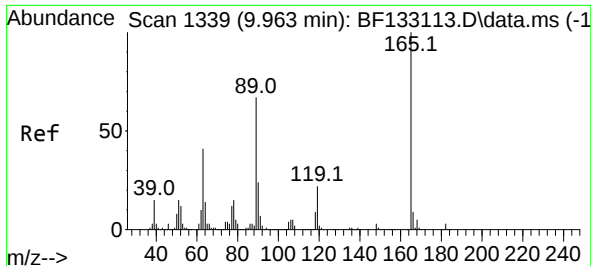
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#56
4-Nitrophenol
Concen: 89.578 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:139 Resp: 514976
Ion Ratio Lower Upper
139 100
109 65.2 39.4 79.4
65 85.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 50.444 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:165 Resp: 401580

Ion Ratio Lower Upper

165 100

63 43.4 37.7 56.5

89 66.8 57.0 85.4

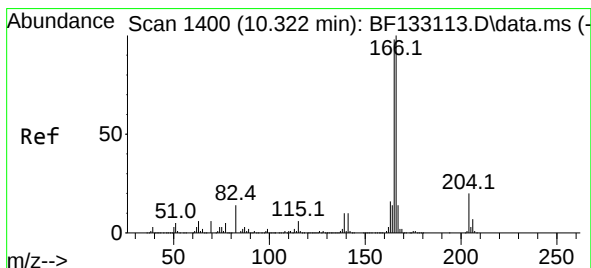
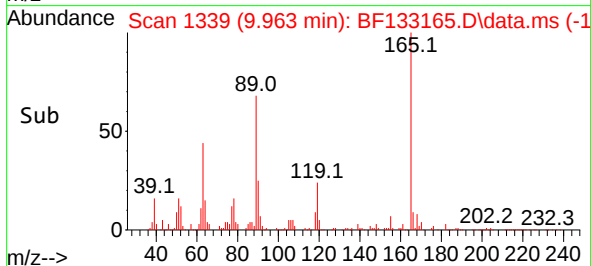
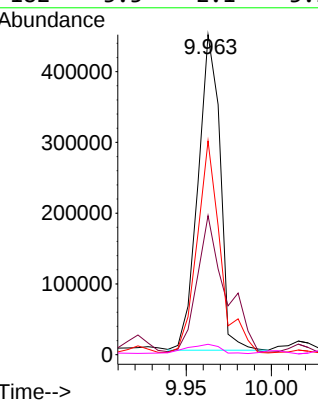
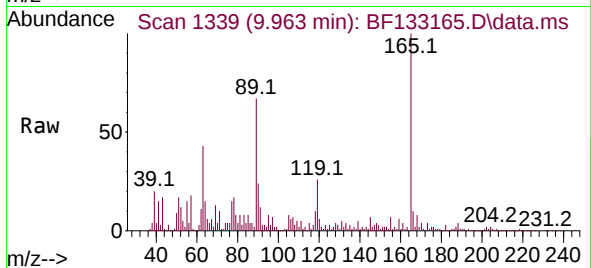
182 3.3 2.1 3.1#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#58

Fluorene

Concen: 44.542 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

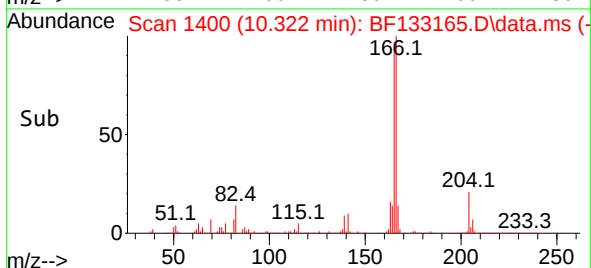
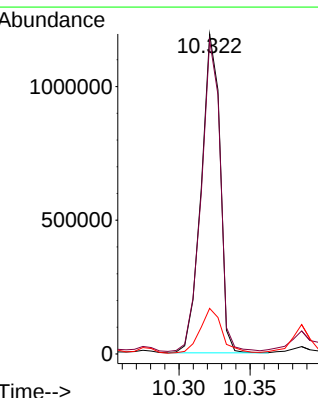
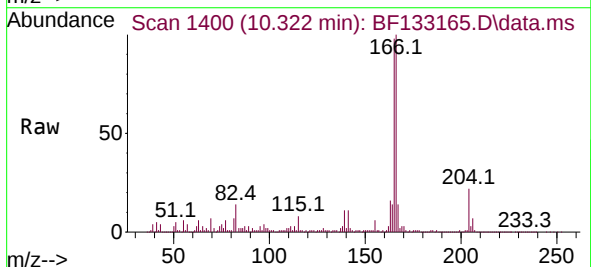
Tgt Ion:166 Resp: 1099790

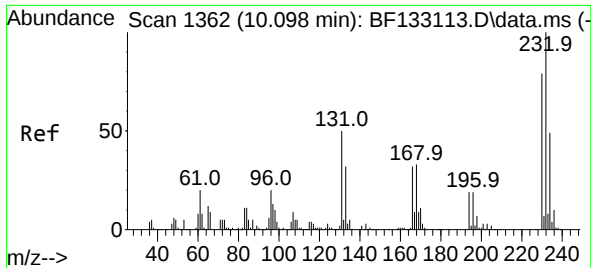
Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

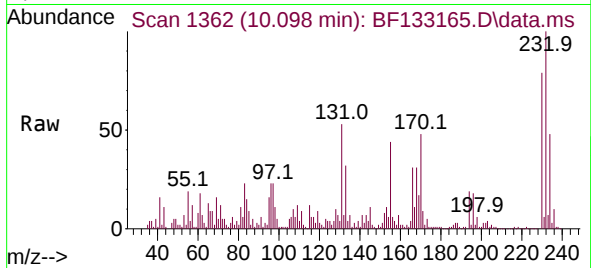
167 14.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.947 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

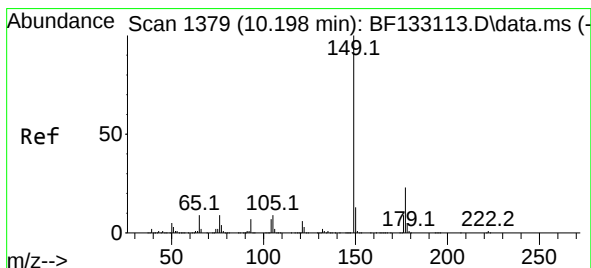
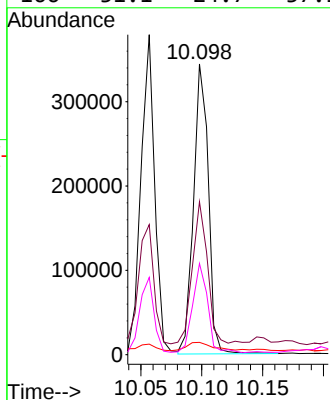
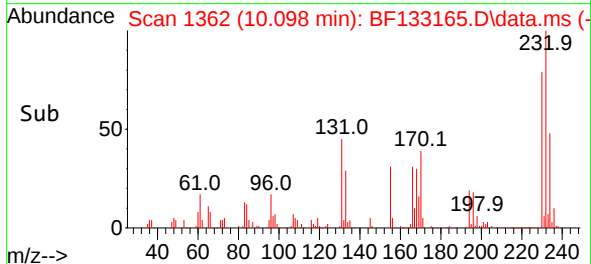
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:232 Resp: 291435
Ion Ratio Lower Upper
232 100
131 50.2 38.0 57.0
130 4.9 1.8 2.8
166 31.1 24.7 37.1

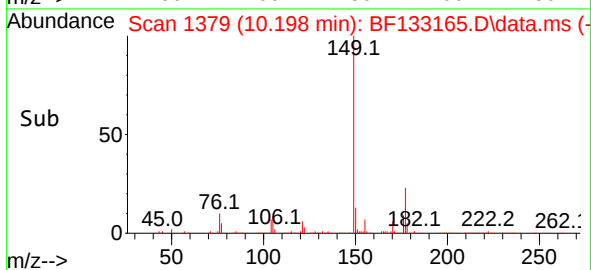
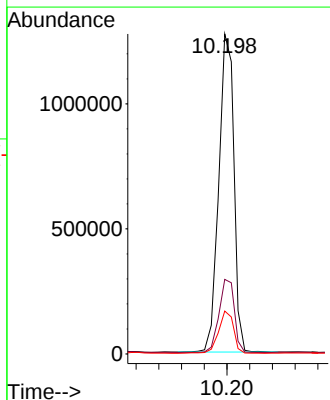
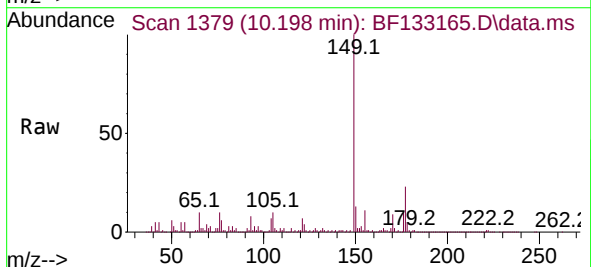
Manual Integrations
APPROVED

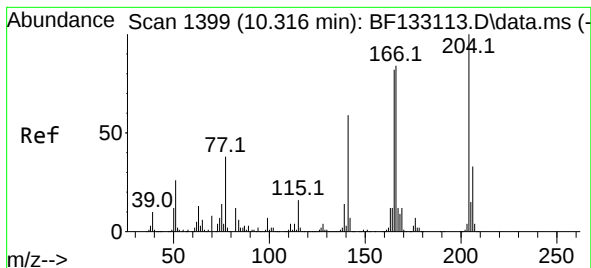
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#60
Diethylphthalate
Concen: 44.942 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

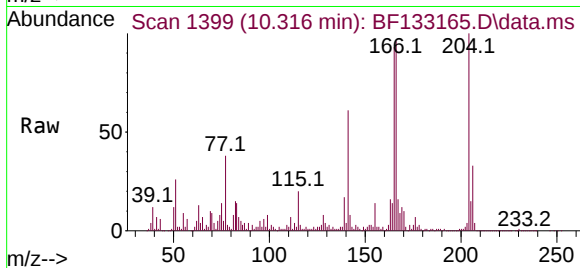
Tgt Ion:149 Resp: 1177397
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 13.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.143 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

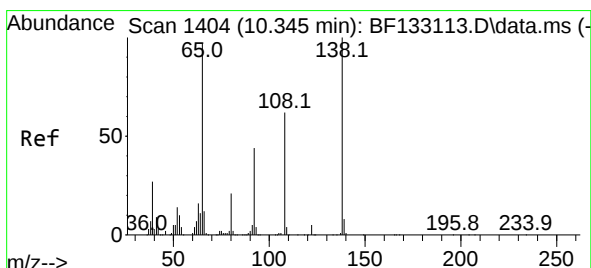
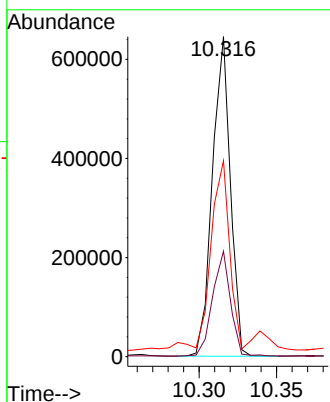
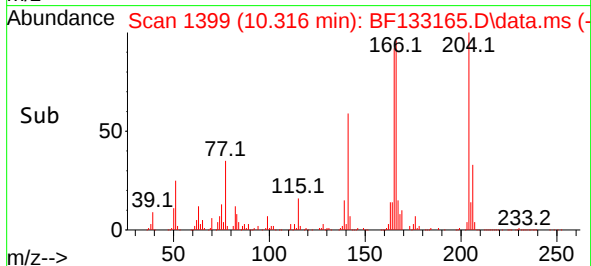
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



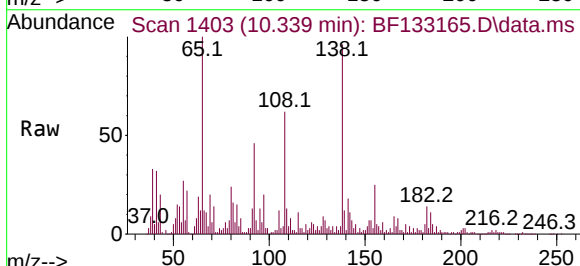
Tgt Ion:204 Resp: 519114
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 61.3 46.1 69.1

Manual Integrations
APPROVED

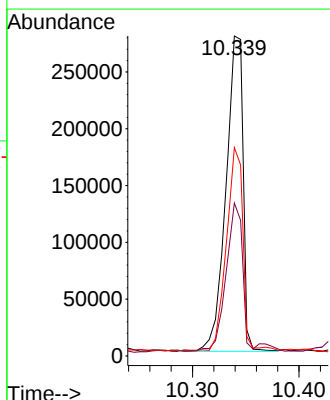
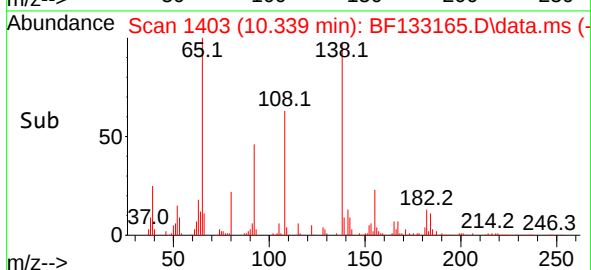
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

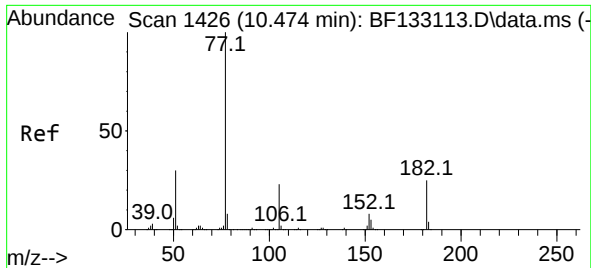


#62
4-Nitroaniline
Concen: 45.543 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



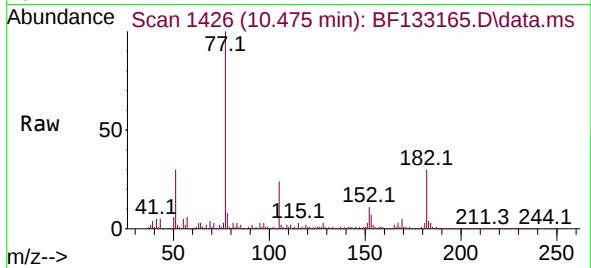
Tgt Ion:138 Resp: 310700
Ion Ratio Lower Upper
138 100
92 47.8 27.7 67.7
108 65.1 45.2 85.2





#63
Azobenzene
Concen: 42.113 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

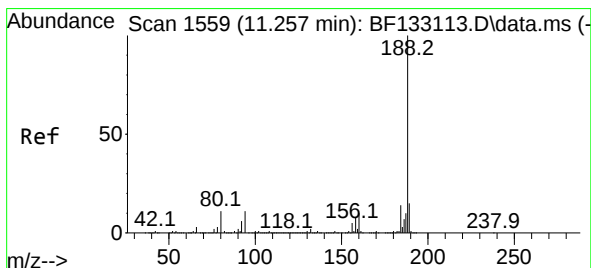
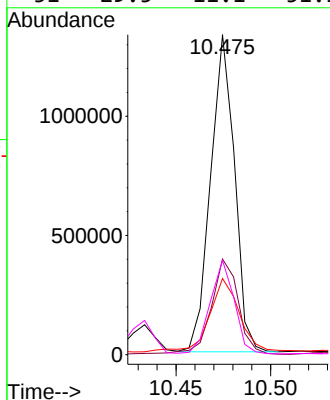
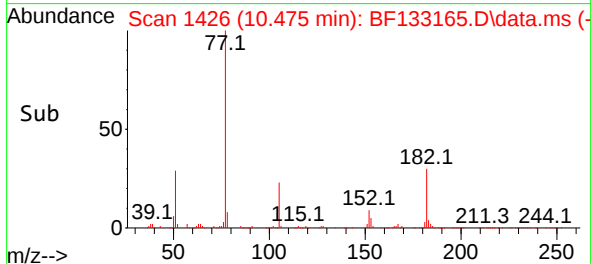
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion: 77 Resp: 116875
Ion Ratio Lower Upper
77 100
182 29.9 5.9 45.9
105 23.8 2.3 42.3
51 29.5 11.1 51.1

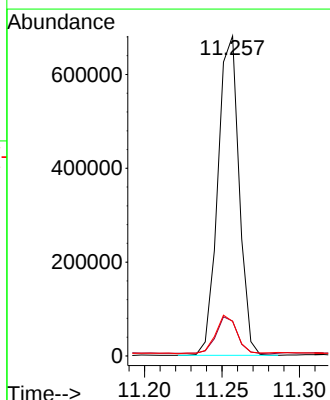
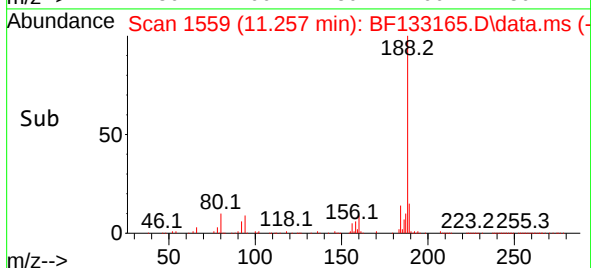
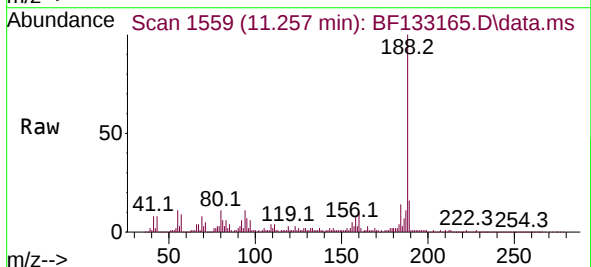
Manual Integrations
APPROVED

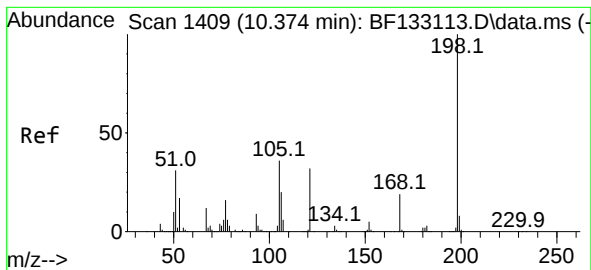
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

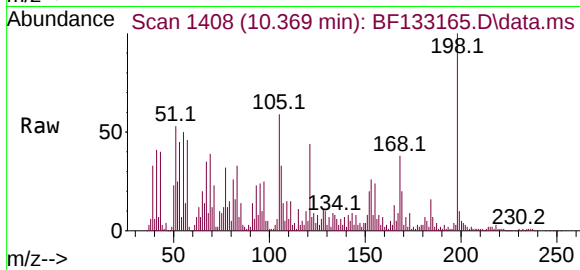
Tgt Ion:188 Resp: 649297
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 10.8 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 36.450 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

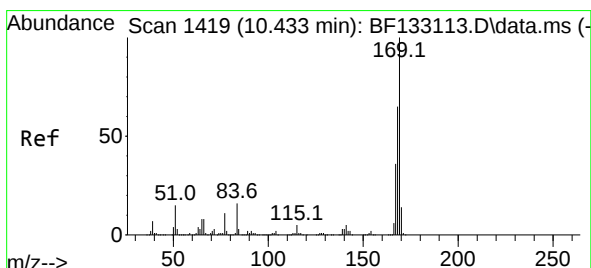
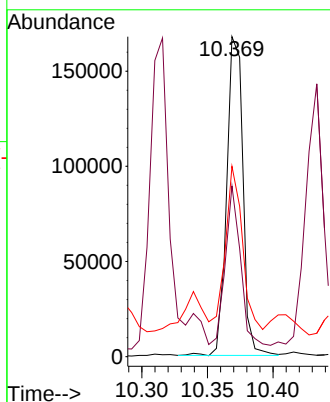
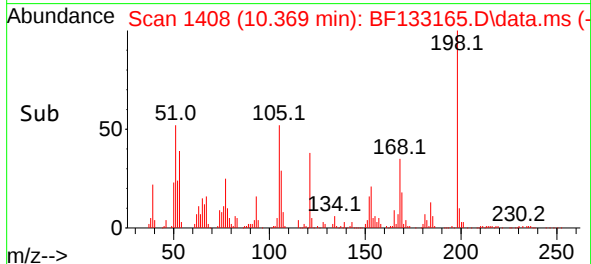
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:198 Resp: 14345
Ion Ratio Lower Upper
198 100
51 53.4 15.5 55.5
105 59.5 16.7 56.7

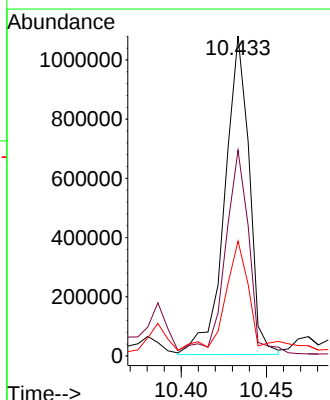
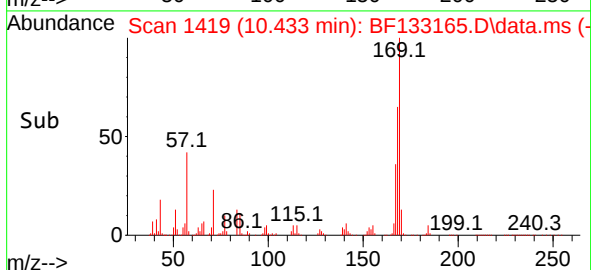
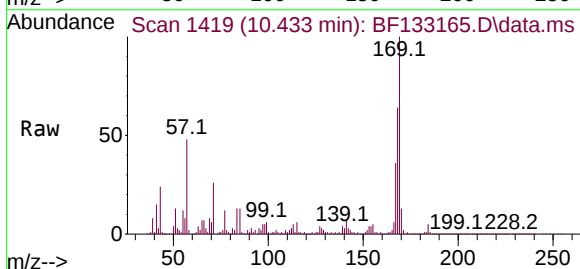
Manual Integrations
APPROVED

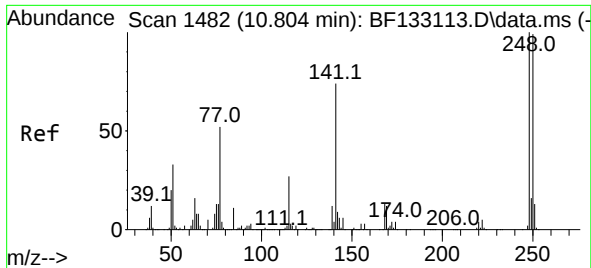
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#66
n-Nitrosodiphenylamine
Concen: 51.084 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

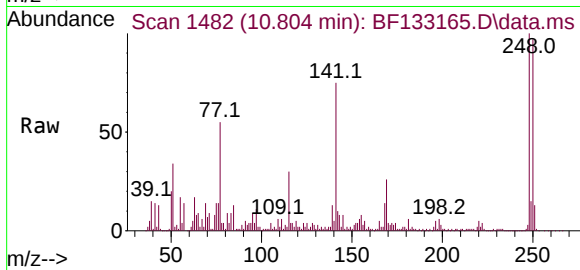
Tgt Ion:169 Resp: 1075911
Ion Ratio Lower Upper
169 100
168 64.3 53.8 80.8
167 35.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 47.437 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

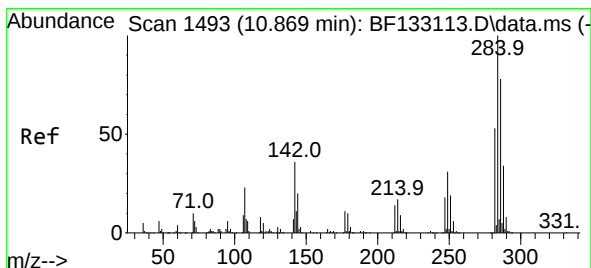
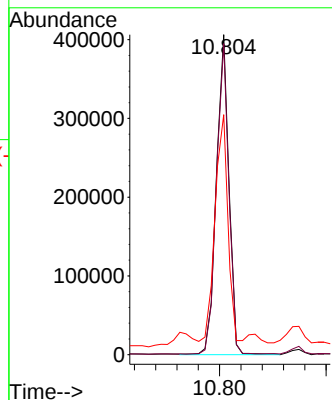
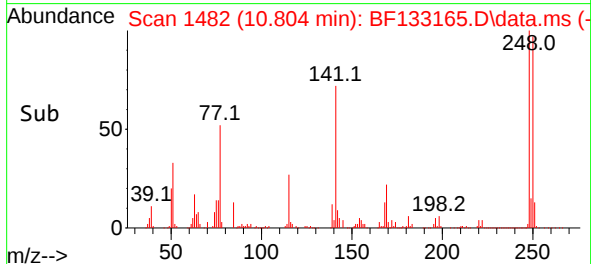
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:248 Resp: 334048
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 75.0 56.3 84.5

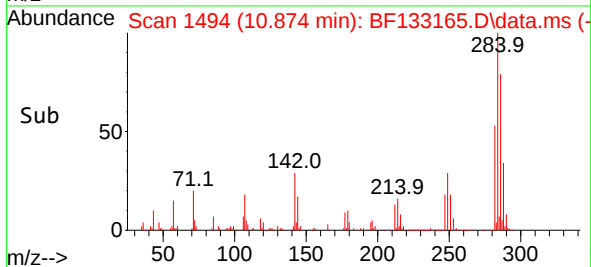
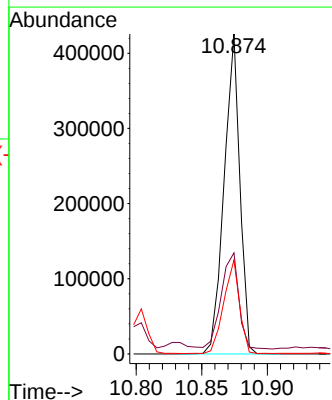
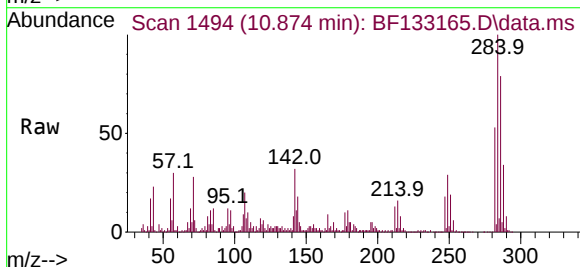
Manual Integrations
APPROVED

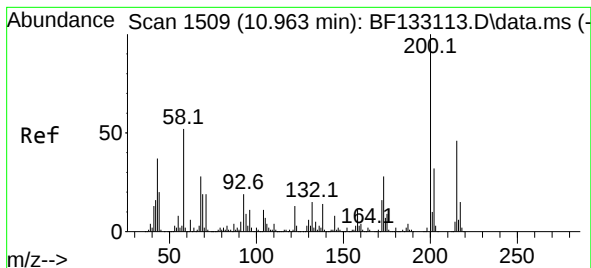
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#68
Hexachlorobenzene
Concen: 49.016 ng
RT: 10.874 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:284 Resp: 353695
Ion Ratio Lower Upper
284 100
142 31.6 26.0 39.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 58.033 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:200 Resp: 35218

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

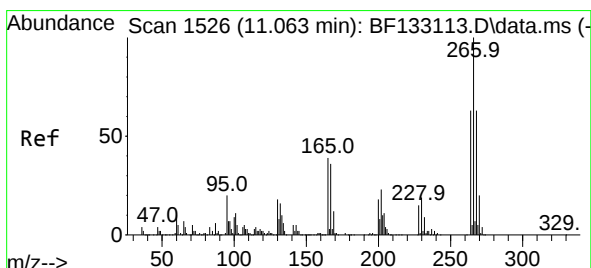
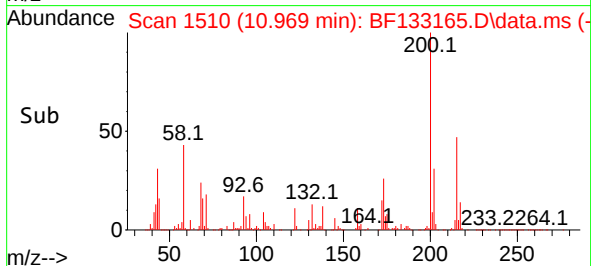
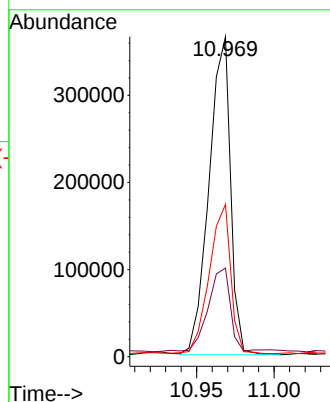
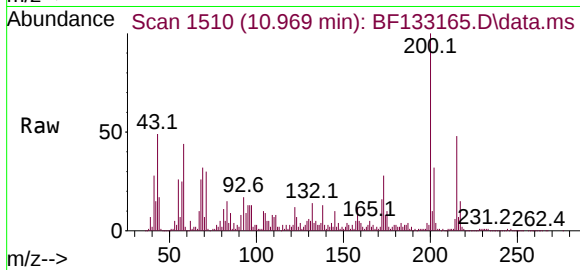
215 47.6 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#70

Pentachlorophenol

Concen: 72.267 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

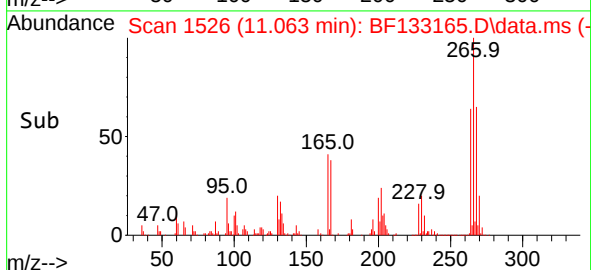
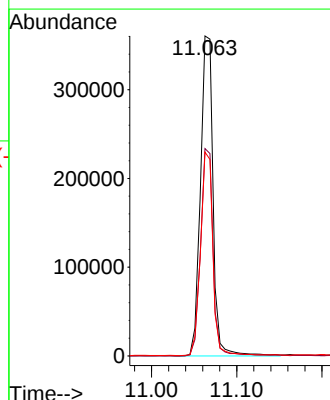
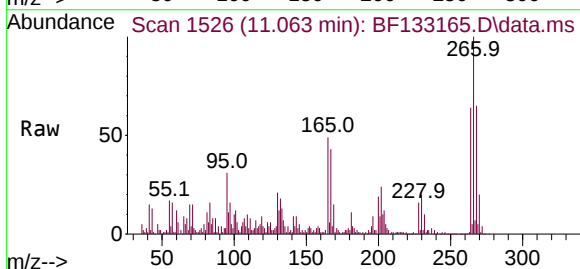
Tgt Ion:266 Resp: 371385

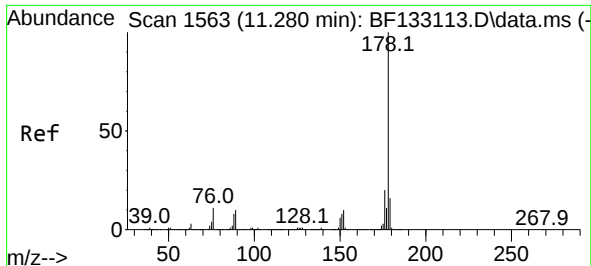
Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

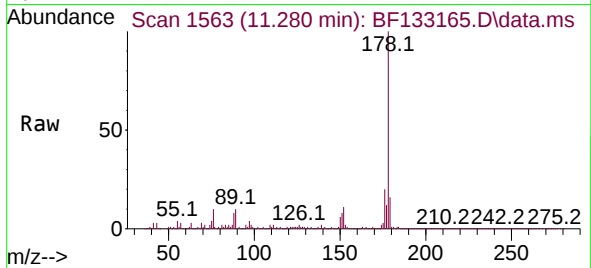
264 63.7 50.6 76.0





#71
Phenanthrene
Concen: 48.391 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

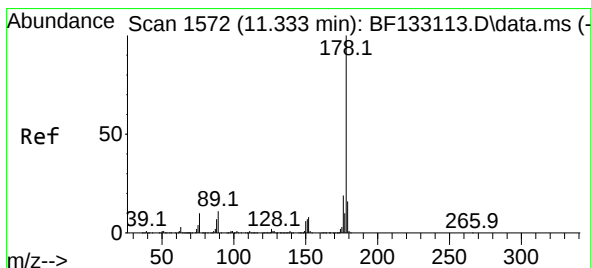
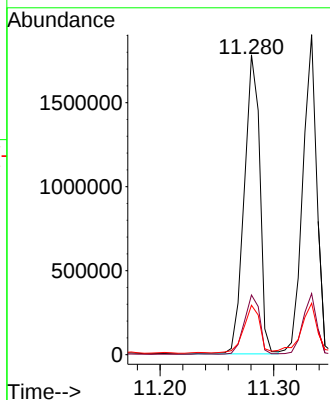
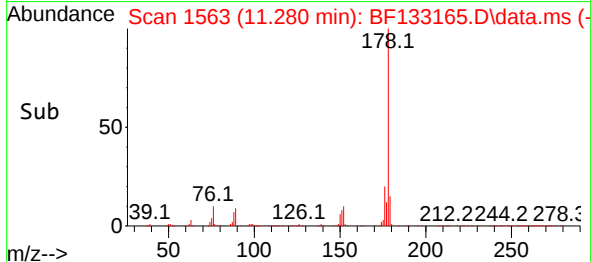
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:178 Resp: 1688734
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.5 12.5 18.7

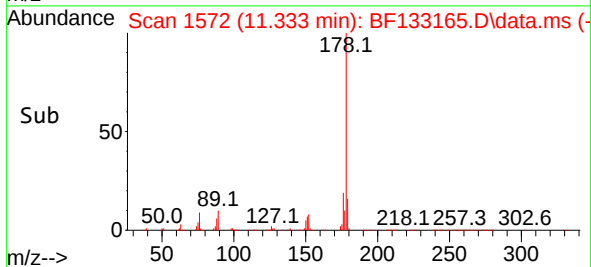
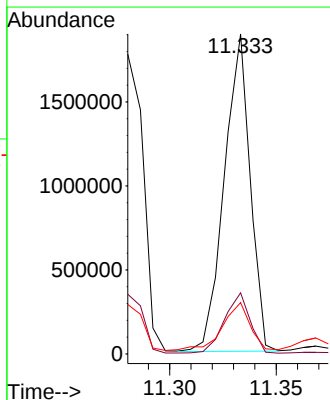
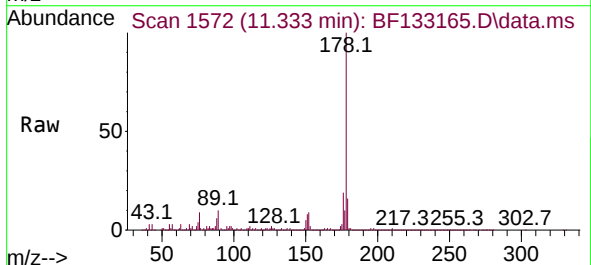
Manual Integrations
APPROVED

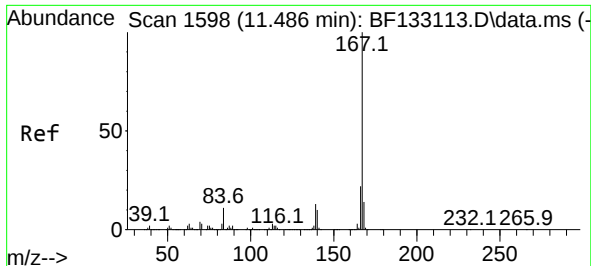
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#72
Anthracene
Concen: 44.718 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

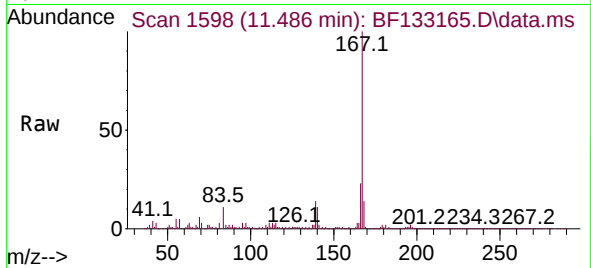
Tgt Ion:178 Resp: 1597076
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 44.892 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11

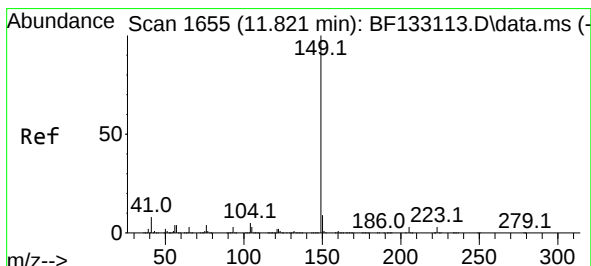
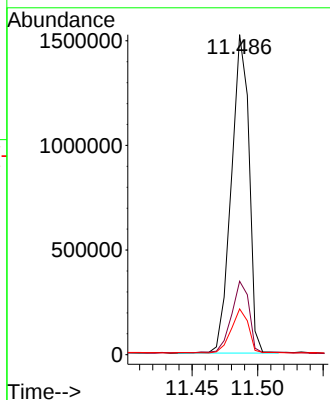
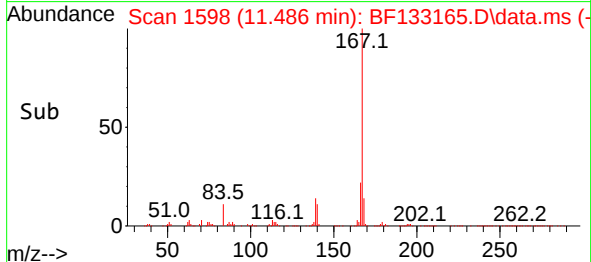
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MS



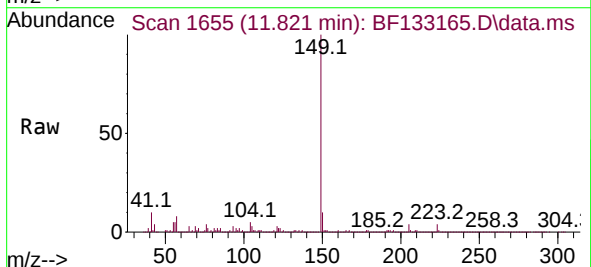
Tgt Ion:167 Resp: 1427600
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 14.3 10.6 16.0

Manual Integrations
 APPROVED

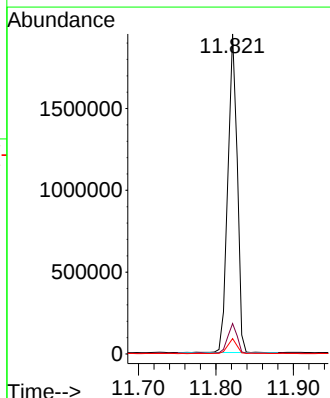
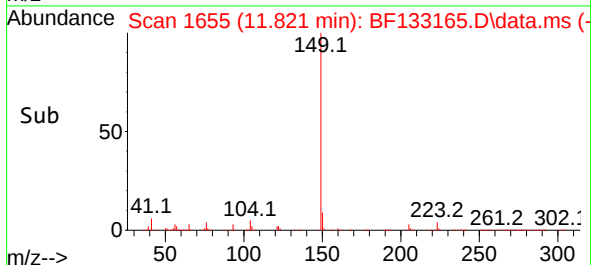
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

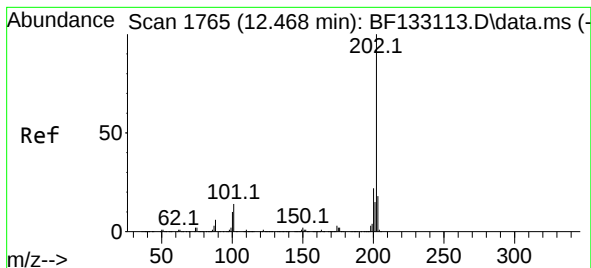


#74
 Di-n-butylphthalate
 Concen: 45.537 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133165.D
 Acq: 01 May 2023 20:11



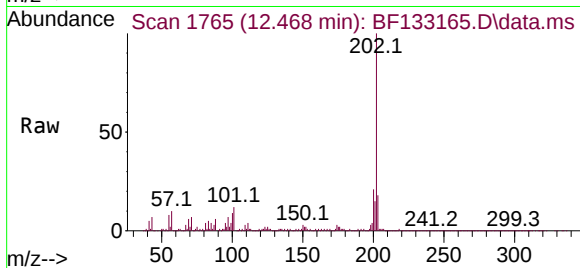
Tgt Ion:149 Resp: 1638767
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 35.396 ng
RT: 12.468 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

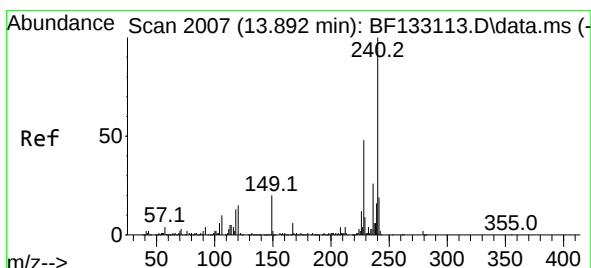
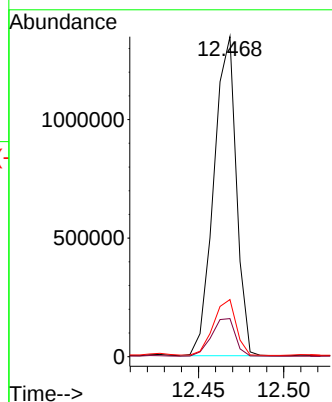
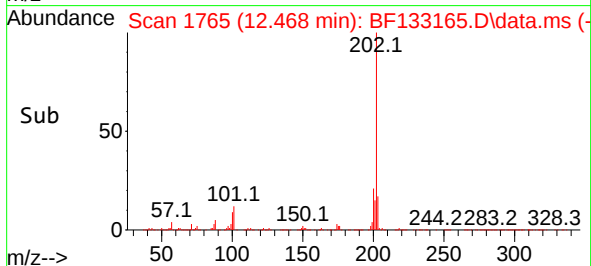
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:202 Resp: 1239689
Ion Ratio Lower Upper
202 100
101 11.9 0.0 35.3
203 17.8 0.0 38.1

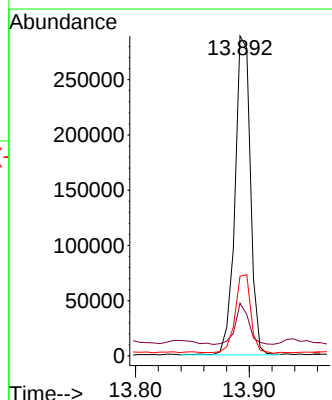
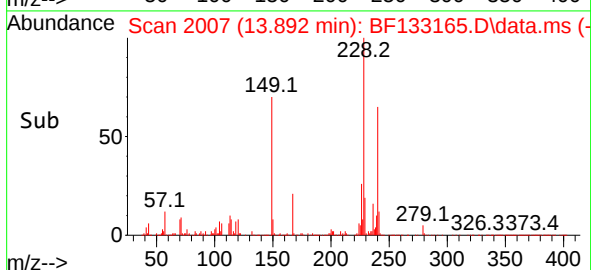
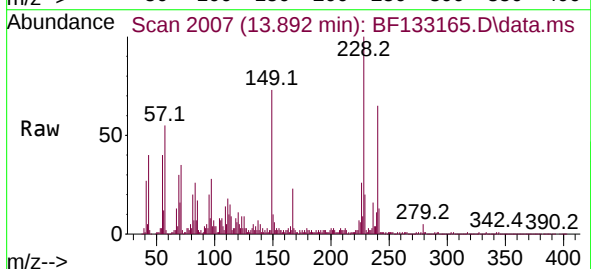
Manual Integrations
APPROVED

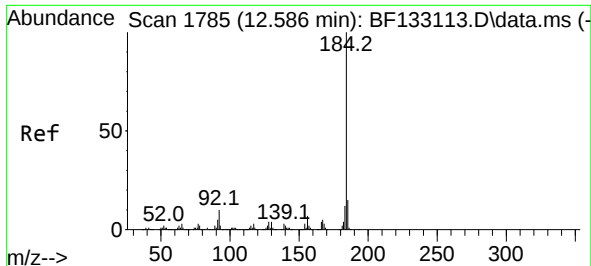
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

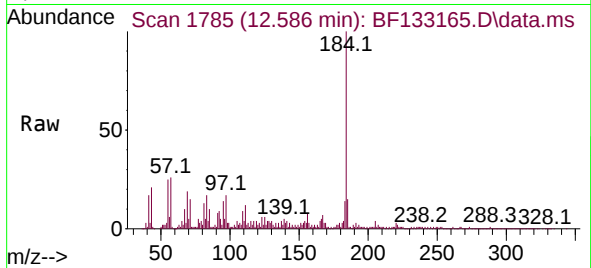
Tgt Ion:240 Resp: 271878
Ion Ratio Lower Upper
240 100
120 16.4 10.5 15.7#
236 25.0 21.5 32.3





#77
Benzidine
Concen: 86.026 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

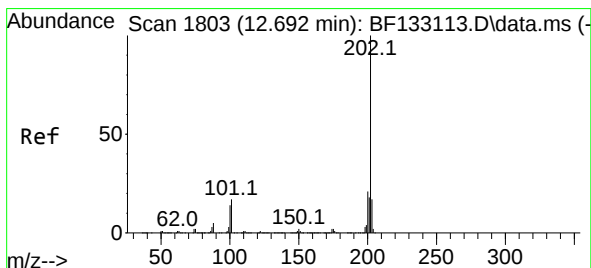
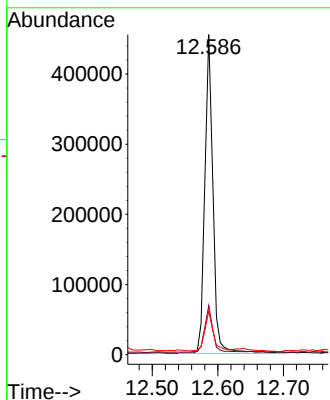
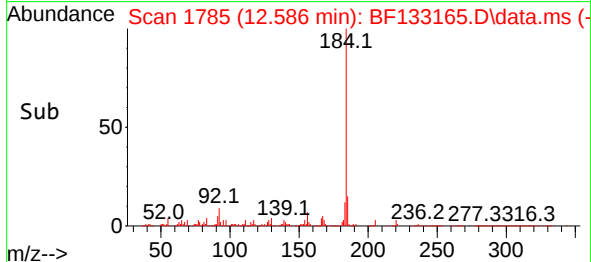
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:184 Resp: 395511
Ion Ratio Lower Upper
184 100
185 15.4 15.4 23.2
183 13.7 9.4 14.0

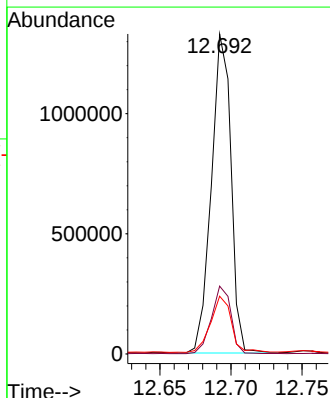
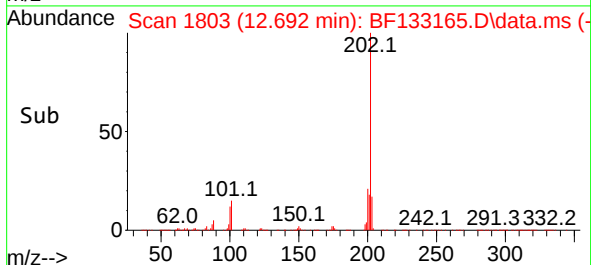
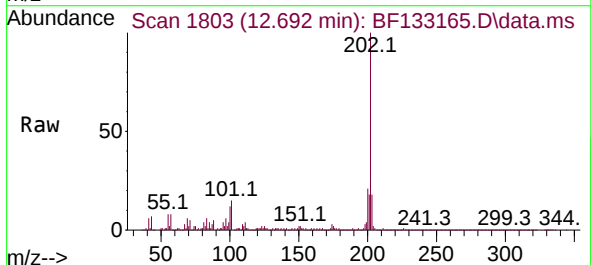
Manual Integrations
APPROVED

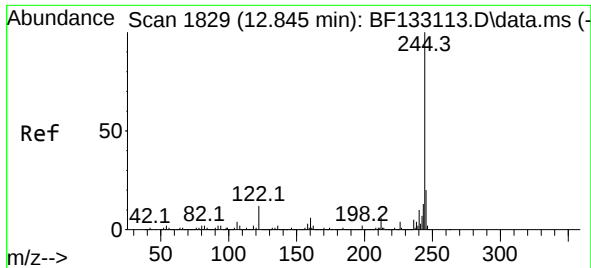
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#78
Pyrene
Concen: 54.843 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

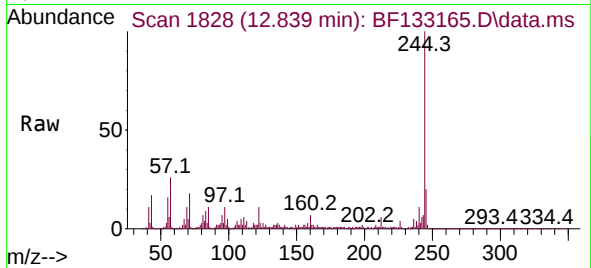
Tgt Ion:202 Resp: 1278179
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.1 14.1 21.1





#79
Terphenyl-d14
Concen: 48.978 ng
RT: 12.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

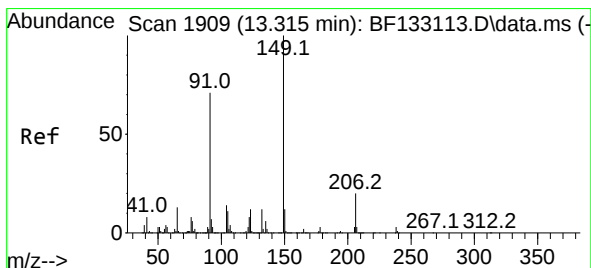
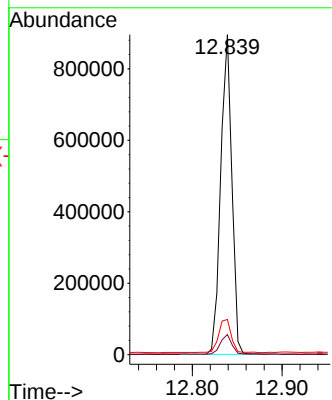
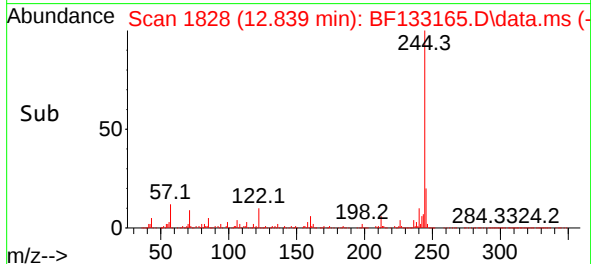
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



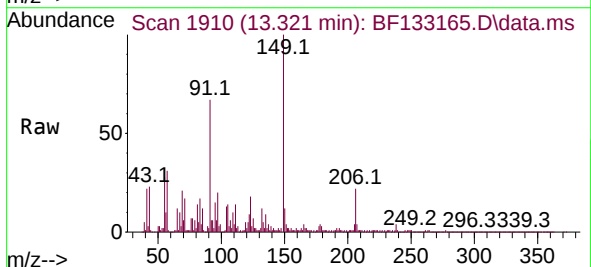
Tgt Ion:244 Resp: 772090
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.0 8.6 13.0

Manual Integrations
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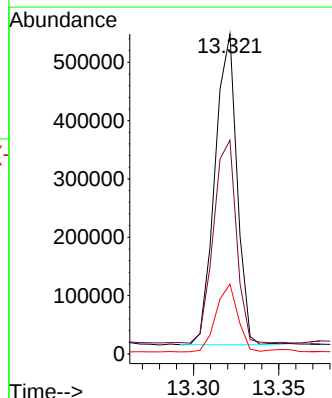
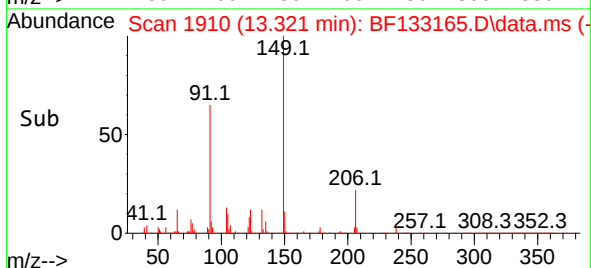
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

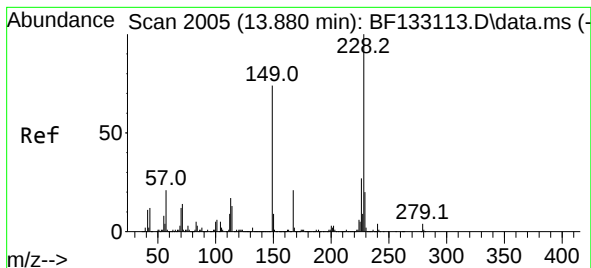


#80
Butylbenzylphthalate
Concen: 58.243 ng
RT: 13.321 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



Tgt Ion:149 Resp: 480628
Ion Ratio Lower Upper
149 100
91 66.8 53.8 80.6
206 21.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 46.920 ng

RT: 13.886 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNF

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:228 Resp: 877220

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.4

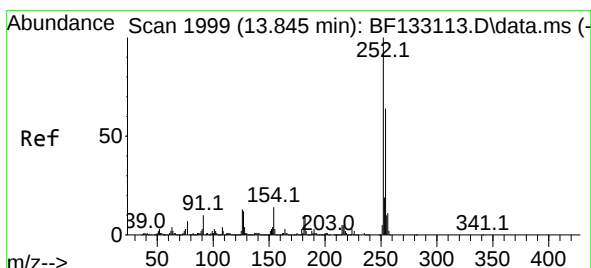
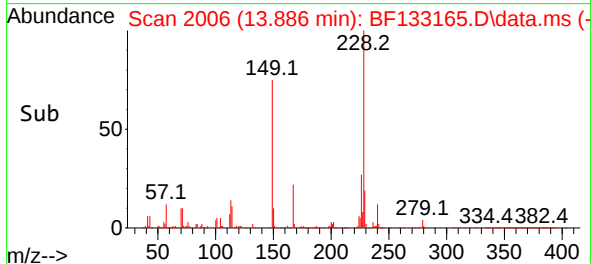
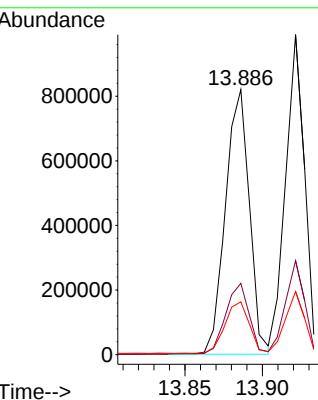
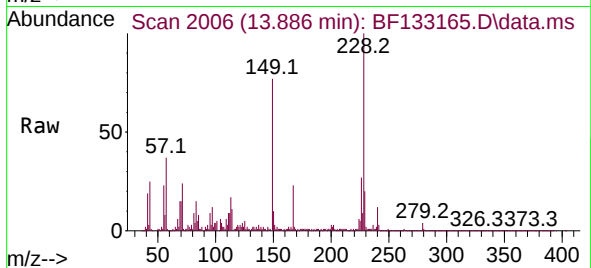
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#82

3,3'-Dichlorobenzidine

Concen: 31.424 ng

RT: 13.845 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

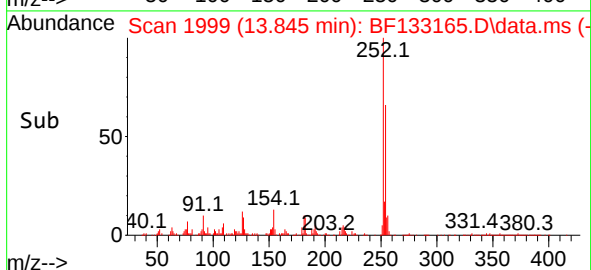
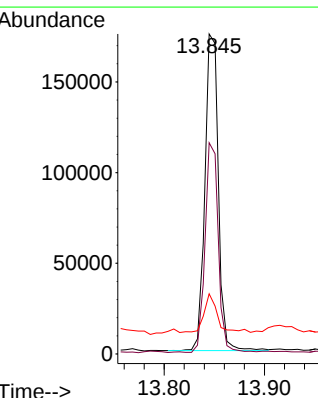
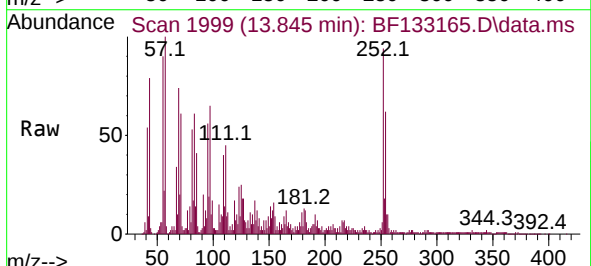
Tgt Ion:252 Resp: 162299

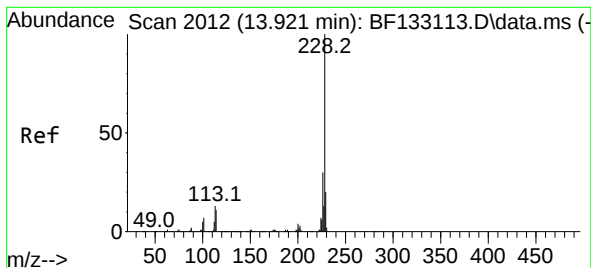
Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

126 18.8 9.5 14.3#





#83

Chrysene

Concen: 45.095 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

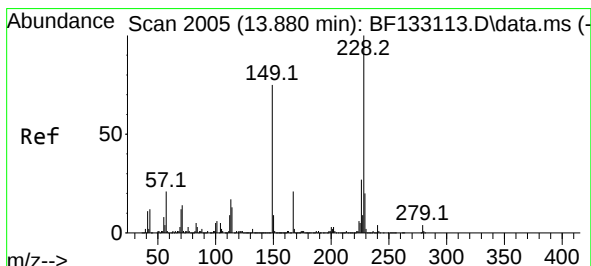
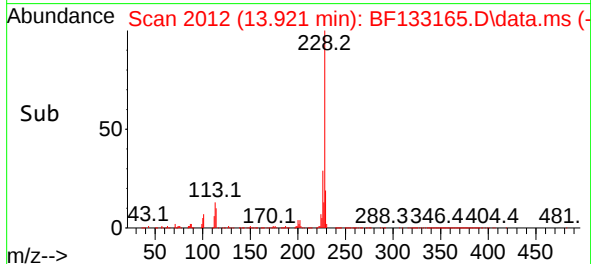
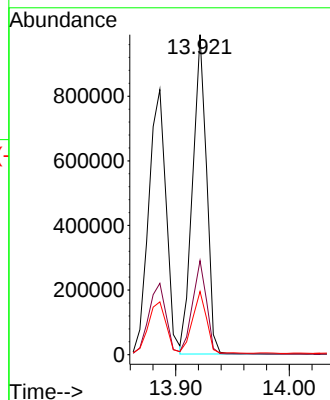
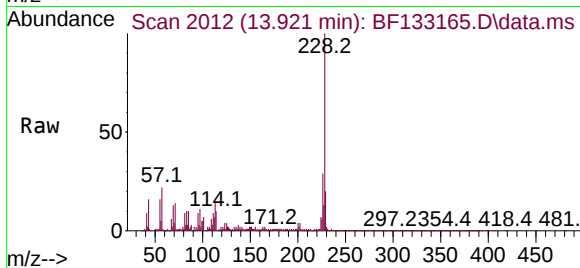
P001-SS011-0006-01MS

Tgt Ion:	228	Resp:	842904
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.7	37.1
229	19.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.101 ng

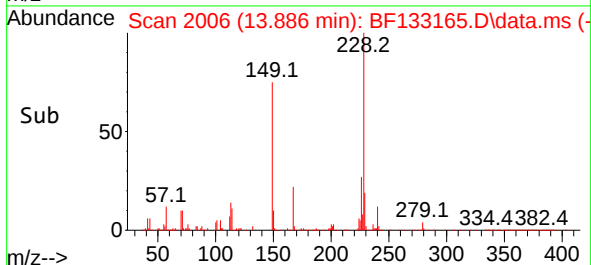
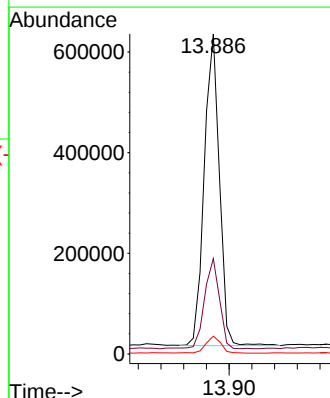
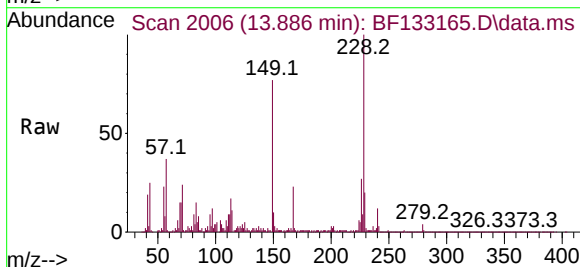
RT: 13.886 min Scan# 2006

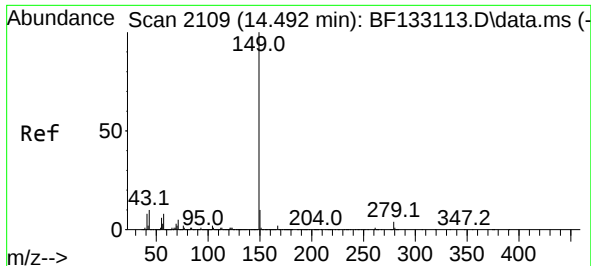
Delta R.T. 0.006 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

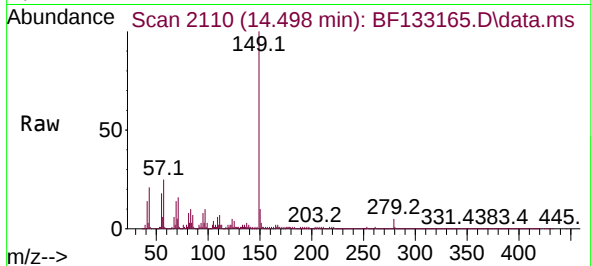
Tgt Ion:	149	Resp:	570733
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.5	33.7
279	5.6	4.2	6.4





#85
Di-n-octyl phthalate
Concen: 59.955 ng
RT: 14.498 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

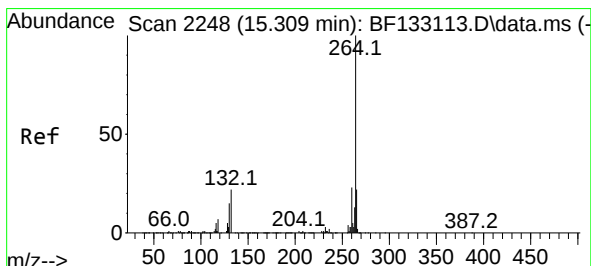
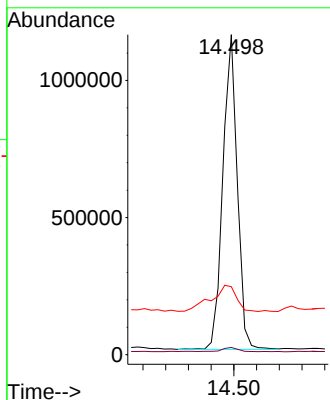
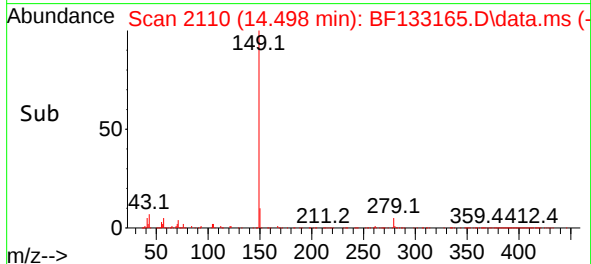
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



Tgt Ion:149 Resp: 101259
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.4 9.5 14.3

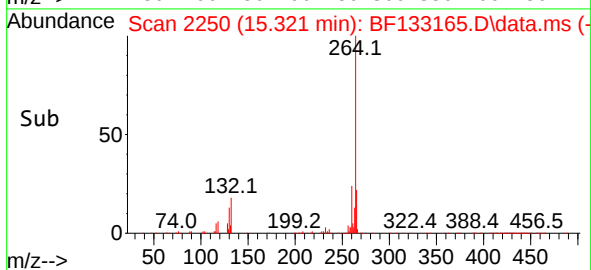
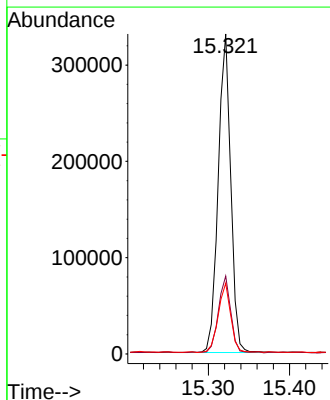
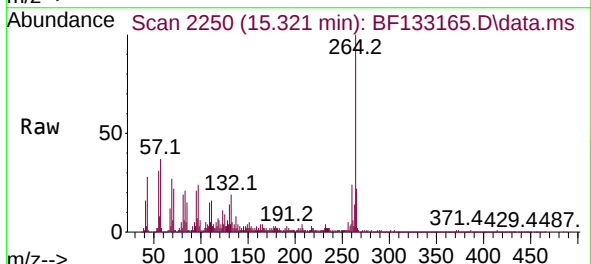
Manual Integrations
APPROVED

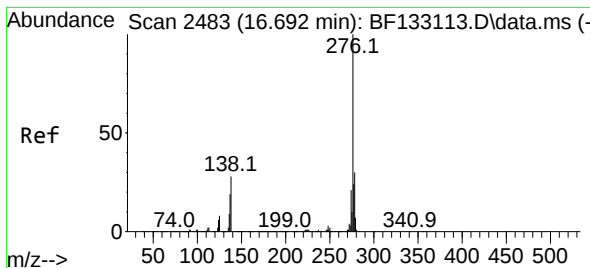
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

Tgt Ion:264 Resp: 356467
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.233 ng

RT: 16.709 min Scan# 2483

Delta R.T. 0.024 min

Lab File: BF133165.D

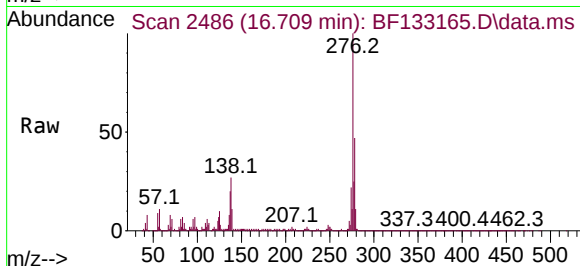
Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS



Tgt Ion: 276 Resp: 114020

Ion Ratio Lower Upper

276 100

138 29.0 25.5 38.3

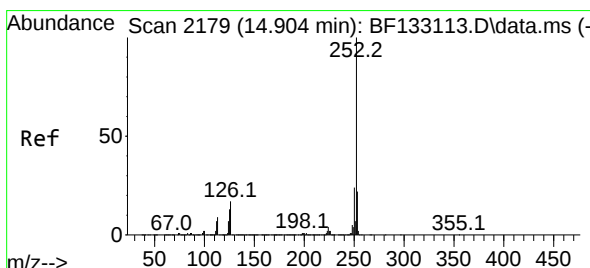
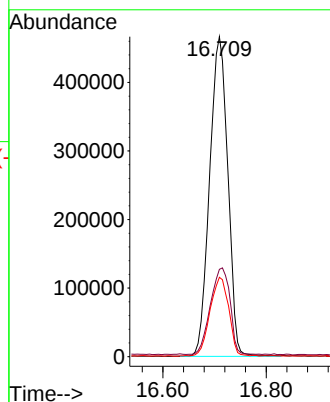
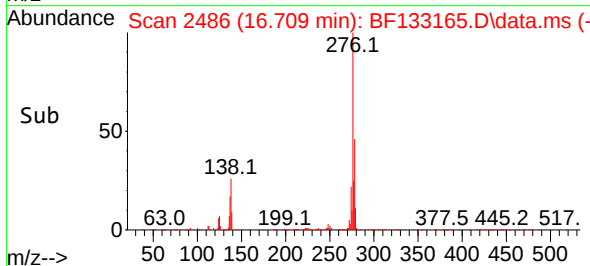
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/02/2023

Supervised By : Jagrut Upadhyay 05/02/2023



#88

Benzo(b)fluoranthene

Concen: 42.054 ng

RT: 14.915 min Scan# 2181

Delta R.T. 0.012 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

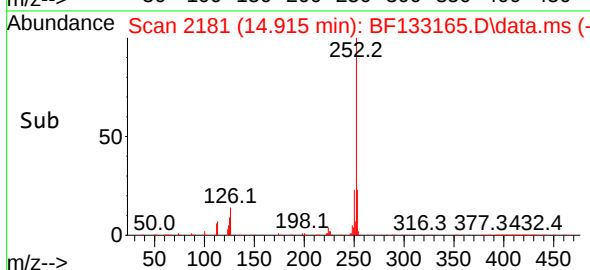
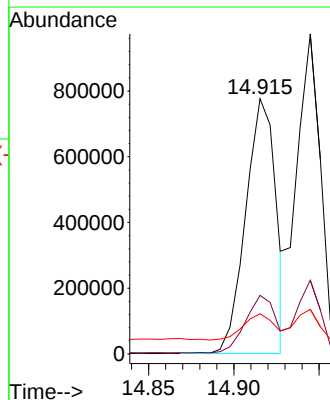
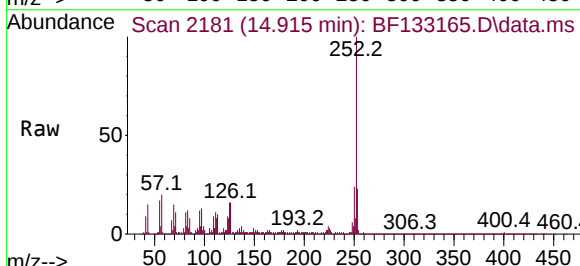
Tgt Ion: 252 Resp: 953711

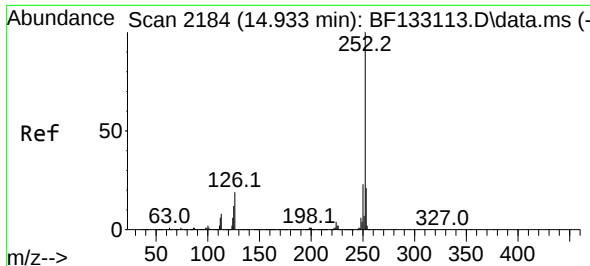
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

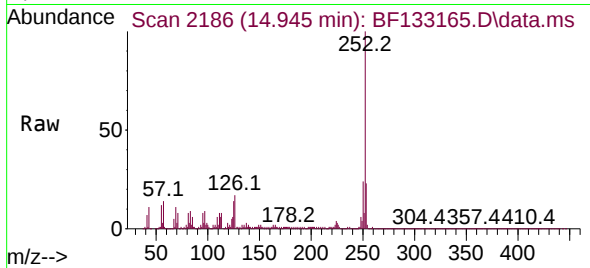
125 15.7 8.9 13.3#





#89
Benzo(k)fluoranthene
Concen: 42.255 ng
RT: 14.945 min Scan# 2184
Delta R.T. 0.012 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11

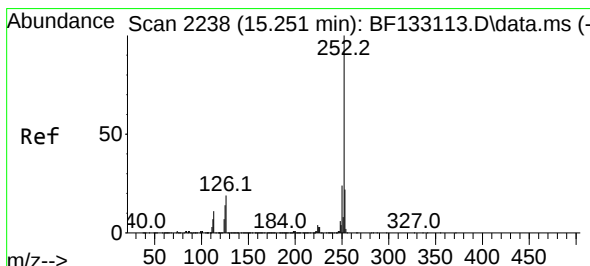
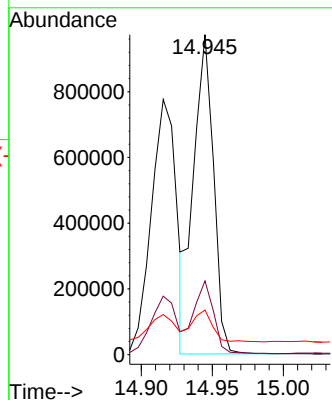
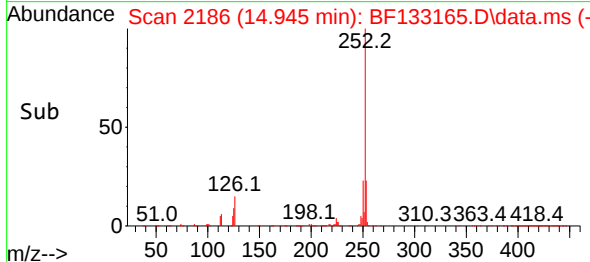
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MS



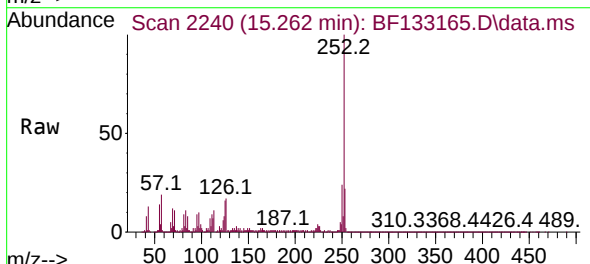
Tgt Ion:252 Resp: 949911
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 14.0 9.0 13.4

Manual Integrations
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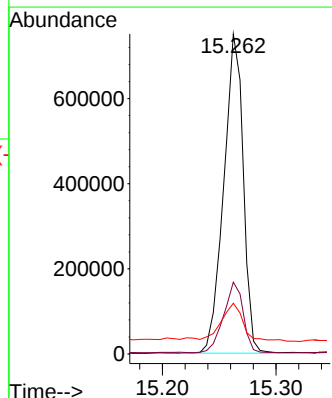
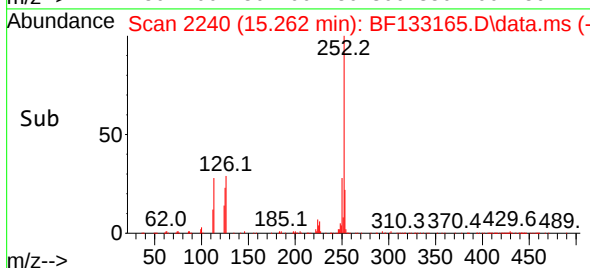
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

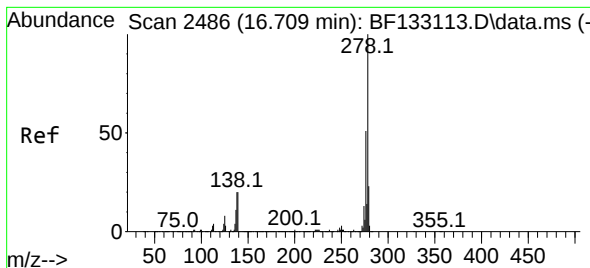


#90
Benzo(a)pyrene
Concen: 43.280 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF133165.D
Acq: 01 May 2023 20:11



Tgt Ion:252 Resp: 893362
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 15.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 55.541 ng

RT: 16.727 min Scan# 2486

Delta R.T. 0.024 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MS

Tgt Ion:278 Resp: 93929

Ion Ratio Lower Upper

278 100

139 19.5 16.6 24.8

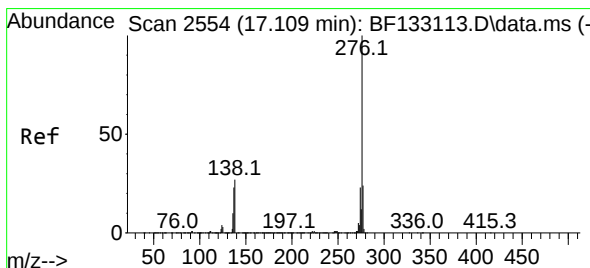
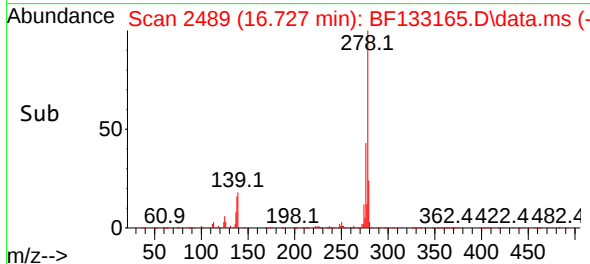
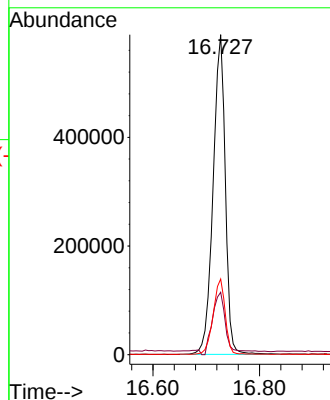
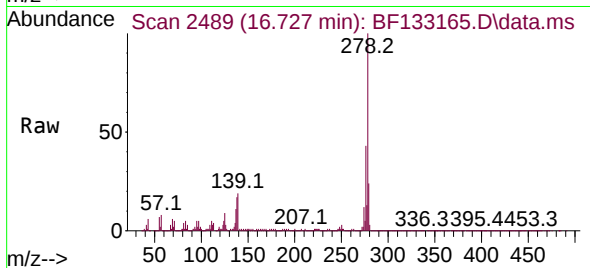
279 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#92

Benzo(g,h,i)perylene

Concen: 54.926 ng

RT: 17.127 min Scan# 2557

Delta R.T. 0.024 min

Lab File: BF133165.D

Acq: 01 May 2023 20:11

Tgt Ion:276 Resp: 917053

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 25.7 22.7 34.1

