

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133225.D
 Acq On : 04 May 2023 11:38
 Operator : CG\JU
 Sample : PB152560BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS

Manual Integrations
 APPROVED

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

Quant Time: May 04 11:58:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 11:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	196512	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	813125	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	451047	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	829508	20.000	ng	0.00
76) Chrysene-d12	13.886	240	514871	20.000	ng	0.00
86) Perylene-d12	15.298	264	434057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1384161	106.402	ng	0.02
7) Phenol-d6	6.375	99	1704379	105.556	ng	0.00
23) Nitrobenzene-d5	7.298	82	1039006	68.971	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	466527	102.847	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1842685	68.348	ng	0.00
79) Terphenyl-d14	12.833	244	2101910	70.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	246437	40.842	ng	98
3) Pyridine	3.163	79	608453	37.966	ng	97
4) n-Nitrosodimethylamine	3.122	42	347377	41.848	ng	95
6) Aniline	6.392	93	799659	38.452	ng	# 60
8) 2-Chlorophenol	6.516	128	604661	45.779	ng	97
9) Benzaldehyde	6.275	77	349885	51.980	ng	97
10) Phenol	6.386	94	753100	42.279	ng	# 70
11) bis(2-Chloroethyl)ether	6.469	93	589102	44.072	ng	98
12) 1,3-Dichlorobenzene	6.669	146	638507	45.469	ng	99
13) 1,4-Dichlorobenzene	6.745	146	640194	45.488	ng	97
14) 1,2-Dichlorobenzene	6.898	146	601730	46.376	ng	97
15) Benzyl Alcohol	6.875	79	499541	44.788	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	991867	42.723	ng	97
17) 2-Methylphenol	6.992	107	514114	42.508	ng	99
18) Hexachloroethane	7.239	117	231015	47.213	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	416219	41.406	ng	97
20) 3+4-Methylphenols	7.145	107	616402	43.277	ng	95
22) Acetophenone	7.139	105	831061	44.121	ng	# 97
24) Nitrobenzene	7.316	77	637119	41.737	ng	99
25) Isophorone	7.557	82	1235593	43.200	ng	100
26) 2-Nitrophenol	7.633	139	352795	47.916	ng	92
27) 2,4-Dimethylphenol	7.675	122	589863	46.721	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	745677	44.069	ng	99
29) 2,4-Dichlorophenol	7.875	162	532560	46.337	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	538970	45.265	ng	100
31) Naphthalene	8.039	128	1751336	43.079	ng	99
32) Benzoic acid	7.816	122	408357	52.364	ng	98
33) 4-Chloroaniline	8.086	127	522502	31.810	ng	99
34) Hexachlorobutadiene	8.157	225	297505	45.081	ng	98
35) Caprolactam	8.469	113	204013m	52.839	ng	
36) 4-Chloro-3-methylphenol	8.575	107	585804	47.265	ng	97
37) 2-Methylnaphthalene	8.728	142	1173768	42.231	ng	98
38) 1-Methylnaphthalene	8.828	142	1113123	42.811	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	479525	39.541	ng	99
41) Hexachlorocyclopentadiene	8.880	237	626316	88.554	ng	100
43) 2,4,6-Trichlorophenol	9.010	196	368260	43.909	ng	99

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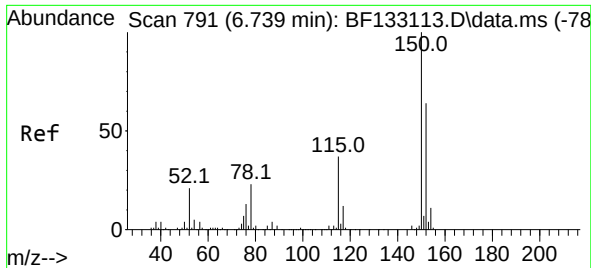
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	399077	41.143	ng	97
46) 1,1'-Biphenyl	9.192	154	1485361	41.530	ng	99
47) 2-Chloronaphthalene	9.216	162	1121338	42.835	ng	100
48) 2-Nitroaniline	9.310	65	377494	43.632	ng	93
49) Acenaphthylene	9.627	152	1768564	42.281	ng	100
50) Dimethylphthalate	9.498	163	1363606	43.357	ng	99
51) 2,6-Dinitrotoluene	9.557	165	318567	45.004	ng	93
52) Acenaphthene	9.804	154	1290080m	46.049	ng	
53) 3-Nitroaniline	9.722	138	302184	35.903	ng	99
54) 2,4-Dinitrophenol	9.833	184	357217	100.395	ng	98
55) Dibenzofuran	9.975	168	1585278	41.483	ng	98
56) 4-Nitrophenol	9.898	139	561734	86.170	ng	94
57) 2,4-Dinitrotoluene	9.963	165	422985	46.856	ng	90
58) Fluorene	10.316	166	1178602	42.096	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	345702	45.972	ng	97
60) Diethylphthalate	10.198	149	1319671	44.423	ng	98
61) 4-Chlorophenyl-phenyle...	10.310	204	564960	41.407	ng	99
62) 4-Nitroaniline	10.345	138	370229	47.859	ng	96
63) Azobenzene	10.469	77	1309718	41.618	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	247479	49.222	ng	82
66) n-Nitrosodiphenylamine	10.433	169	1116383	41.490	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	377711	41.984	ng	97
68) Hexachlorobenzene	10.863	284	394781	42.824	ng	94
69) Atrazine	10.963	200	400176	51.615	ng	99
70) Pentachlorophenol	11.063	266	470003	71.588	ng	97
71) Phenanthrene	11.274	178	1815251	40.716	ng	99
72) Anthracene	11.327	178	1863904	40.851	ng	99
73) Carbazole	11.480	167	1750791	43.094	ng	99
74) Di-n-butylphthalate	11.816	149	2112464	45.947	ng	99
75) Fluoranthene	12.463	202	1840498	41.133	ng	97
77) Benzidine	12.586	184	1232778	141.589	ng	# 93
78) Pyrene	12.686	202	1887773	42.771	ng	99
80) Butylbenzylphthalate	13.310	149	835491	53.463	ng	96
81) Benzo(a)anthracene	13.874	228	1434551	40.517	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	365940	37.413	ng	99
83) Chrysene	13.910	228	1454242	41.083	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	929785	47.401	ng	100
85) Di-n-octyl phthalate	14.480	149	1661439	51.946	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1138110	46.096	ng	99
88) Benzo(b)fluoranthene	14.898	252	1265770	45.838	ng	99
89) Benzo(k)fluoranthene	14.927	252	1242928	45.406	ng	99
90) Benzo(a)pyrene	15.245	252	1050051	41.777	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	939535	45.625	ng	99
92) Benzo(g,h,i)perylene	17.098	276	945581	46.511	ng	97

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



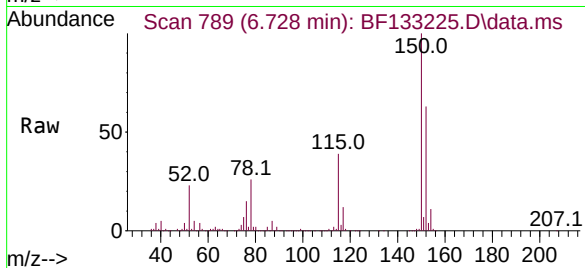
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

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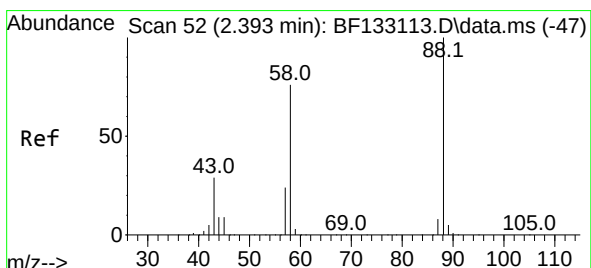
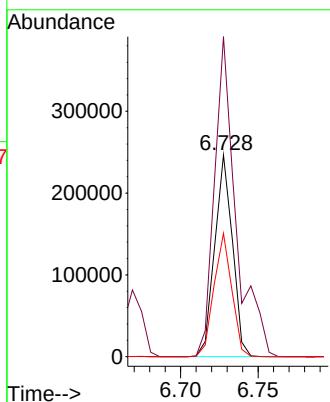
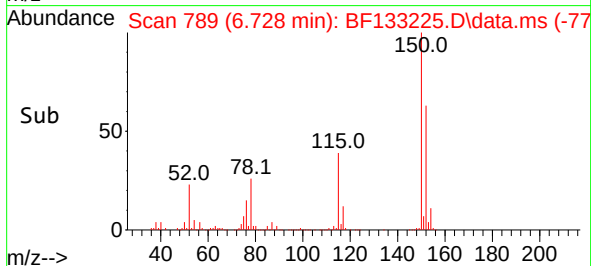


Tgt Ion:152 Resp: 19651
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 61.2 49.9 74.9

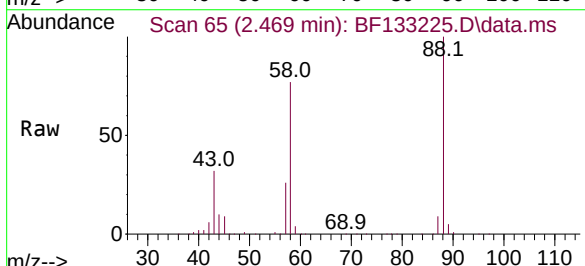
Manual Integrations

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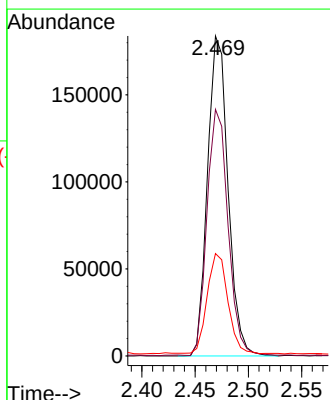
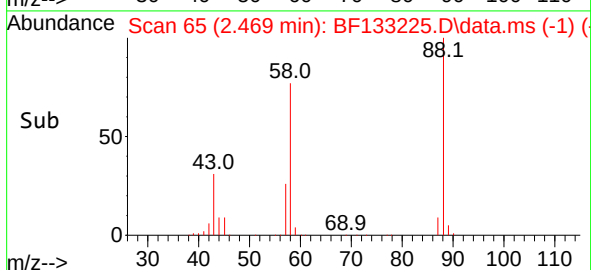
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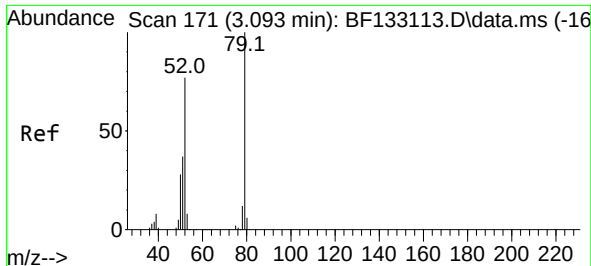


#2
1,4-Dioxane
Concen: 40.842 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.076 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



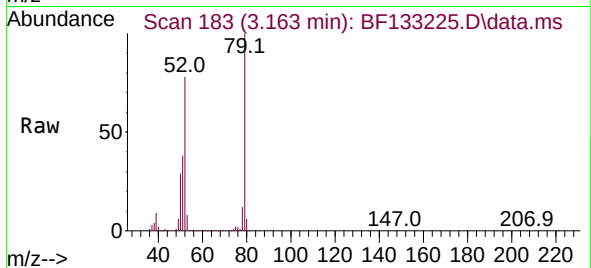
Tgt Ion: 88 Resp: 246437
Ion Ratio Lower Upper
88 100
58 78.9 64.7 97.1
43 31.9 26.2 39.2





#3
Pyridine
Concen: 37.966 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

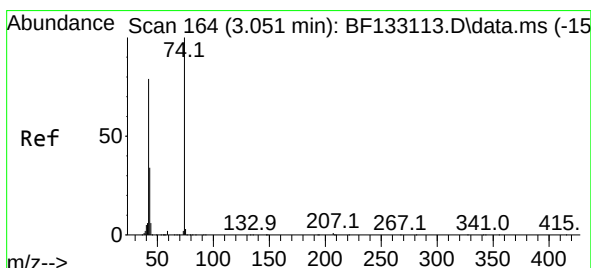
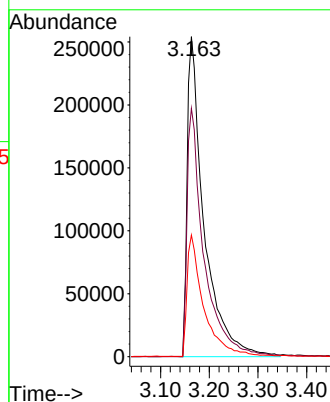
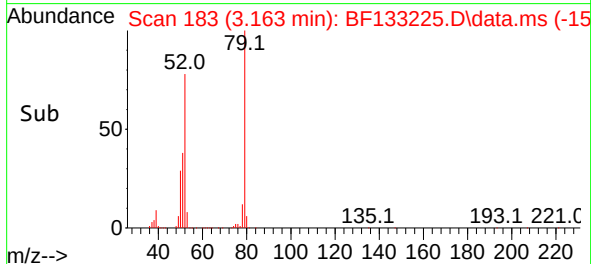
Instrument :
BNA_F
ClientSampleId :
PB152560BS



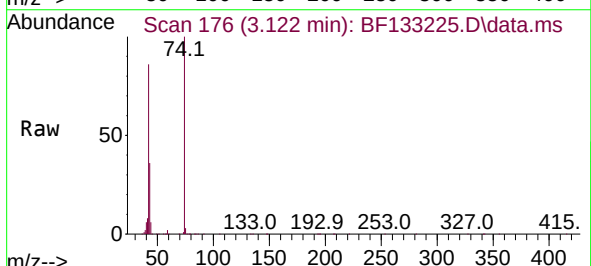
Tgt Ion: 79 Resp: 60845
Ion Ratio Lower Upper
79 100
52 77.6 64.6 96.8
51 38.0 30.0 45.0

Manual Integrations
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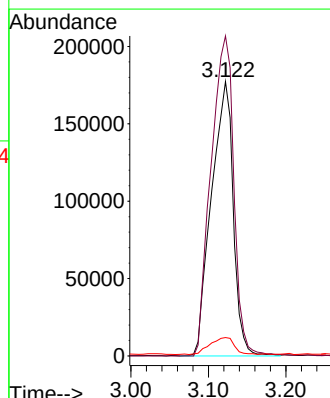
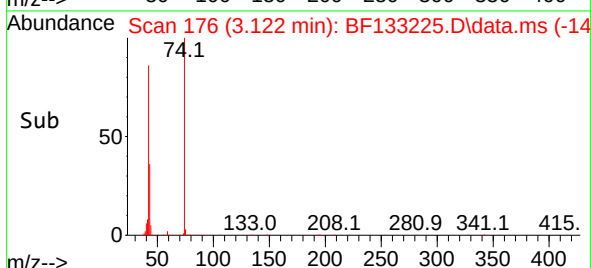
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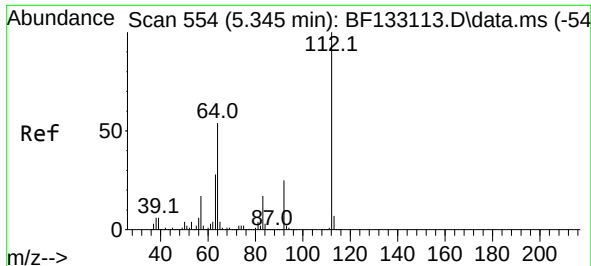


#4
n-Nitrosodimethylamine
Concen: 41.848 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.071 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion: 42 Resp: 347377
Ion Ratio Lower Upper
42 100
74 116.6 98.0 147.0
44 6.7 5.8 8.8





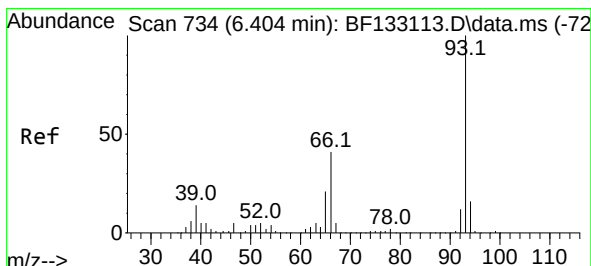
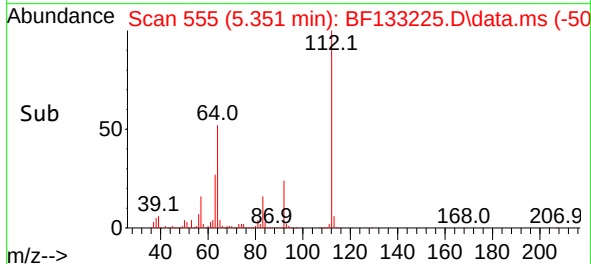
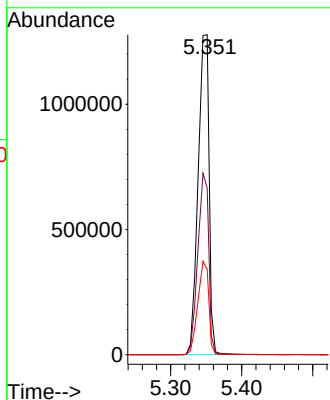
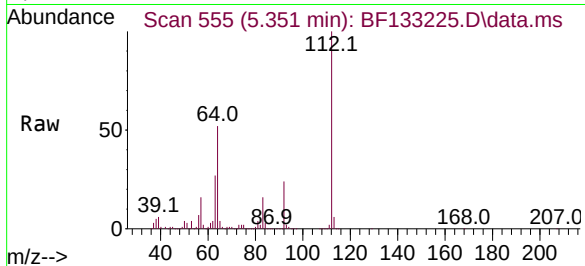
#5
2-Fluorophenol
Concen: 106.402 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Tgt Ion:112 Resp: 138416
Ion Ratio Lower Upper
112 100
64 52.1 46.8 70.2
63 26.7 23.8 35.8

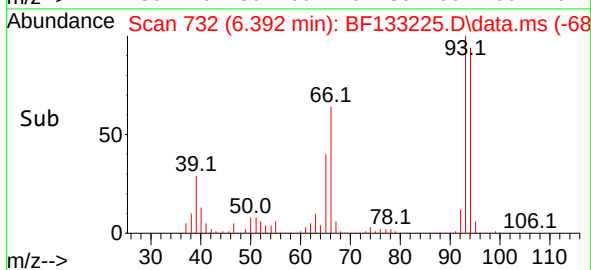
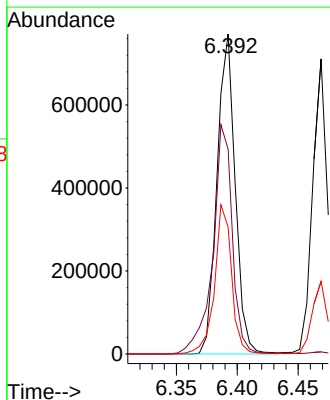
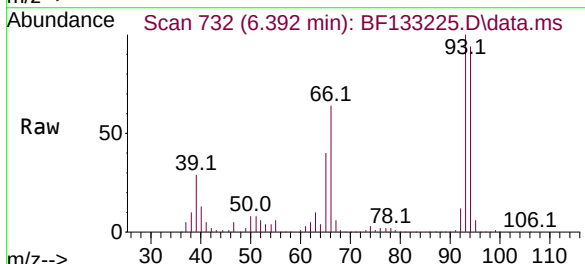
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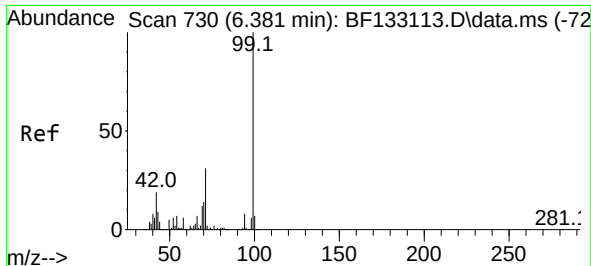
Reviewed By :Christian Giraldo 05/05/2023
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#6
Aniline
Concen: 38.452 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 93 Resp: 799659
Ion Ratio Lower Upper
93 100
66 63.9 31.5 47.3#
65 39.7 16.4 24.6#





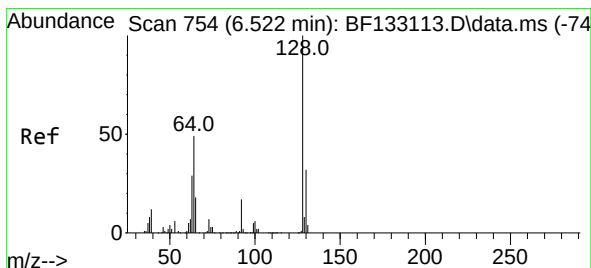
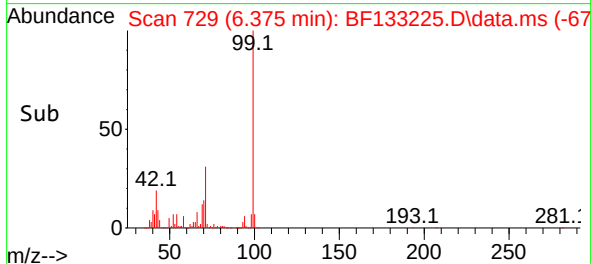
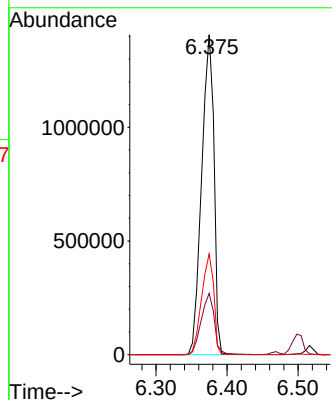
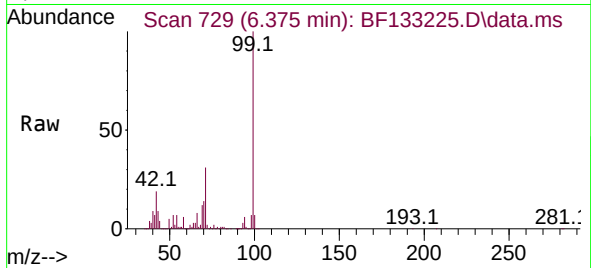
#7
Phenol-d6
Concen: 105.556 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Tgt Ion: 99 Resp: 1704379
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.5 25.6 38.4

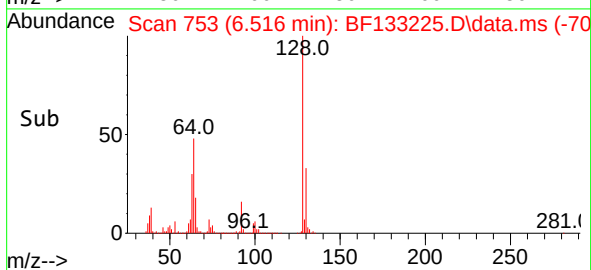
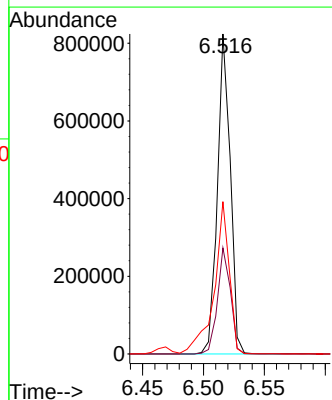
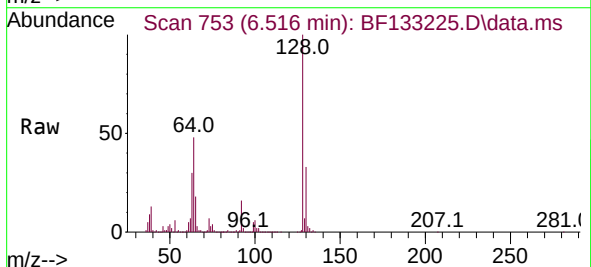
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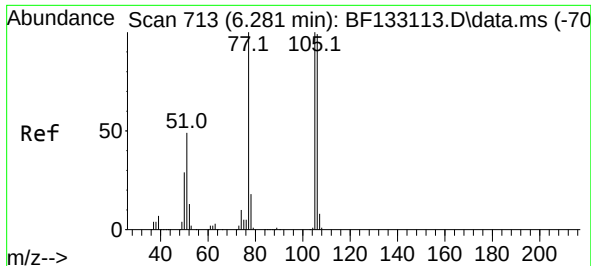
Reviewed By :Christian Giraldo 05/05/2023
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#8
2-Chlorophenol
Concen: 45.779 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

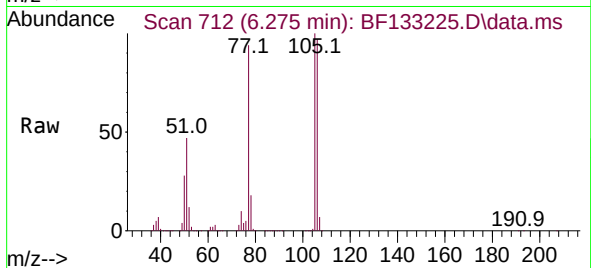
Tgt Ion:128 Resp: 604661
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 47.6 30.3 70.3





#9
Benzaldehyde
Concen: 51.980 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133225.D
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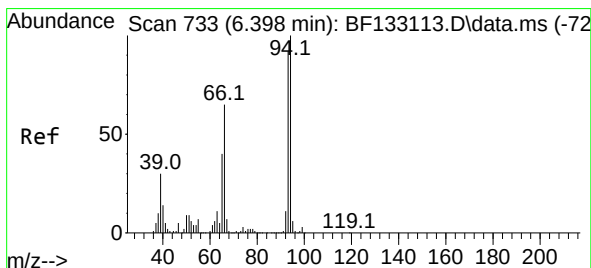
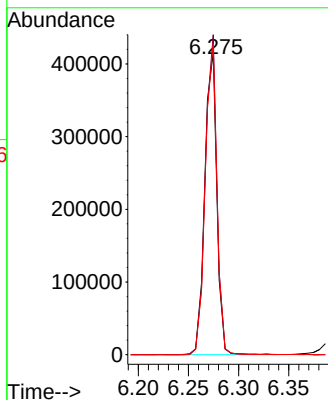
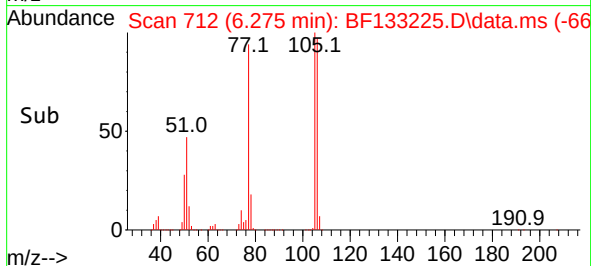
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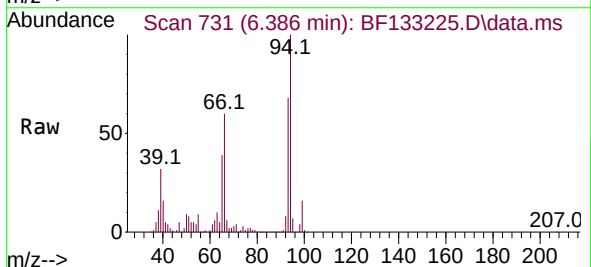
Tgt Ion: 77 Resp: 349885
Ion Ratio Lower Upper
77 100
105 106.1 82.3 122.3
106 103.2 80.8 120.8

Manual Integrations
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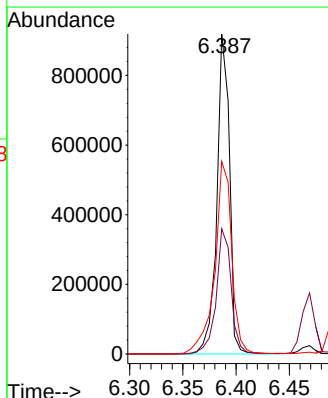
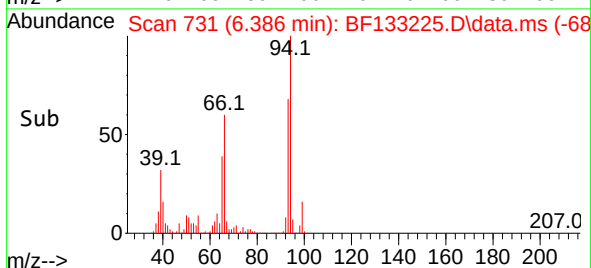
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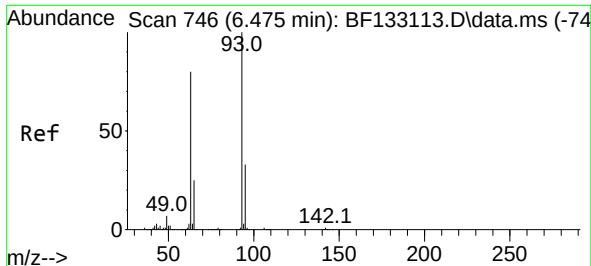


#10
Phenol
Concen: 42.279 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



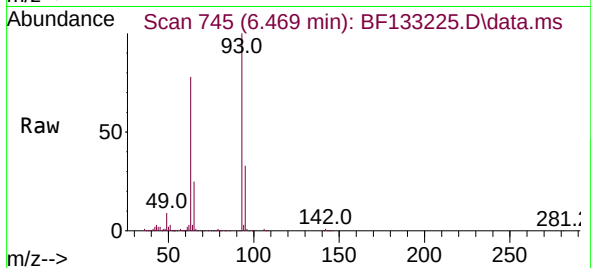
Tgt Ion: 94 Resp: 753100
Ion Ratio Lower Upper
94 100
65 39.1 8.6 48.6
66 60.1 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 44.072 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

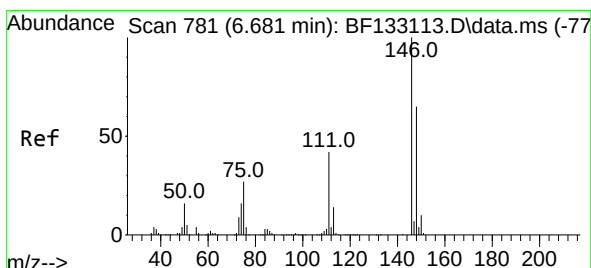
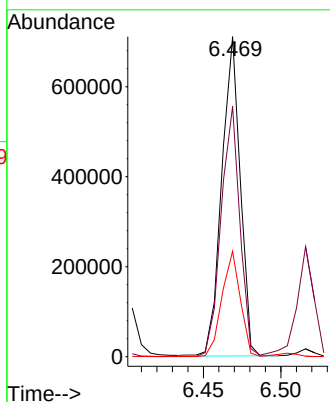
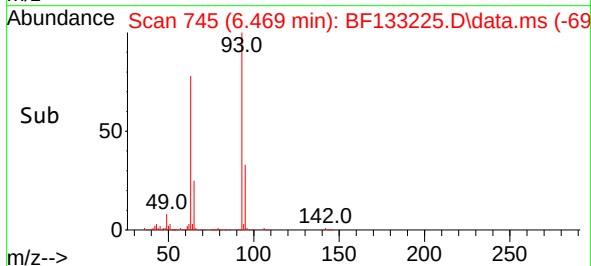
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion: 93 Resp: 58910
Ion Ratio Lower Upper
93 100
63 78.2 60.6 100.6
95 32.9 12.9 52.9

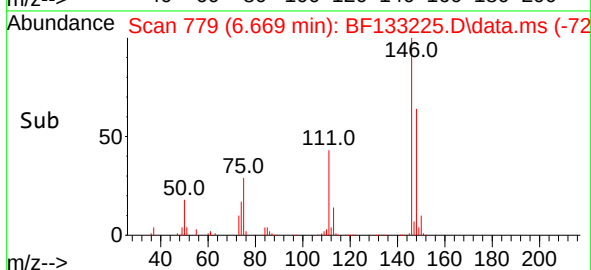
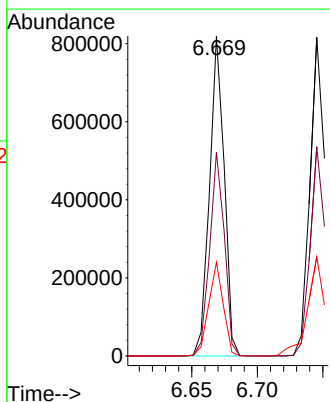
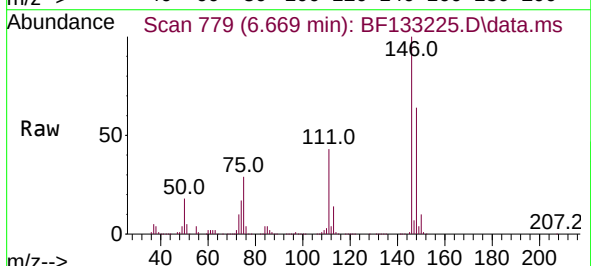
Manual Integrations
APPROVED

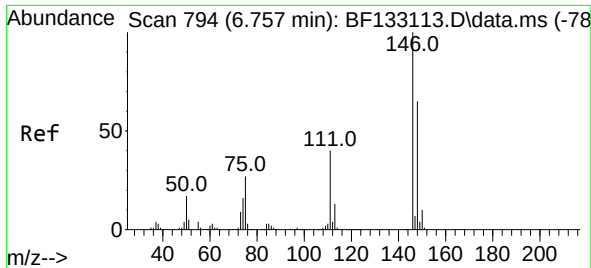
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#12
1,3-Dichlorobenzene
Concen: 45.469 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:146 Resp: 638507
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 45.488 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

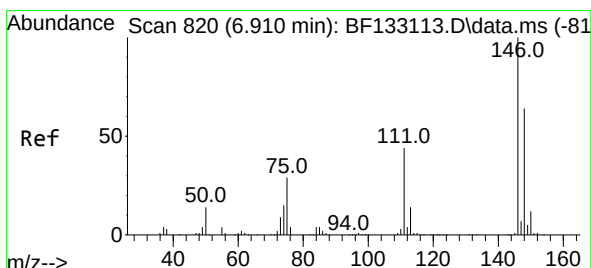
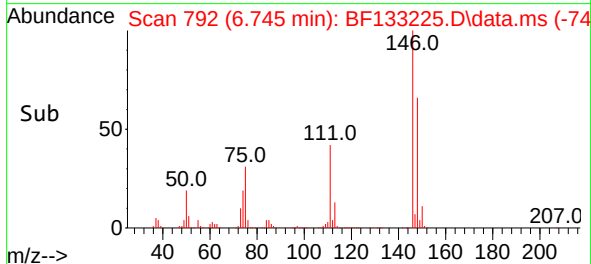
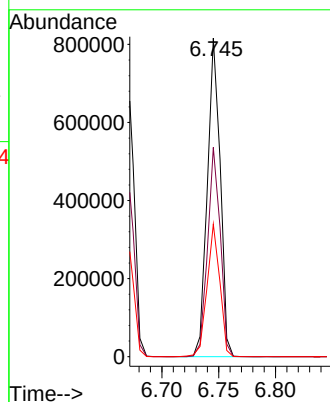
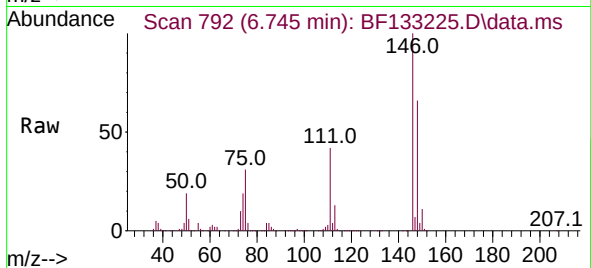
PB152560BS

Tgt Ion:	146	Resp:	640194
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.3	75.5
111	41.6	33.8	50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 46.376 ng

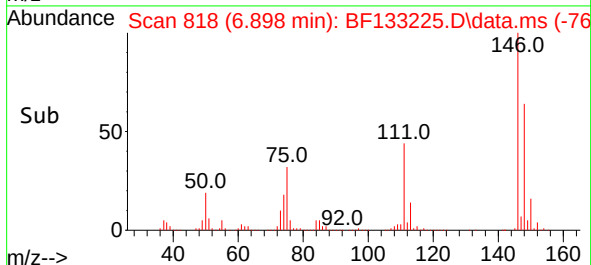
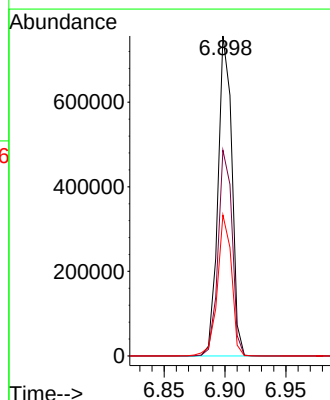
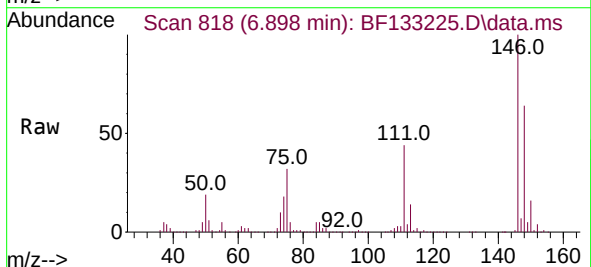
RT: 6.898 min Scan# 818

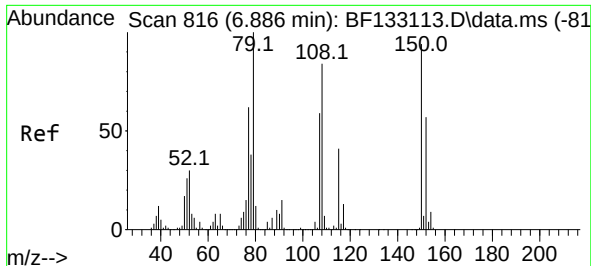
Delta R.T. -0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

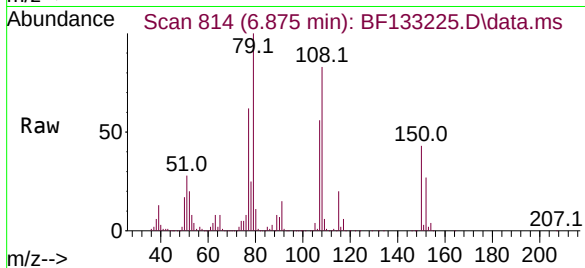
Tgt Ion:	146	Resp:	601730
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	44.0	32.8	49.2





#15
Benzyl Alcohol
Concen: 44.788 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

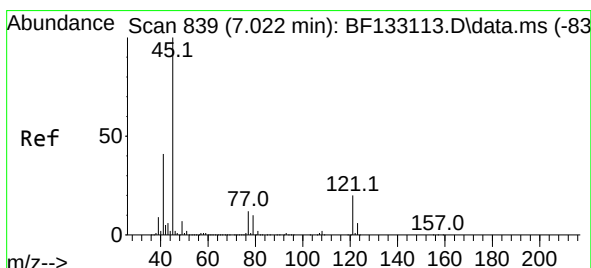
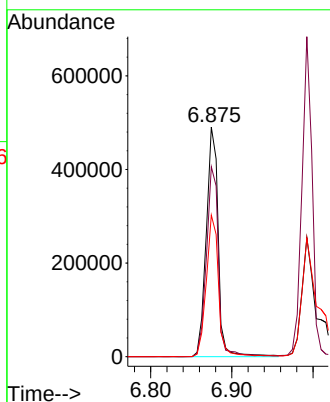
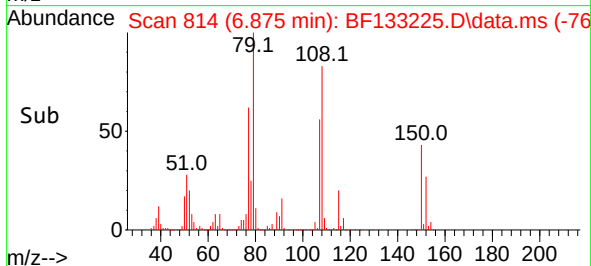
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion: 79 Resp: 49954
Ion Ratio Lower Upper
79 100
108 82.8 66.6 99.8
77 61.7 49.2 73.8

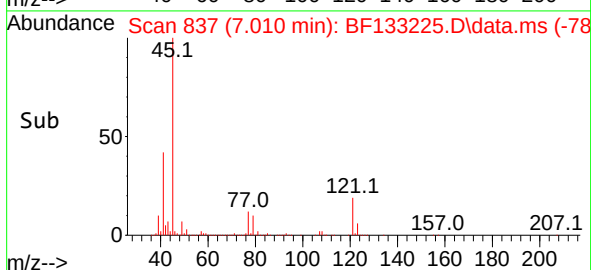
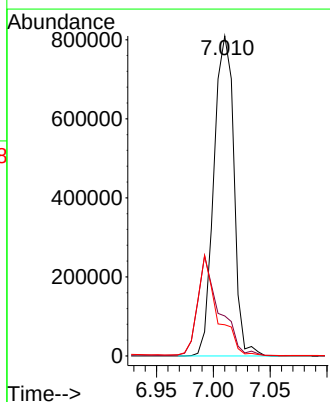
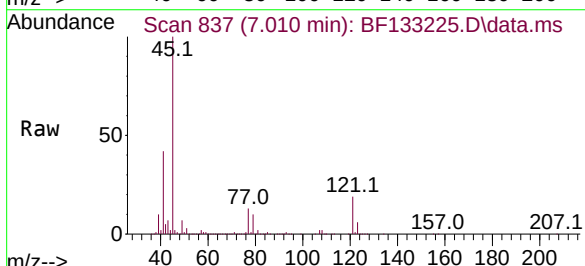
Manual Integrations
APPROVED

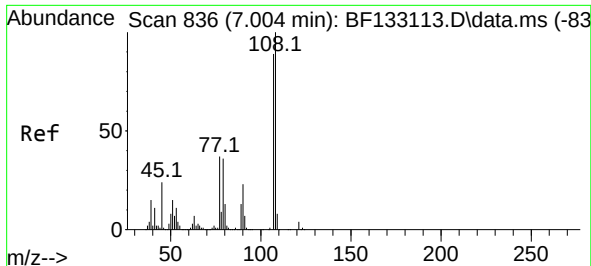
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.723 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

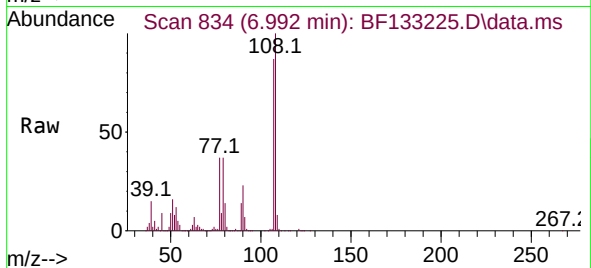
Tgt Ion: 45 Resp: 991867
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.8 0.0 28.7





#17
2-Methylphenol
Concen: 42.508 ng
RT: 6.992 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

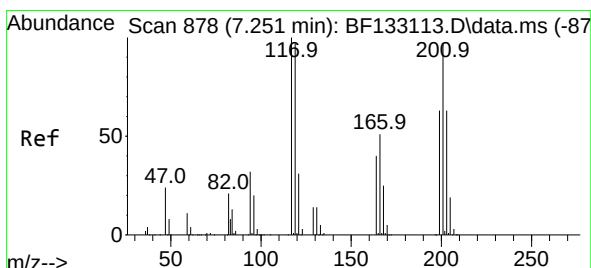
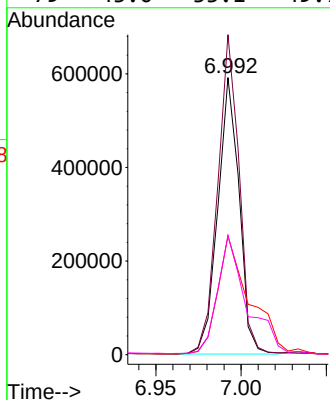
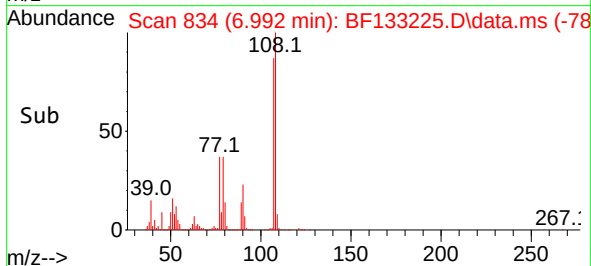
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion:	107	Resp:	514114
Ion Ratio	Lower	Upper	
107	100		
108	115.4	92.4	138.6
77	42.9	33.8	50.8
79	43.0	33.1	49.7

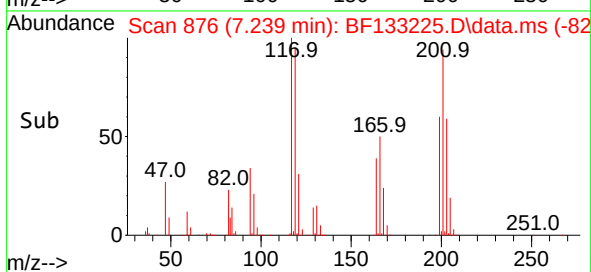
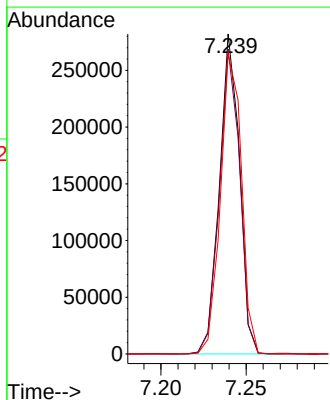
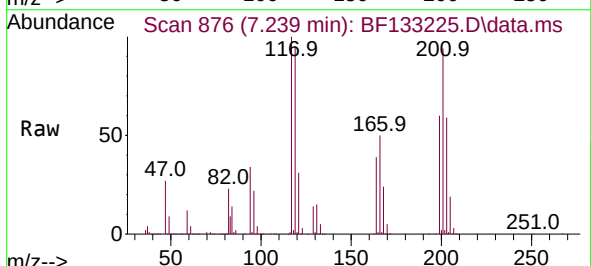
Manual Integrations
APPROVED

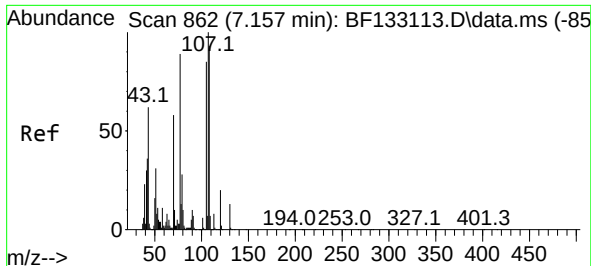
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#18
Hexachloroethane
Concen: 47.213 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:	117	Resp:	231015
Ion Ratio	Lower	Upper	
117	100		
119	95.2	78.2	117.4
201	93.7	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.406 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

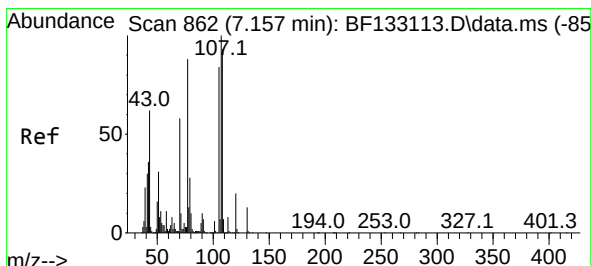
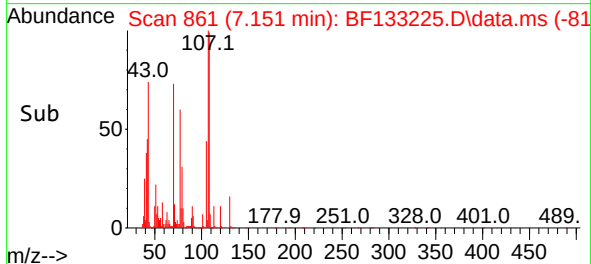
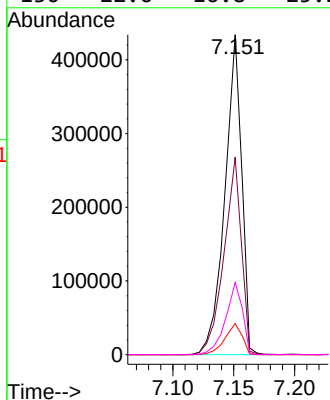
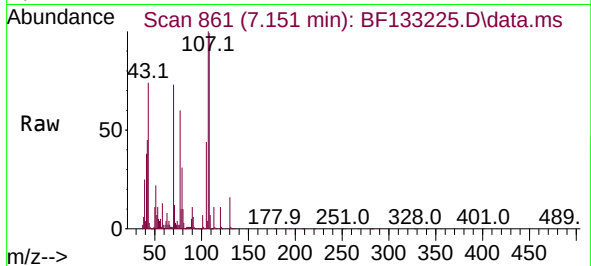
ClientSampleId :

PB152560BS

Tgt Ion: 70 Resp: 416219
Ion Ratio Lower Upper
70 100
42 61.7 51.8 77.6
101 9.7 8.0 12.0
130 22.6 16.8 25.2

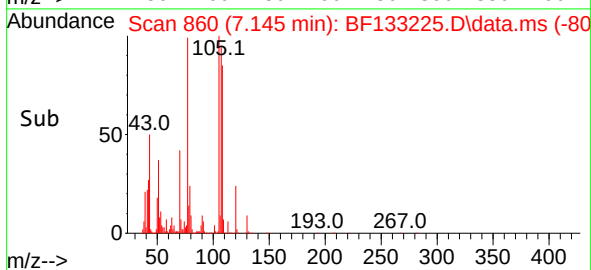
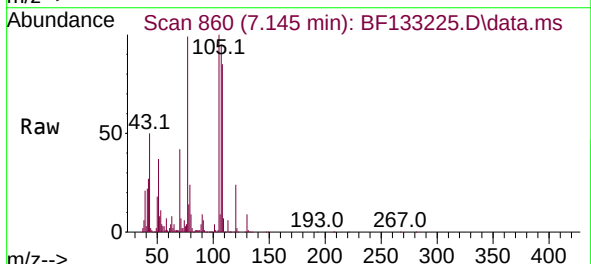
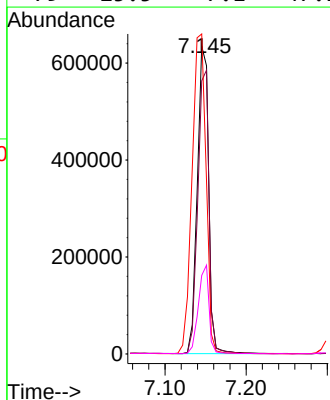
Manual Integrations
APPROVED

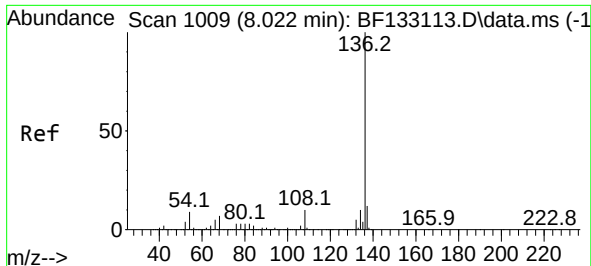
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#20
3+4-Methylphenols
Concen: 43.277 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:107 Resp: 616402
Ion Ratio Lower Upper
107 100
108 88.7 70.5 110.5
77 103.9 91.7 131.7
79 25.5 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: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

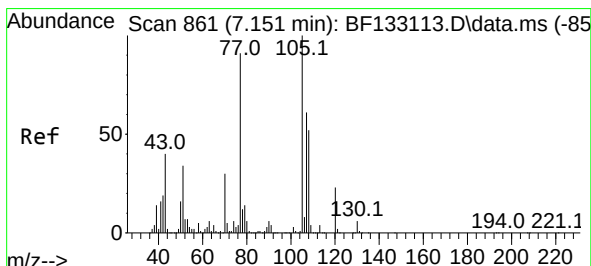
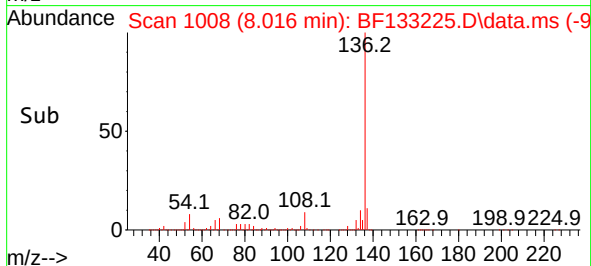
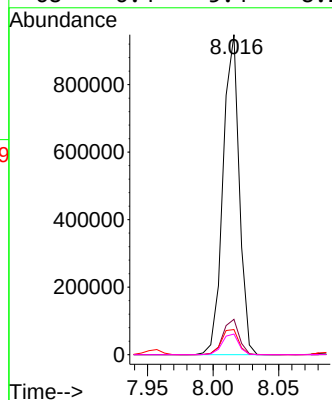
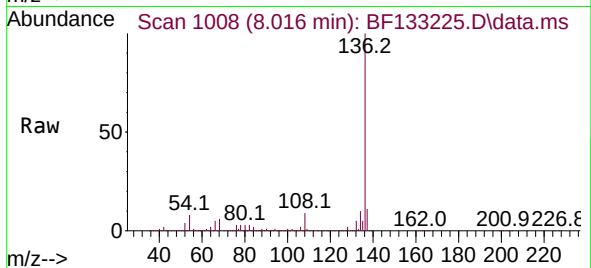
PB152560BS

Tgt Ion:136 Resp: 813125
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.8 7.0 10.4
68 6.4 5.4 8.2

Manual Integrations

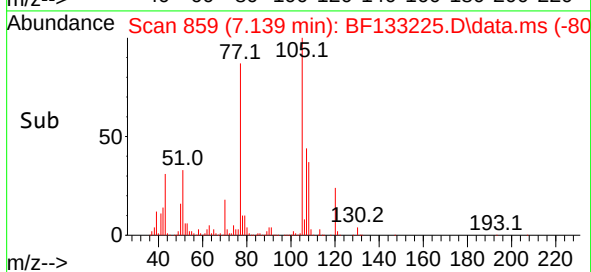
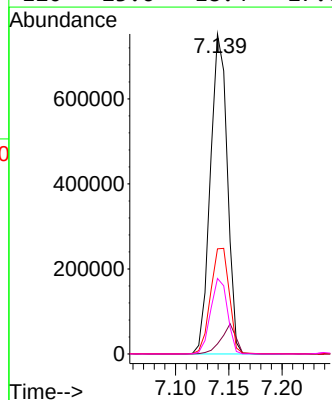
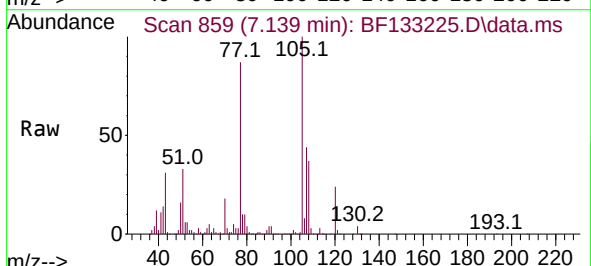
APPROVED

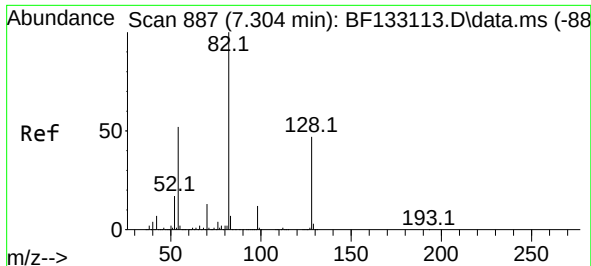
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#22
Acetophenone
Concen: 44.121 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:105 Resp: 831061
Ion Ratio Lower Upper
105 100
71 3.1 4.6 7.0#
51 32.9 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 68.971 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion: 82 Resp: 1039000

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

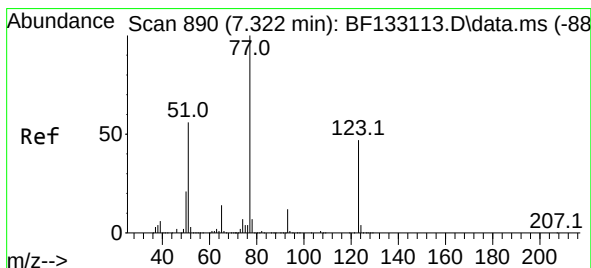
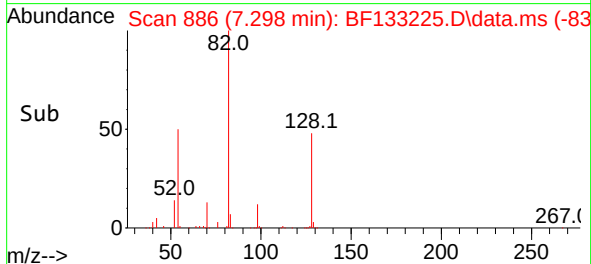
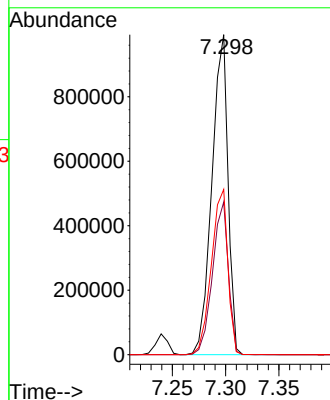
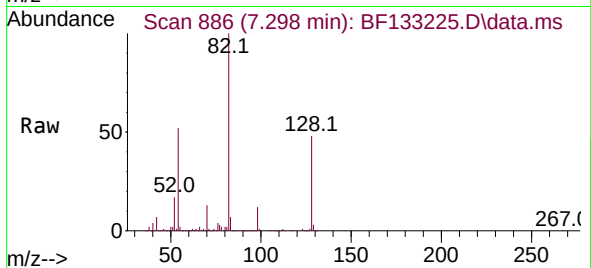
54 51.7 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#24

Nitrobenzene

Concen: 41.737 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

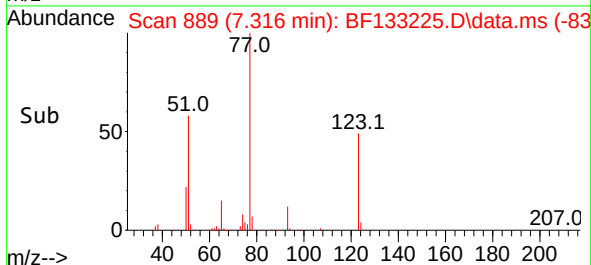
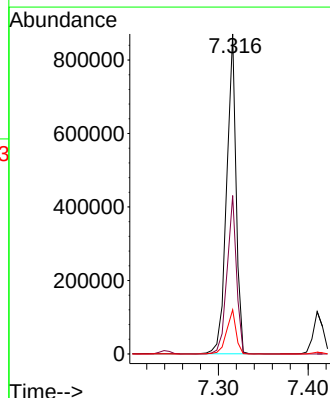
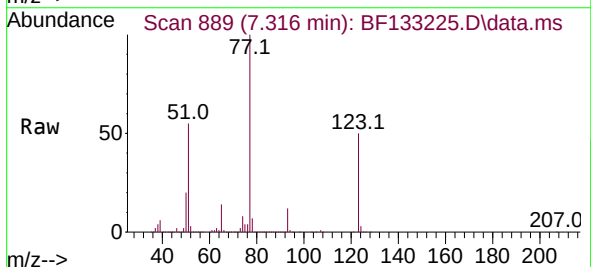
Tgt Ion: 77 Resp: 637119

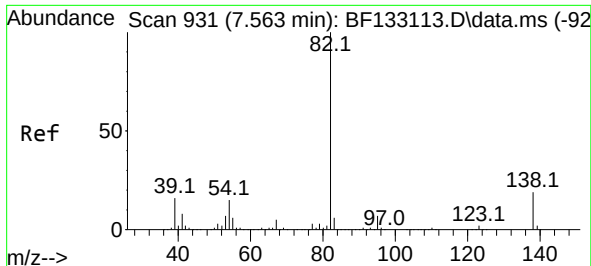
Ion Ratio Lower Upper

77 100

123 49.5 39.9 59.9

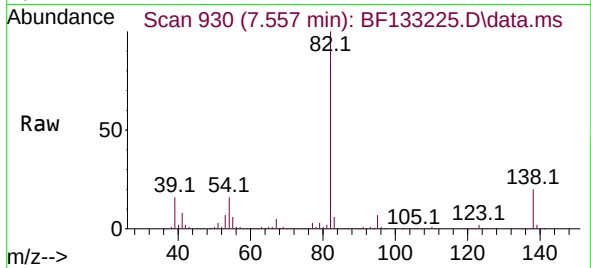
65 13.8 10.7 16.1





#25
Isophorone
Concen: 43.200 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

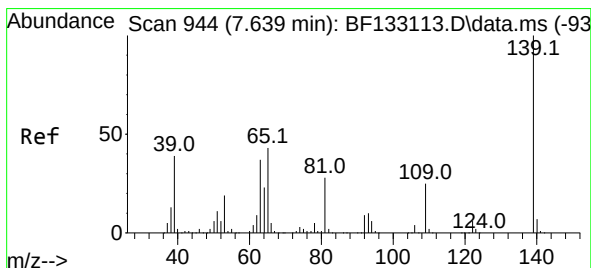
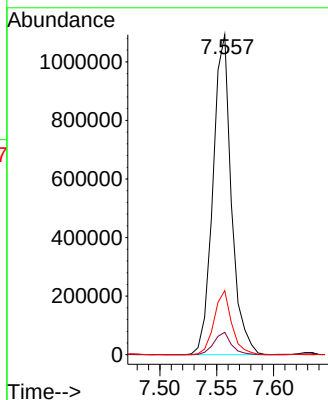
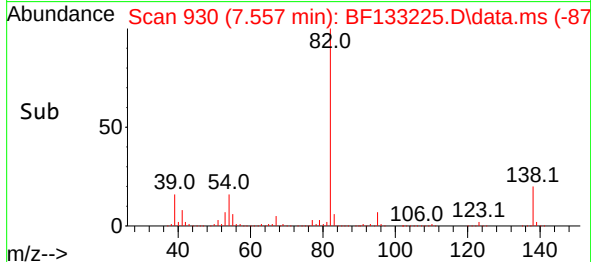
Instrument :
BNA_F
ClientSampleId :
PB152560BS



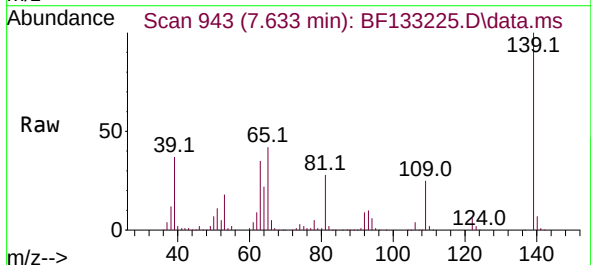
Tgt Ion: 82 Resp: 123559
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.0 16.0 24.0

Manual Integrations
APPROVED

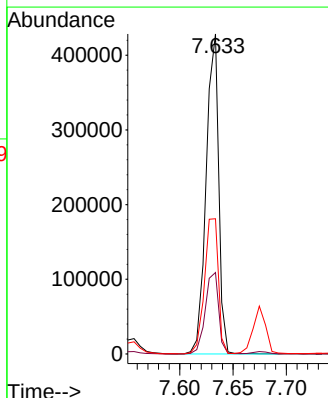
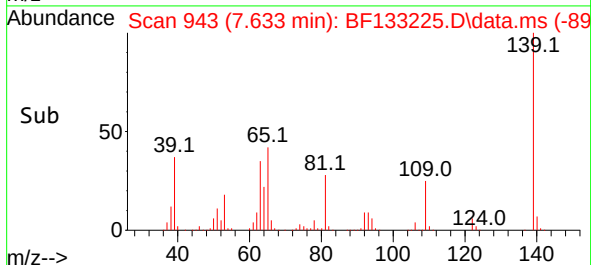
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

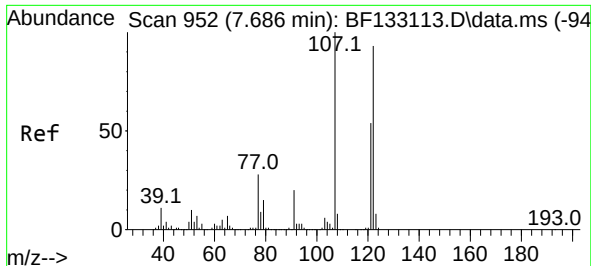


#26
2-Nitrophenol
Concen: 47.916 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:139 Resp: 352795
Ion Ratio Lower Upper
139 100
109 25.4 21.6 32.4
65 42.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 46.721 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133225.D

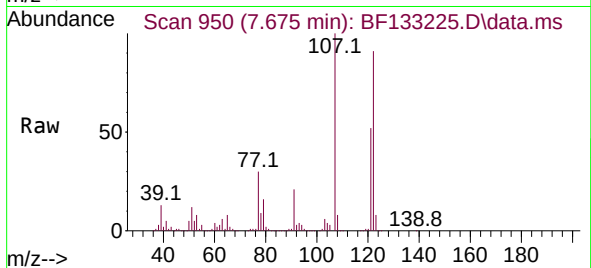
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS



Tgt Ion:122 Resp: 58986

Ion Ratio Lower Upper

122 100

107 110.2 89.7 134.5

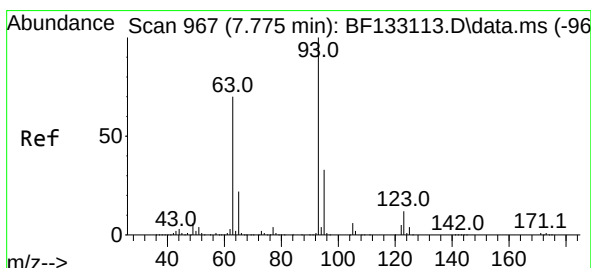
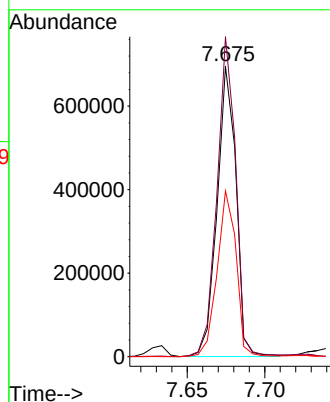
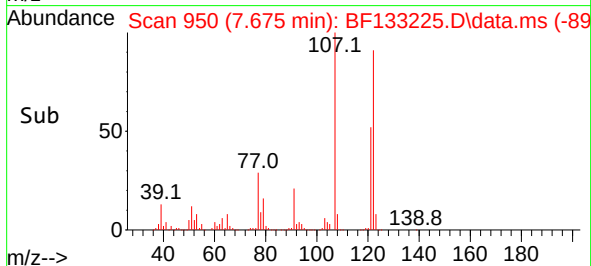
121 57.1 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.069 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

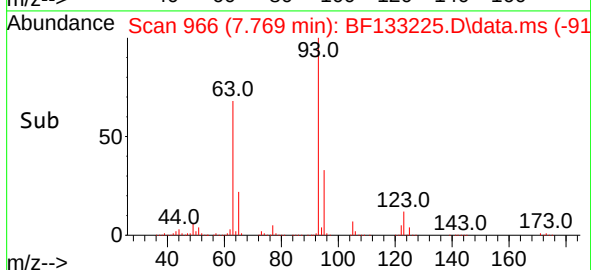
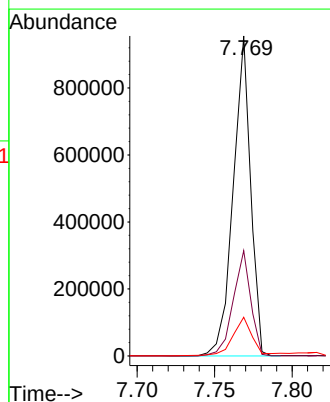
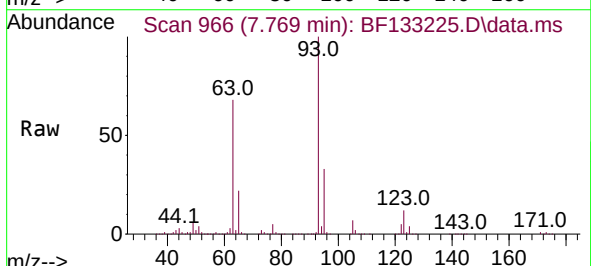
Tgt Ion: 93 Resp: 745677

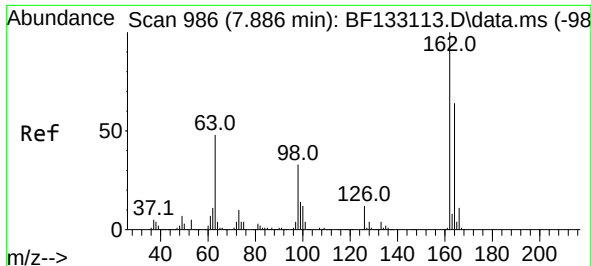
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 46.337 ng

RT: 7.875 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion:162 Resp: 532560

Ion Ratio Lower Upper

162 100

164 65.2 43.9 83.9

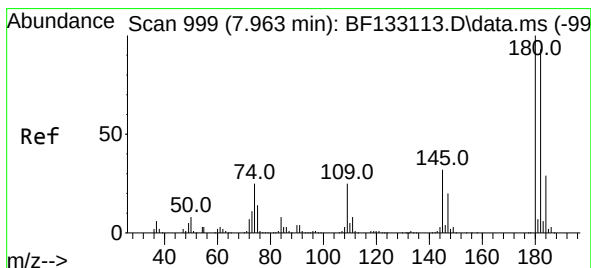
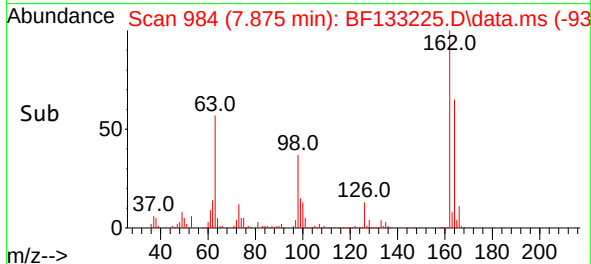
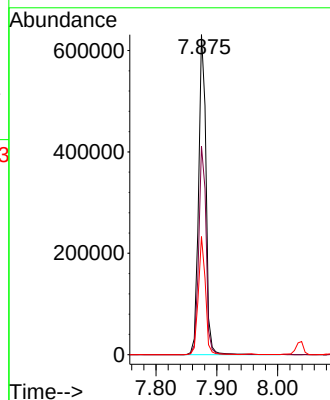
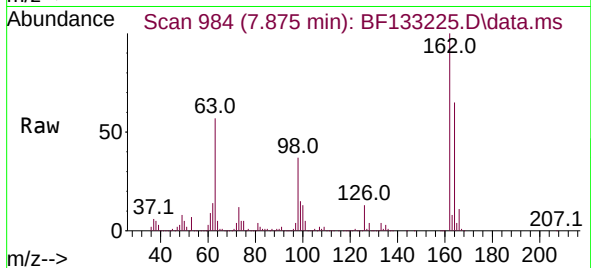
98 36.9 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.265 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

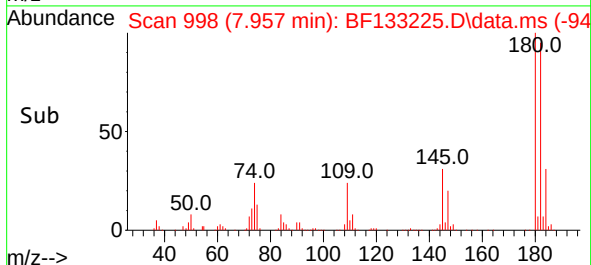
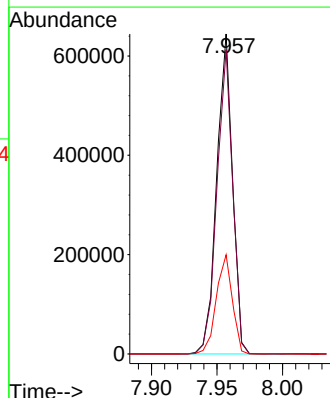
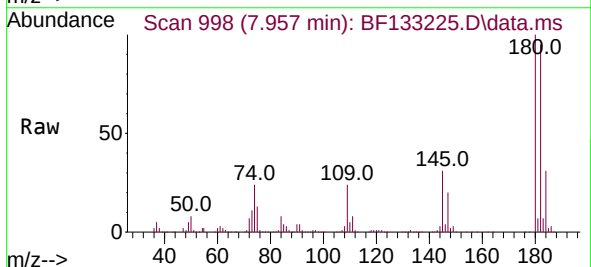
Tgt Ion:180 Resp: 538970

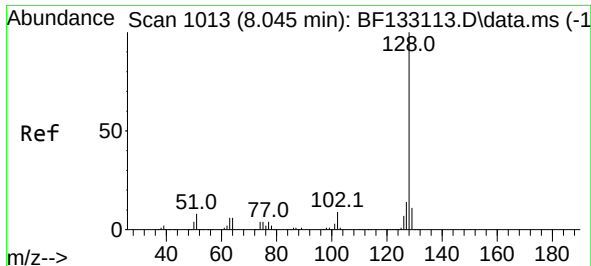
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 31.0 25.3 37.9





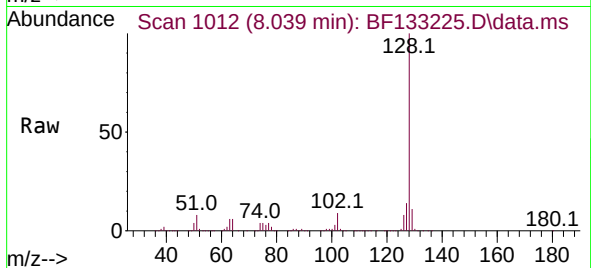
#31
Naphthalene
Concen: 43.079 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

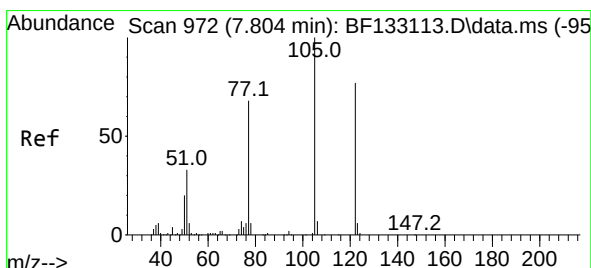
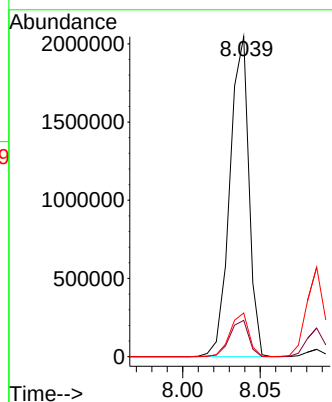
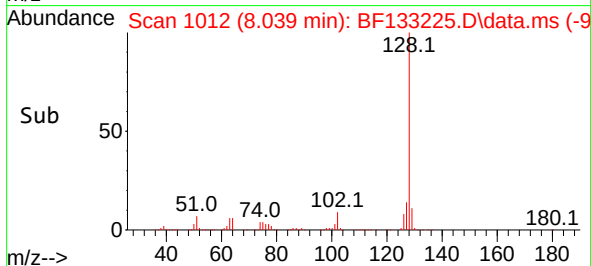


Tgt Ion:128 Resp: 1751330
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.7 16.1

Manual Integrations

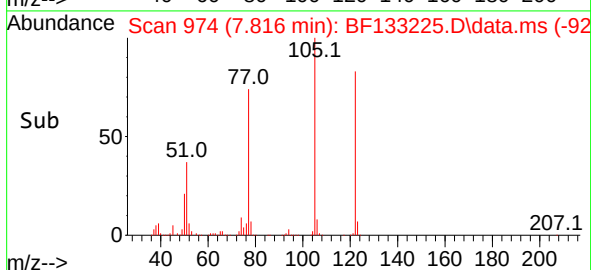
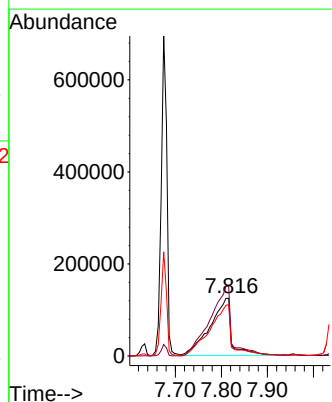
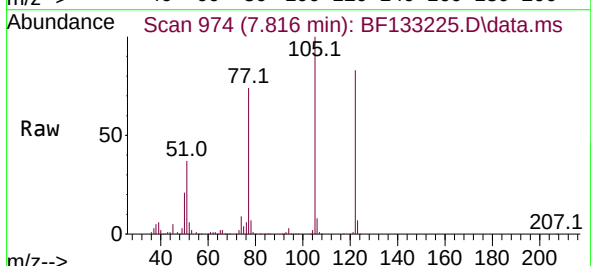
APPROVED

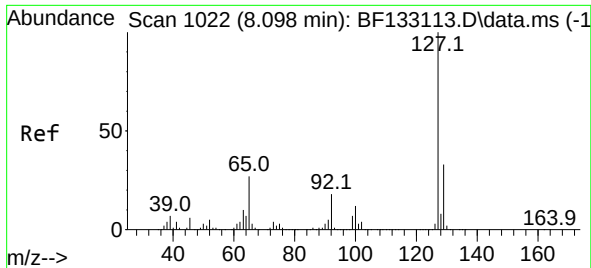
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#32
Benzoic acid
Concen: 52.364 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:122 Resp: 408357
Ion Ratio Lower Upper
122 100
105 120.6 104.2 144.2
77 89.1 69.7 109.7





#33
4-Chloroaniline
Concen: 31.810 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

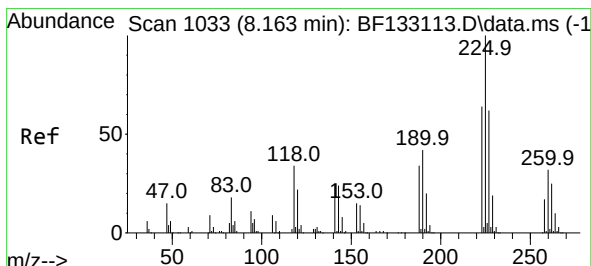
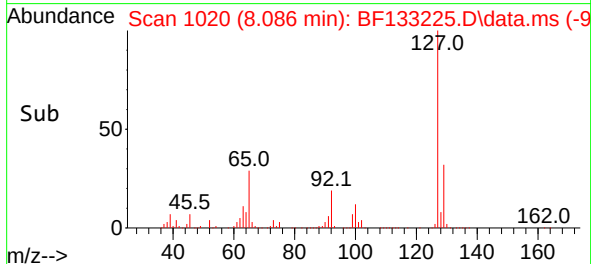
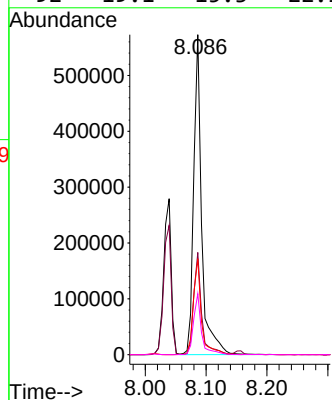
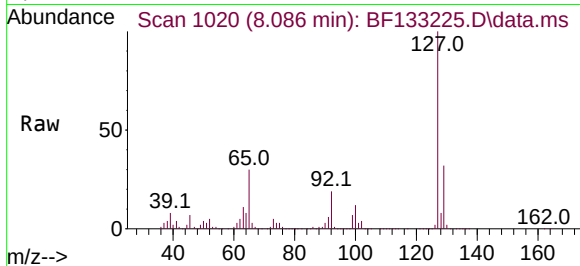
PB152560BS

Tgt Ion:127 Resp: 52250
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 30.0 23.6 35.4
92 19.1 15.3 22.9

Manual Integrations

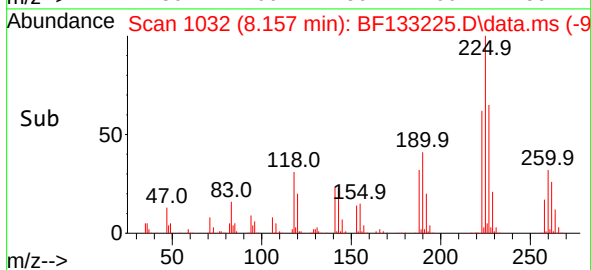
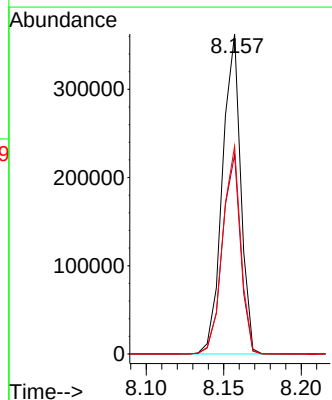
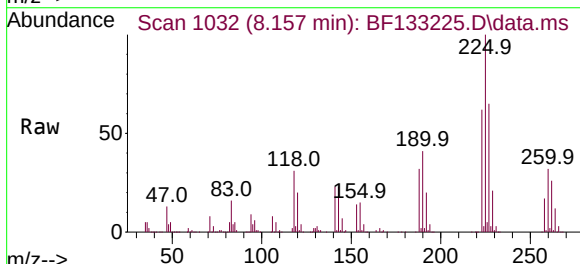
APPROVED

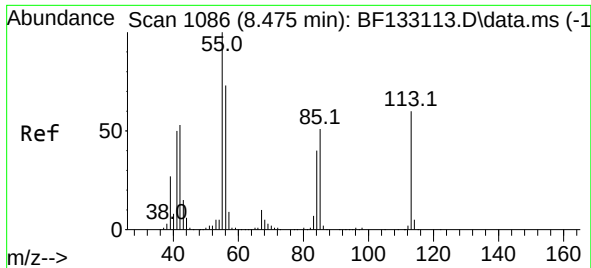
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#34
Hexachlorobutadiene
Concen: 45.081 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

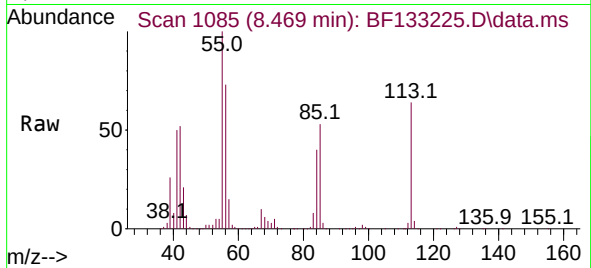
Tgt Ion:225 Resp: 297505
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 64.9 50.3 75.5





#35
 Caprolactam
 Concen: 52.839 ng m
 RT: 8.469 min Scan# 1086
 Delta R.T. 0.006 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

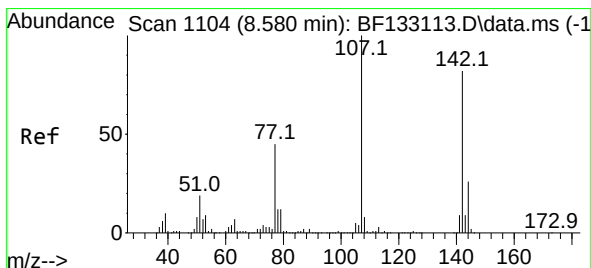
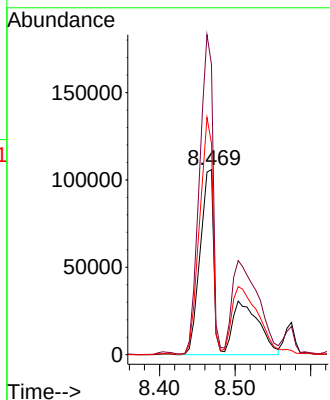
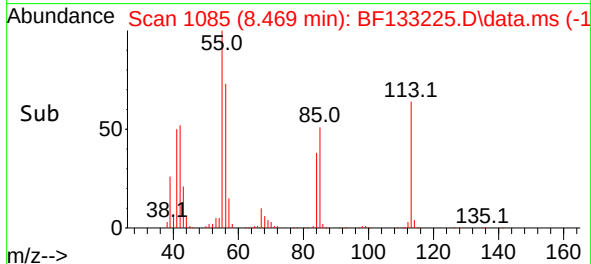
Instrument :
 BNA_F
 ClientSampleId :
 PB152560BS



Tgt Ion:113 Resp: 20401
 Ion Ratio Lower Upper
 113 100
 55 156.7 167.1 207.1
 56 114.2 114.5 154.5

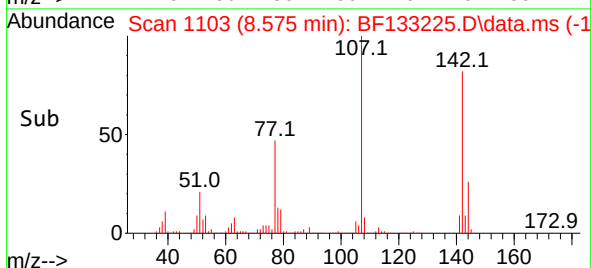
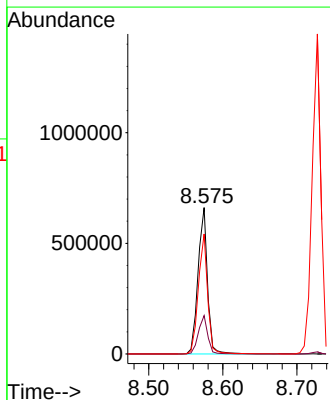
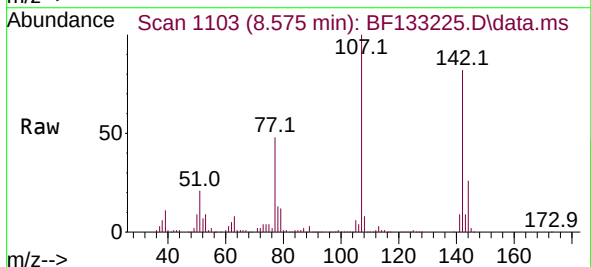
Manual Integrations
 APPROVED

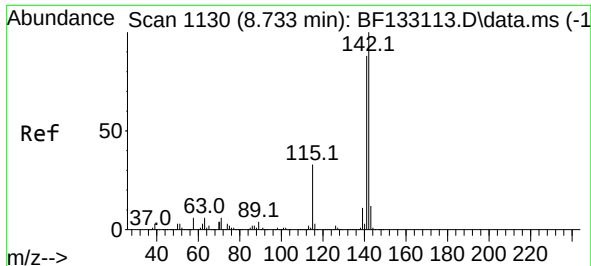
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.265 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Tgt Ion:107 Resp: 585804
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 82.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.231 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion:142 Resp: 117376

Ion Ratio Lower Upper

142 100

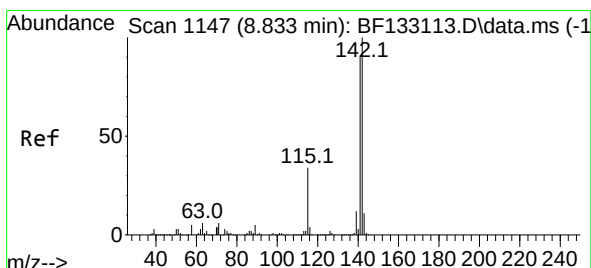
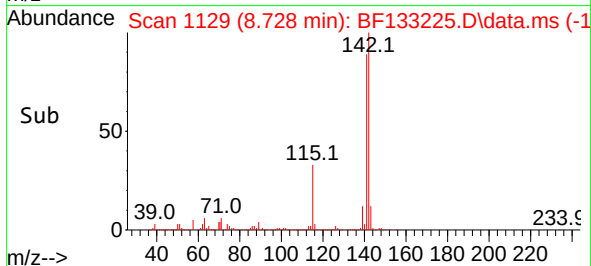
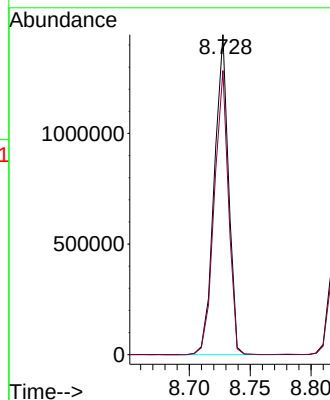
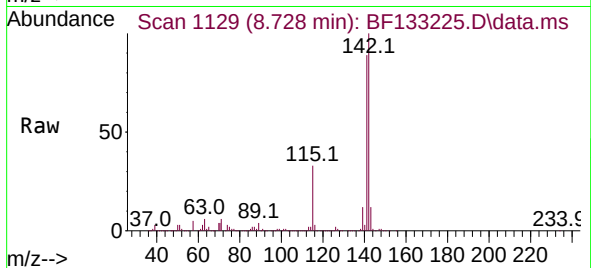
141 88.8 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#38

1-Methylnaphthalene

Concen: 42.811 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133225.D

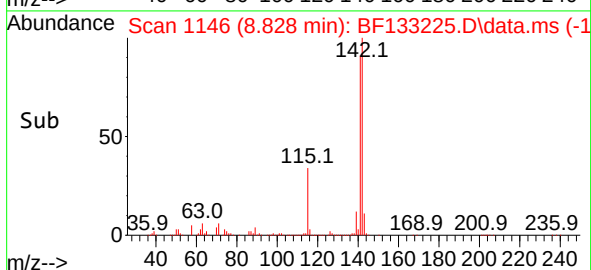
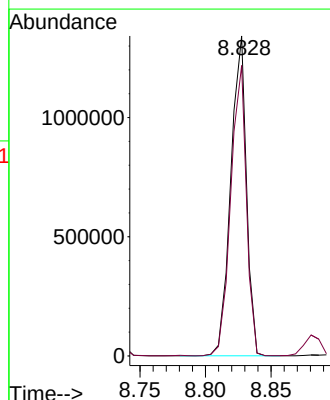
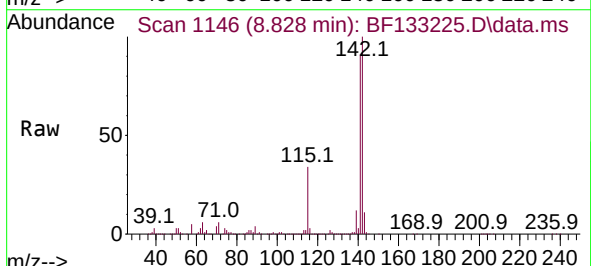
Acq: 04 May 2023 11:38

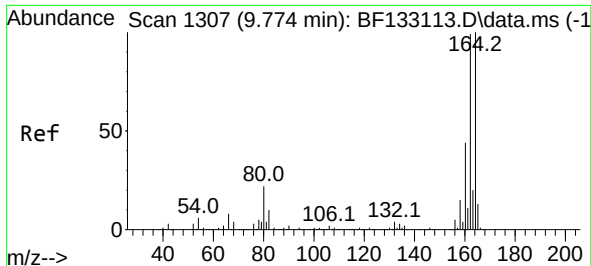
Tgt Ion:142 Resp: 1113123

Ion Ratio Lower Upper

142 100

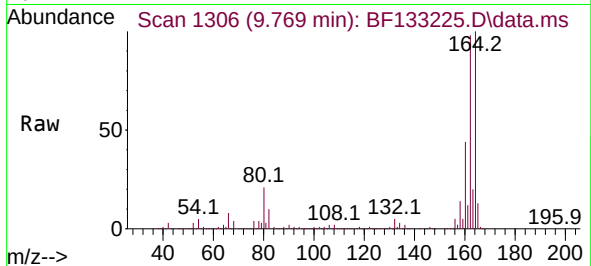
141 90.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

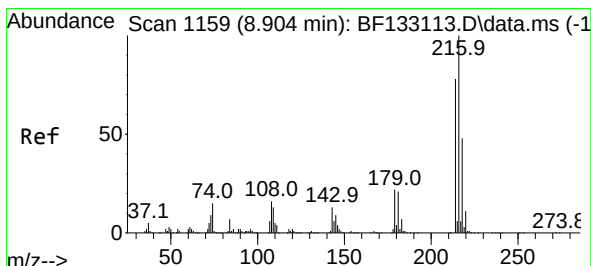
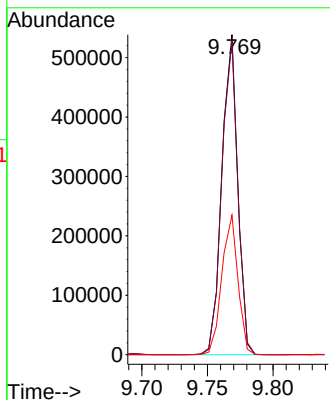
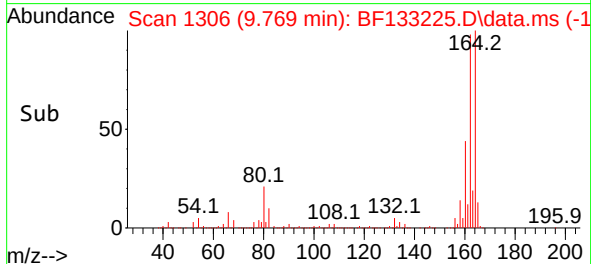
Instrument :
BNA_F
ClientSampleId :
PB152560BS



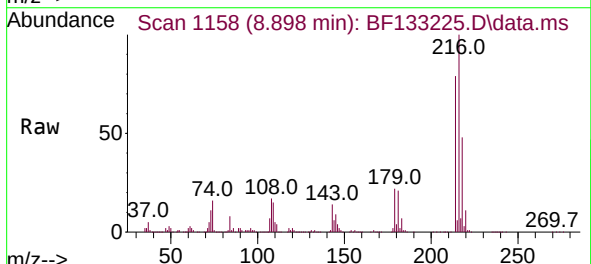
Tgt Ion:164 Resp: 45104
Ion Ratio Lower Upper
164 100
162 98.2 78.7 118.1
160 43.6 35.8 53.6

Manual Integrations
APPROVED

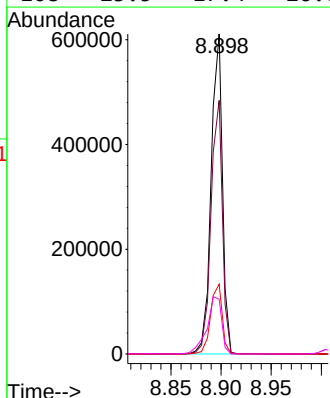
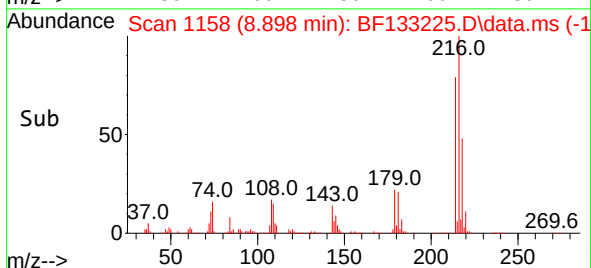
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

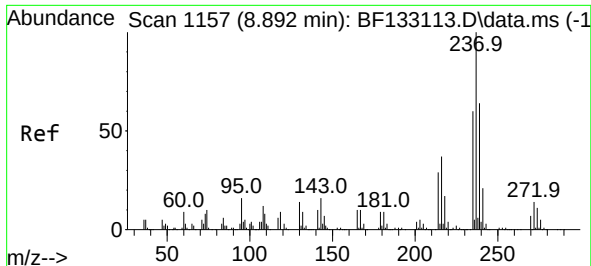


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.541 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



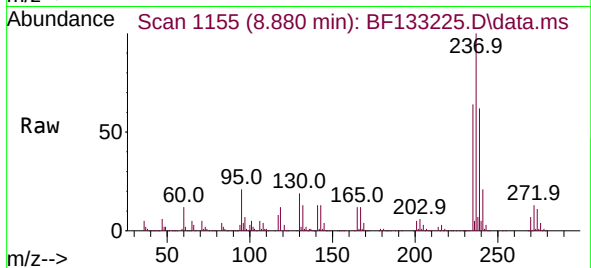
Tgt Ion:216 Resp: 479525
Ion Ratio Lower Upper
216 100
214 80.2 63.5 95.3
179 22.4 17.4 26.2
108 23.5 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 88.554 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

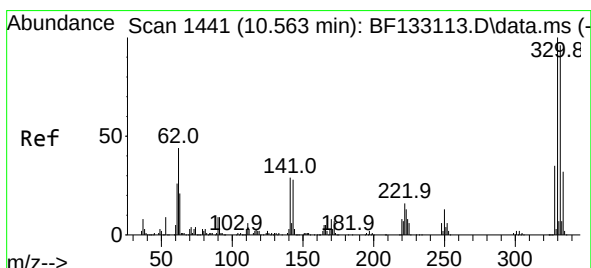
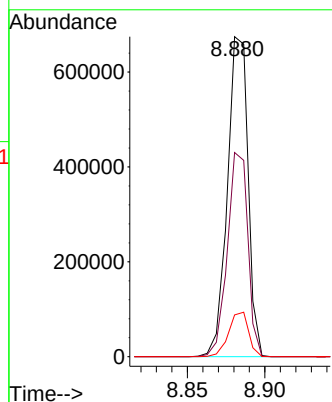
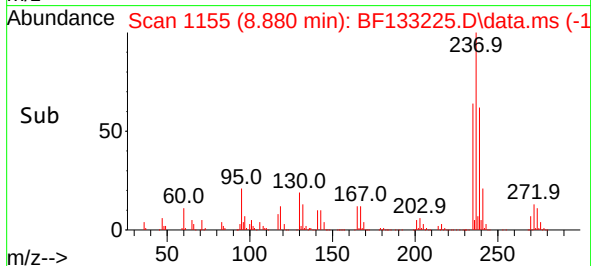
Instrument :
BNA_F
ClientSampleId :
PB152560BS



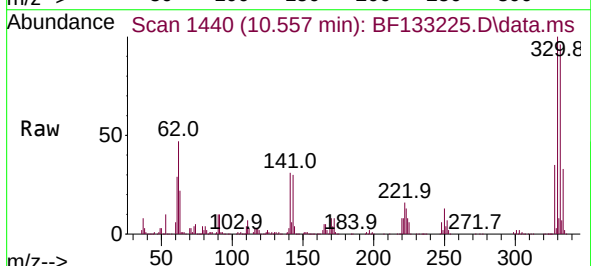
Tgt Ion:237 Resp: 626310
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 13.0 0.0 32.7

Manual Integrations
APPROVED

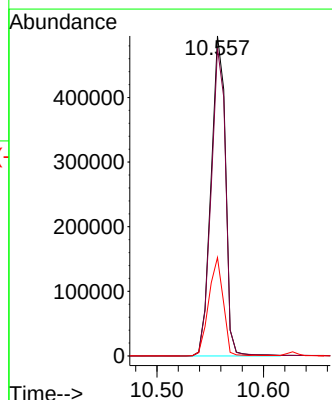
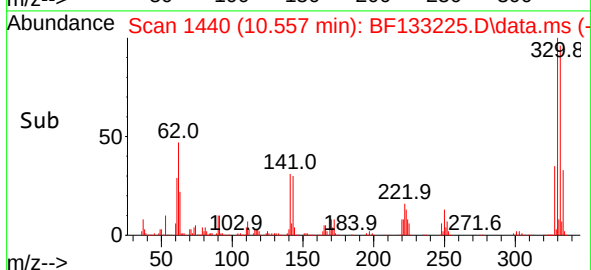
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

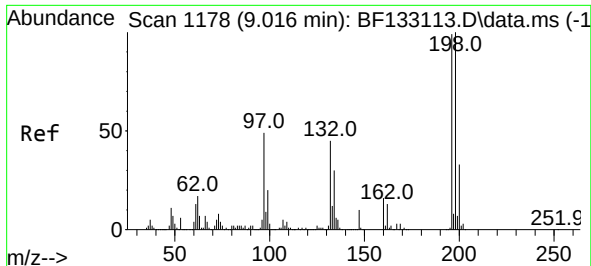


#42
2,4,6-Tribromophenol
Concen: 102.847 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:330 Resp: 466527
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.1 25.8 38.8





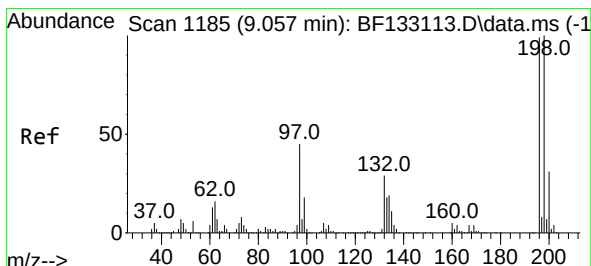
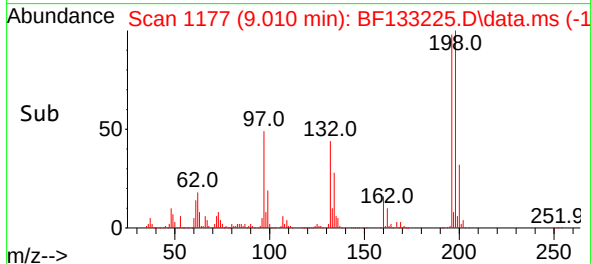
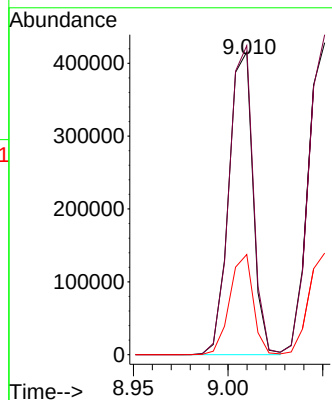
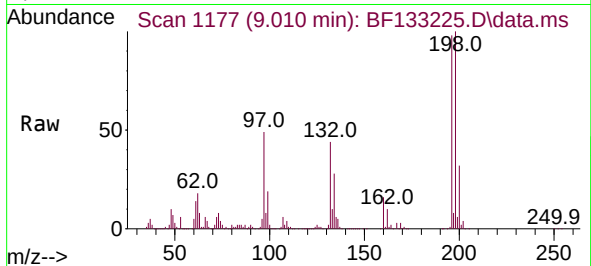
#43
2,4,6-Trichlorophenol
Concen: 43.909 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Tgt Ion:196 Resp: 368260
Ion Ratio Lower Upper
196 100
198 102.1 81.0 121.6
200 33.1 26.1 39.1

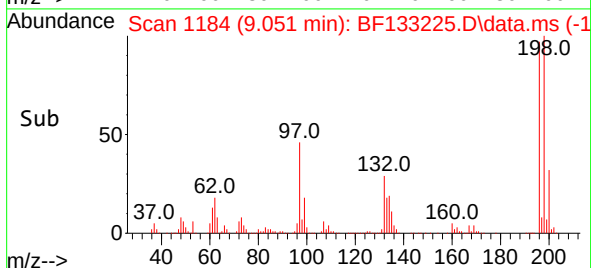
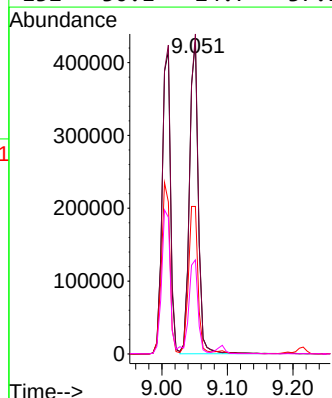
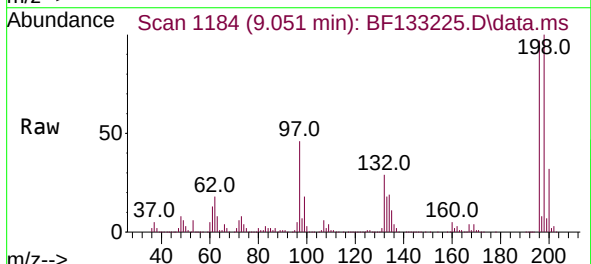
Manual Integrations
APPROVED

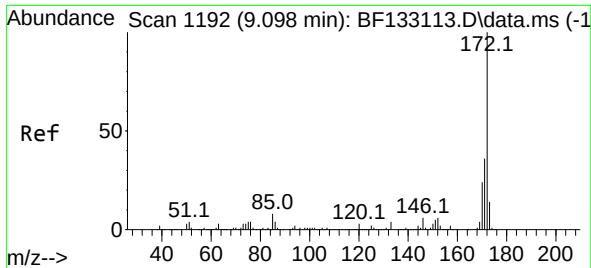
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#44
2,4,5-Trichlorophenol
Concen: 41.143 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:196 Resp: 399077
Ion Ratio Lower Upper
196 100
198 102.6 80.9 121.3
97 47.3 41.3 61.9
132 30.1 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 68.348 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

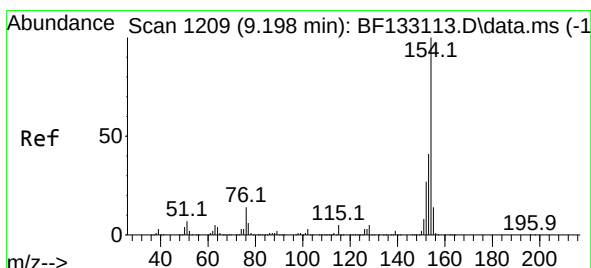
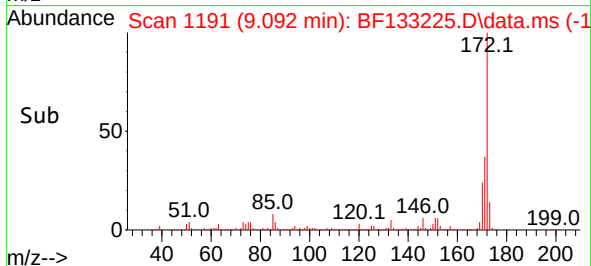
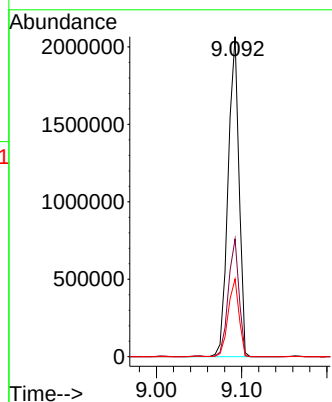
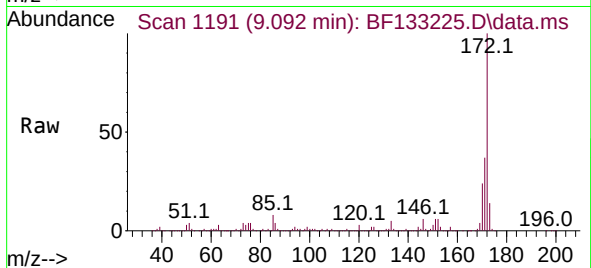
PB152560BS

Tgt Ion:172 Resp: 1842685
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.3 19.4 29.2

Manual Integrations

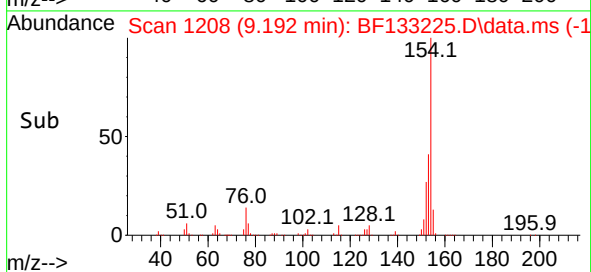
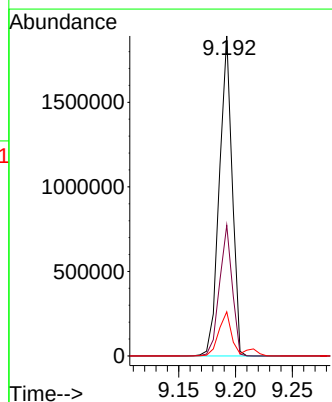
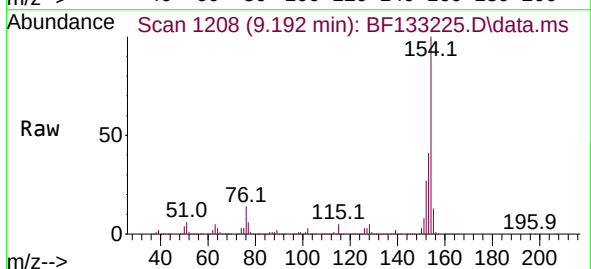
APPROVED

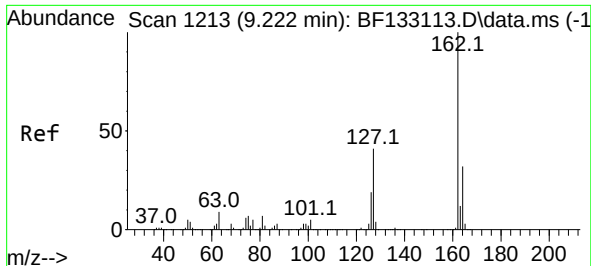
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#46
1,1'-Biphenyl
Concen: 41.530 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:154 Resp: 1485361
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 13.8 0.0 34.5





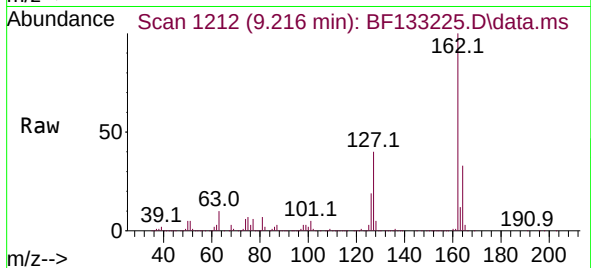
#47
2-Chloronaphthalene
Concen: 42.835 ng
RT: 9.216 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

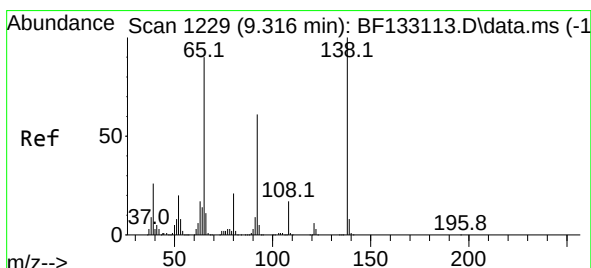
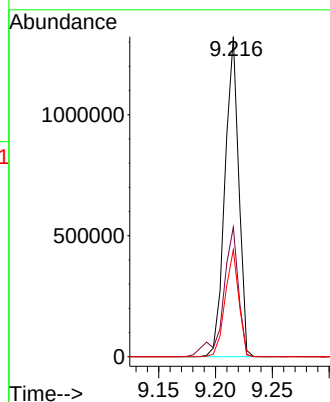
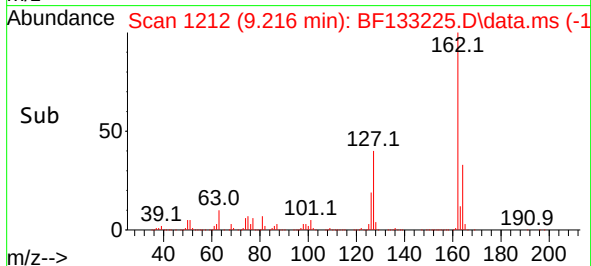


Tgt Ion:162 Resp: 1121338
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 33.4 26.8 40.2

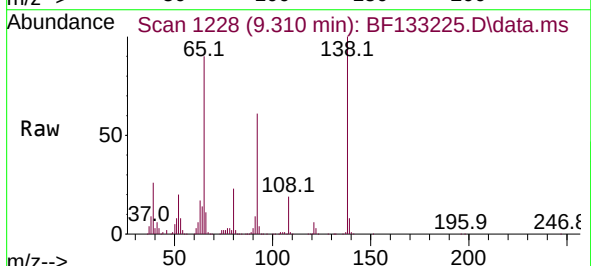
Manual Integrations

APPROVED

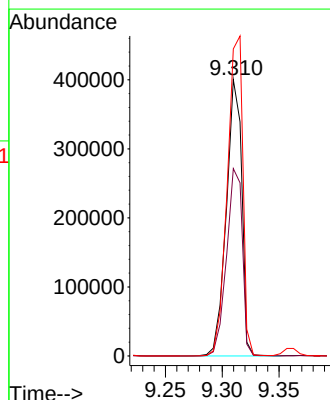
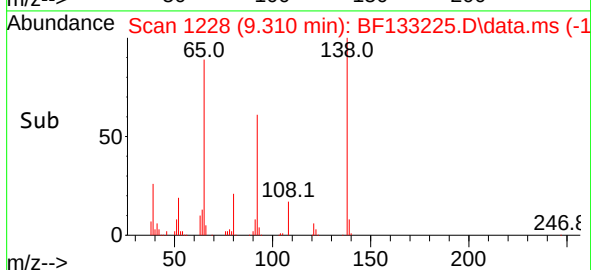
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

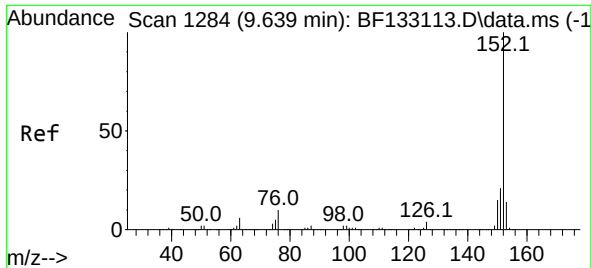


#48
2-Nitroaniline
Concen: 43.632 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion: 65 Resp: 377494
Ion Ratio Lower Upper
65 100
92 67.8 55.4 83.0
138 111.1 98.2 147.2





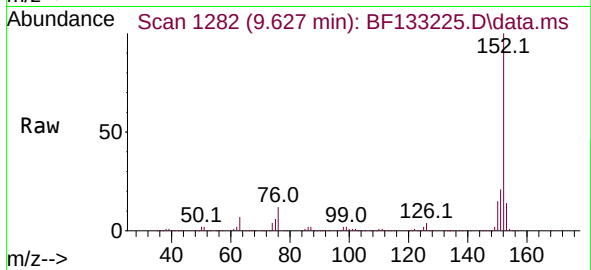
#49
Acenaphthylene
Concen: 42.281 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

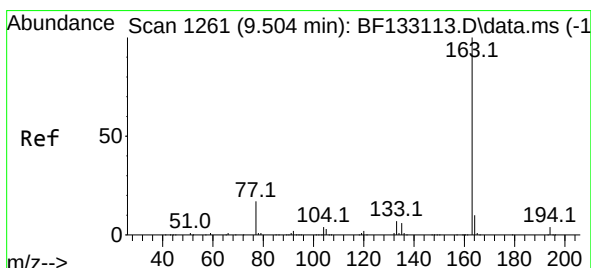
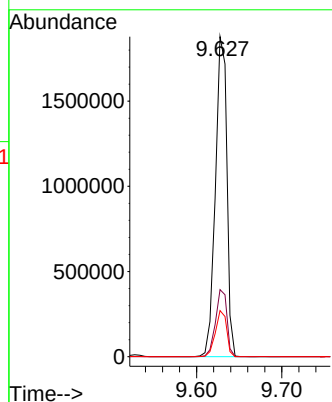
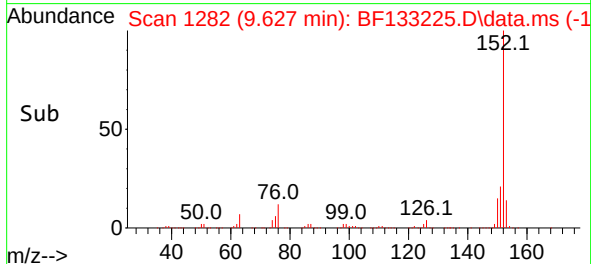


Tgt Ion:152 Resp: 1768564
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.4 11.5 17.3

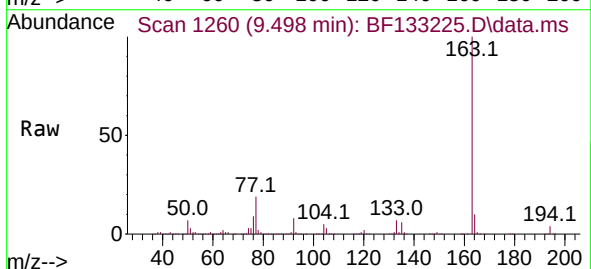
Manual Integrations

APPROVED

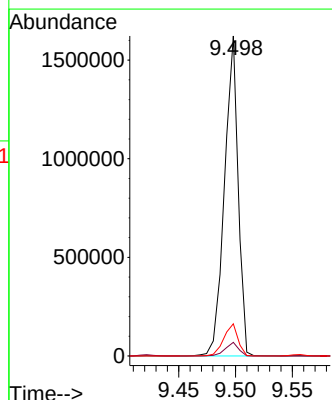
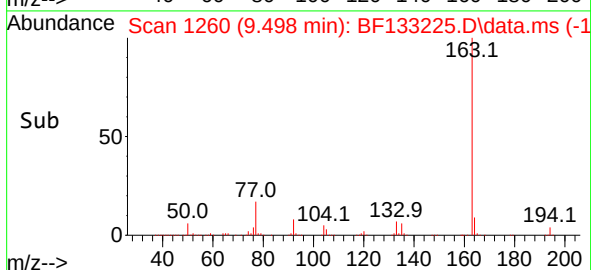
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

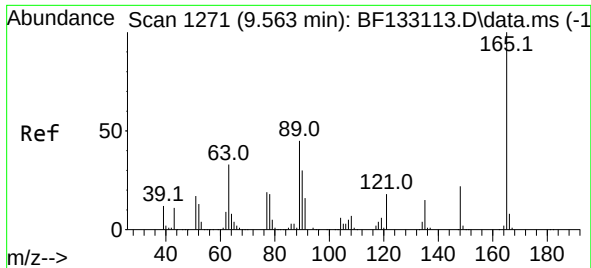


#50
Dimethylphthalate
Concen: 43.357 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:163 Resp: 1363606
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.004 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

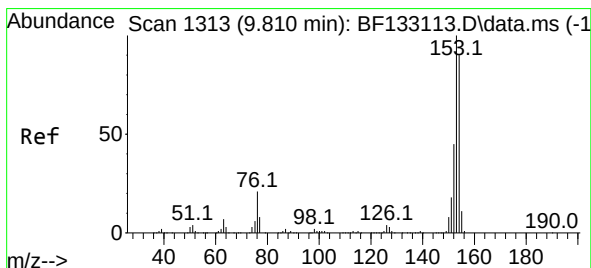
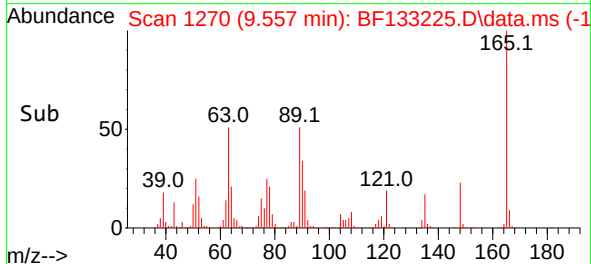
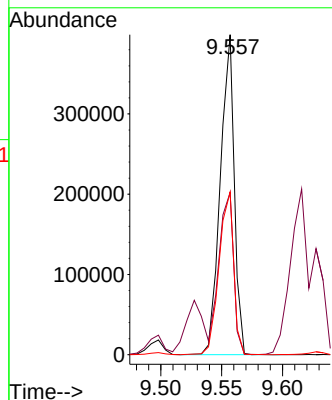
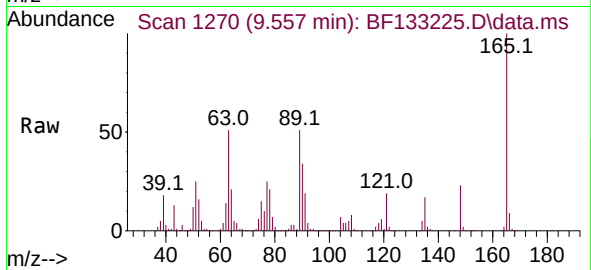
ClientSampleId :

PB152560BS

Tgt Ion:165 Resp: 31856
Ion Ratio Lower Upper
165 100
63 50.7 45.9 68.9
89 50.8 44.0 66.0

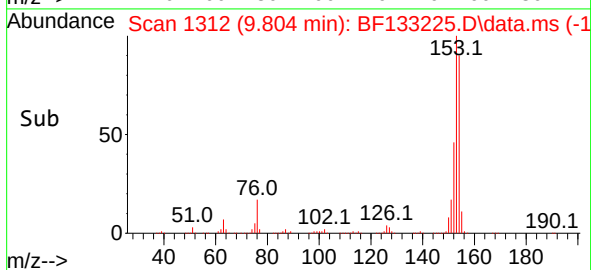
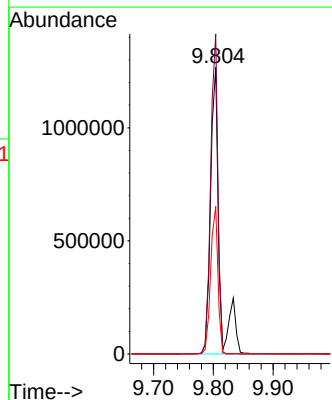
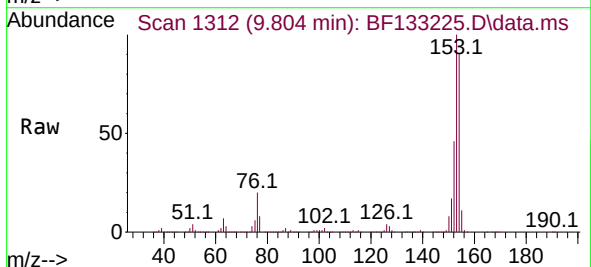
Manual Integrations
APPROVED

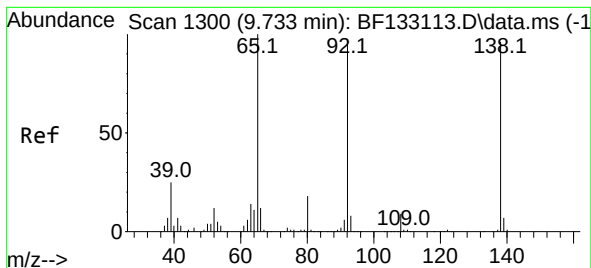
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#52
Acenaphthene
Concen: 46.049 ng m
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:154 Resp: 1290080
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 51.5 40.4 60.6





#53

3-Nitroaniline

Concen: 35.903 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF133225.D

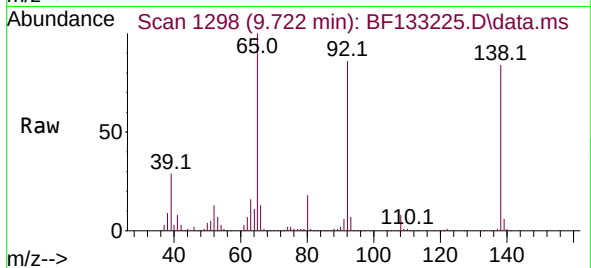
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

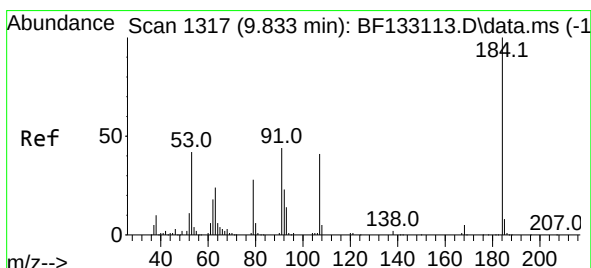
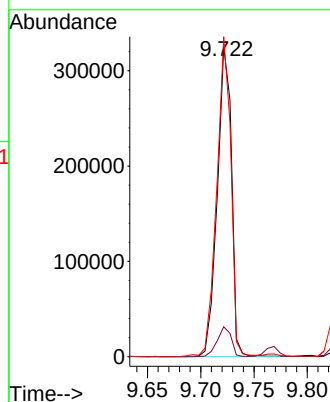
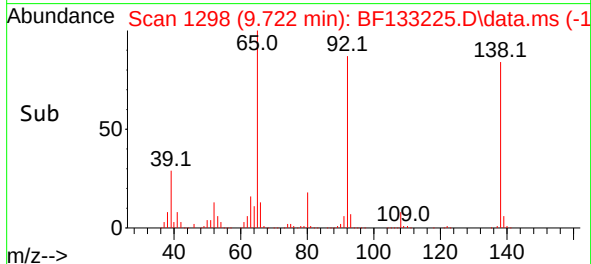


Tgt Ion:	138	Resp:	302184
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.0	12.0
92	103.2	83.6	125.4

Manual Integrations

APPROVED

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



#54

2,4-Dinitrophenol

Concen: 100.395 ng

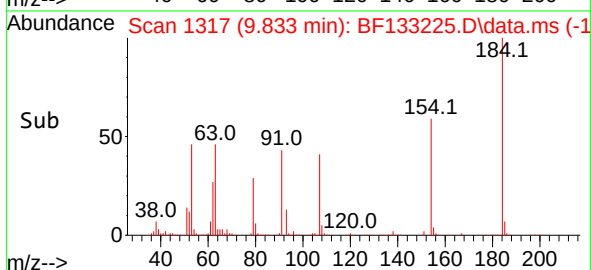
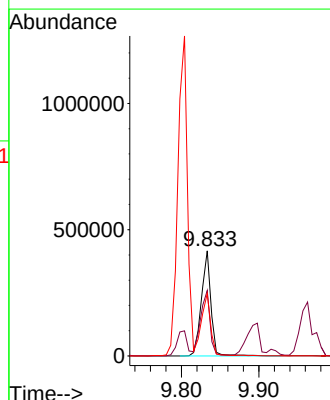
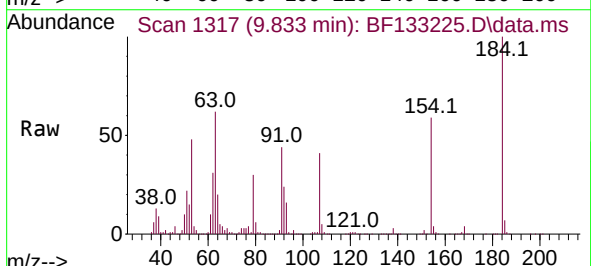
RT: 9.833 min Scan# 1317

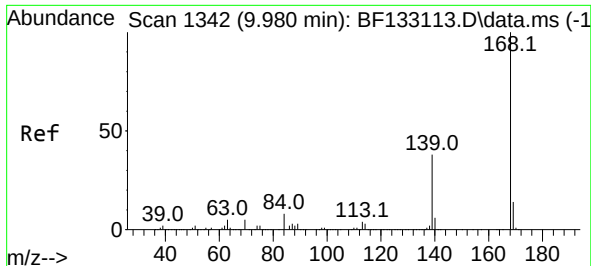
Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Tgt Ion:	184	Resp:	357217
Ion Ratio	Lower	Upper	
184	100		
63	62.2	49.8	74.8
154	59.4	49.5	74.3





#55
Dibenzenofuran
Concen: 41.483 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

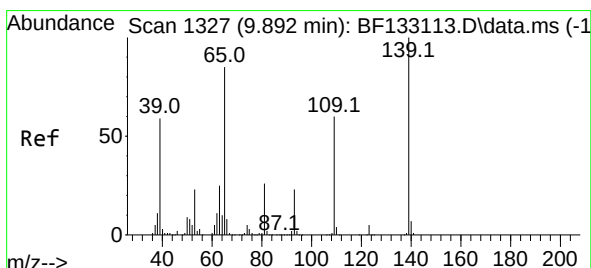
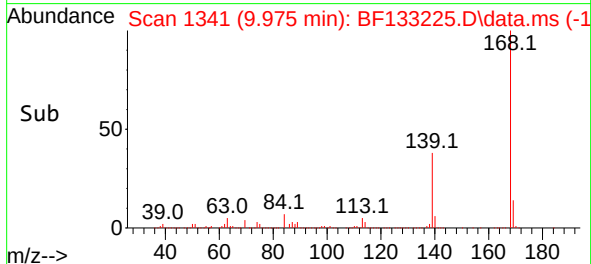
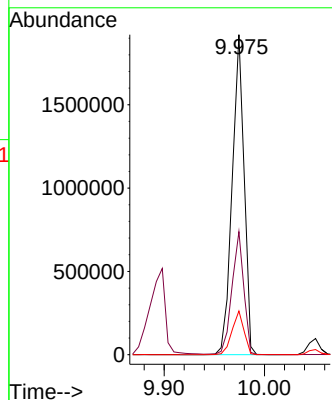
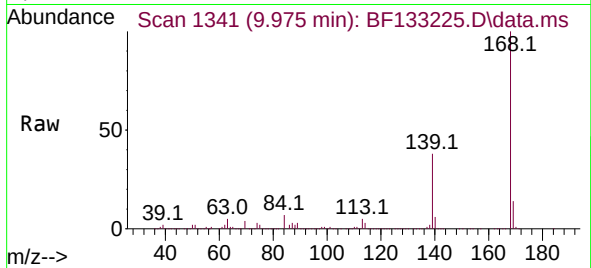
PB152560BS

Tgt Ion:168 Resp: 1585278
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.6 10.8 16.2

Manual Integrations

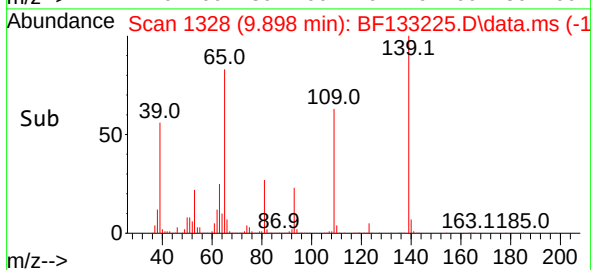
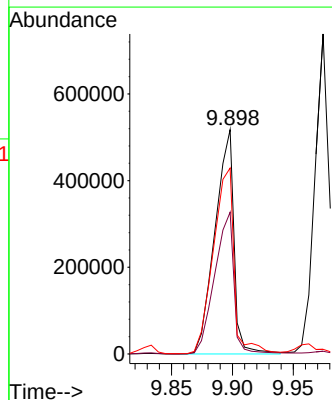
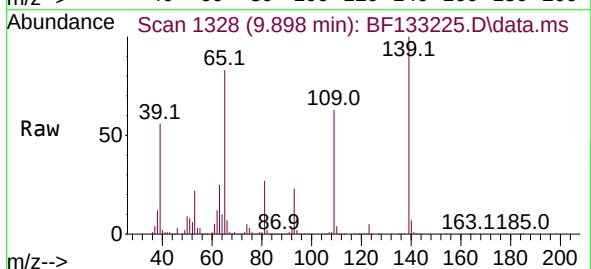
APPROVED

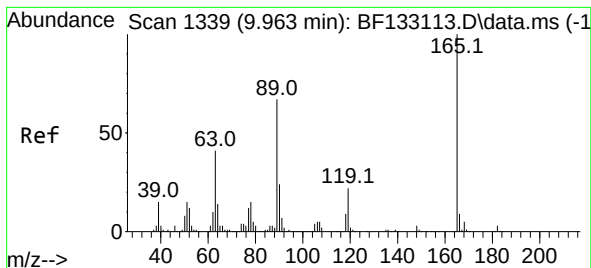
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#56
4-Nitrophenol
Concen: 86.170 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:139 Resp: 561734
Ion Ratio Lower Upper
139 100
109 63.2 39.4 79.4
65 82.9 57.5 97.5





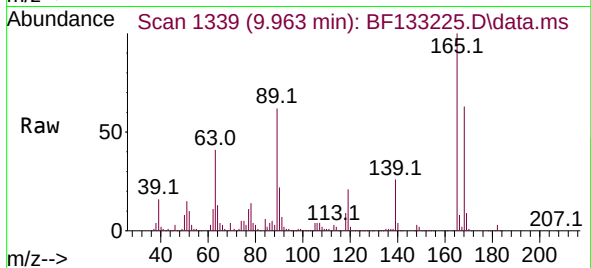
#57
2,4-Dinitrotoluene
Concen: 46.856 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

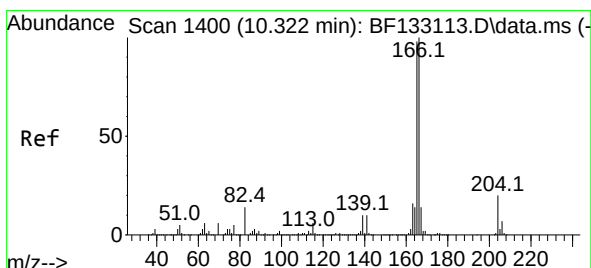
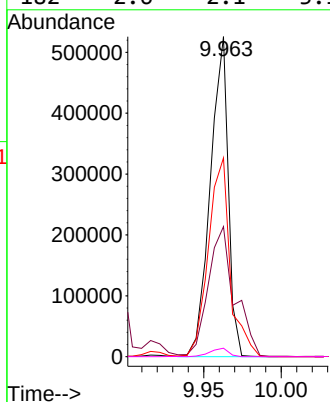
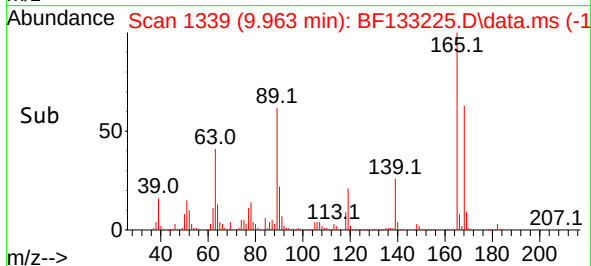


Tgt Ion:165 Resp: 422985
Ion Ratio Lower Upper
165 100
63 40.6 37.7 56.5
89 62.1 57.0 85.4
182 2.6 2.1 3.1

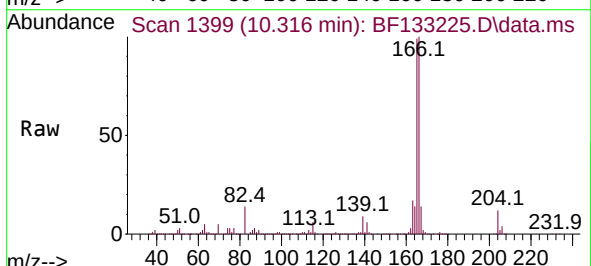
Manual Integrations

APPROVED

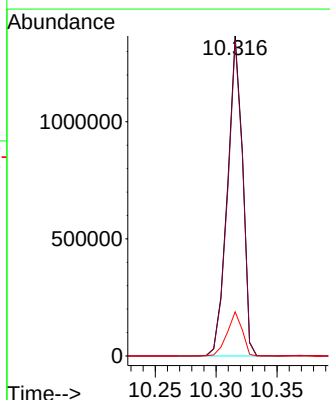
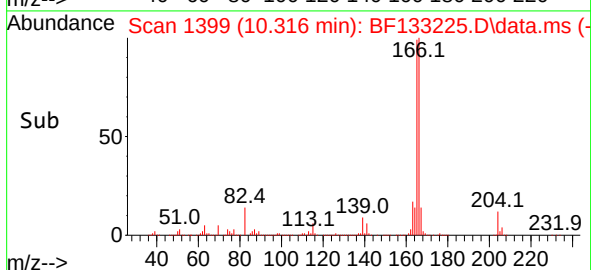
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

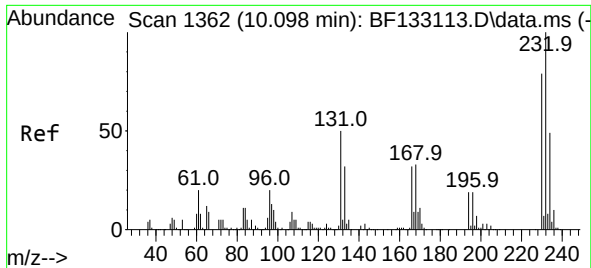


#58
Fluorene
Concen: 42.096 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



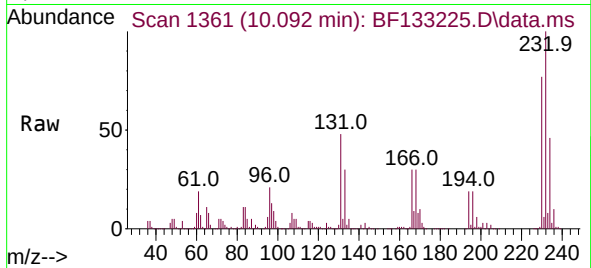
Tgt Ion:166 Resp: 1178602
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.972 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

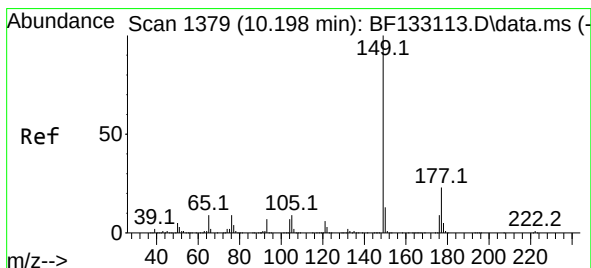
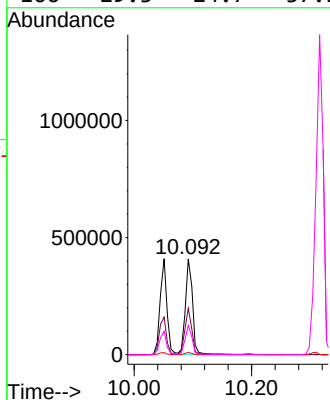
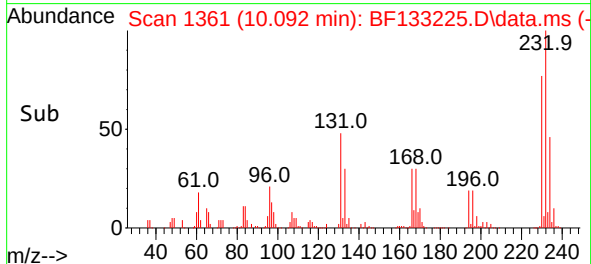
Instrument :
BNA_F
ClientSampleId :
PB152560BS



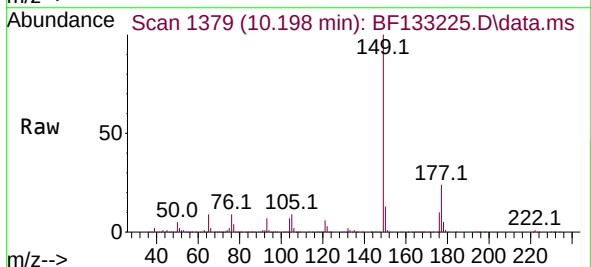
Tgt Ion:232 Resp: 34570
Ion Ratio Lower Upper
232 100
131 45.9 38.0 57.0
130 2.3 1.8 2.8
166 29.3 24.7 37.1

Manual Integrations
APPROVED

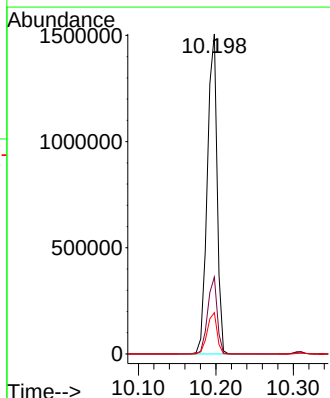
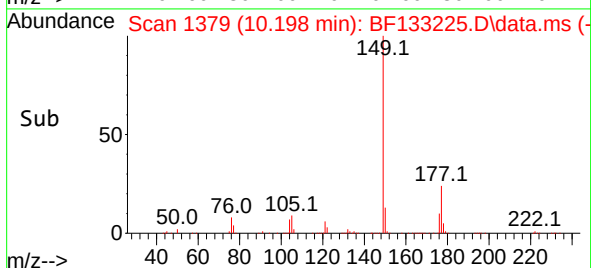
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

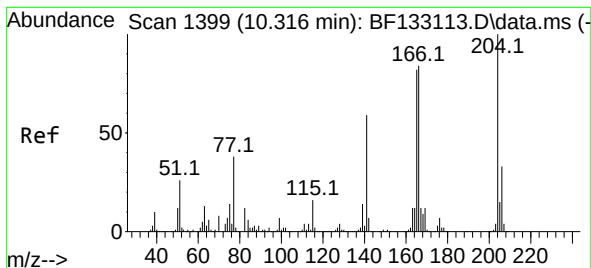


#60
Diethylphthalate
Concen: 44.423 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:149 Resp: 1319671
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.407 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

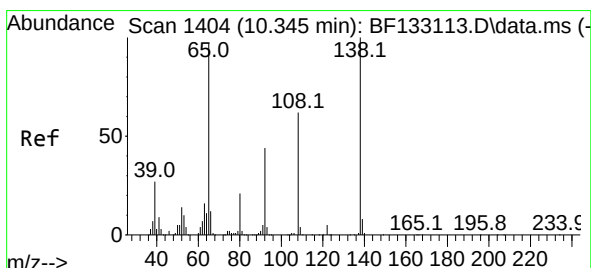
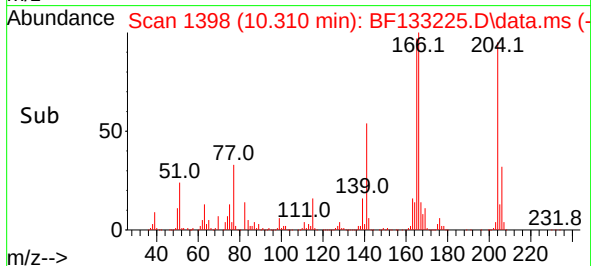
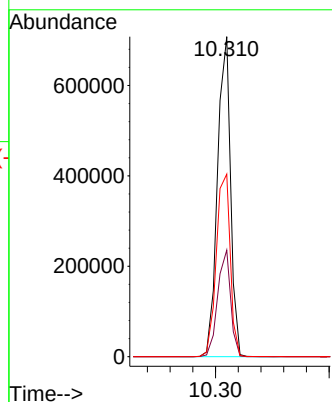
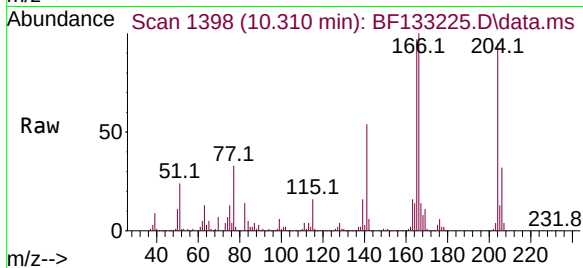
PB152560BS

Tgt Ion:204 Resp: 564960
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 57.1 46.1 69.1

Manual Integrations

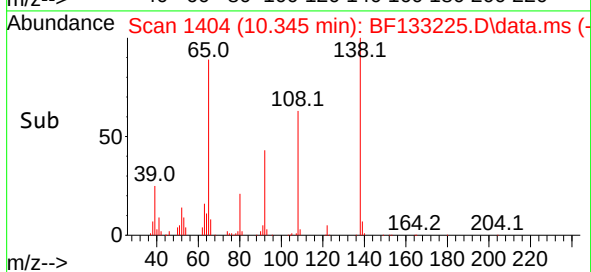
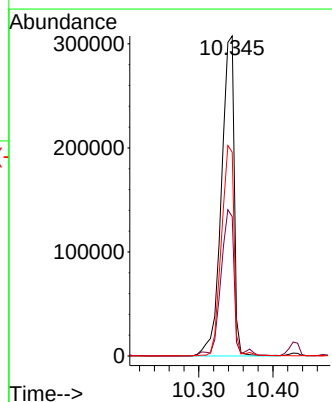
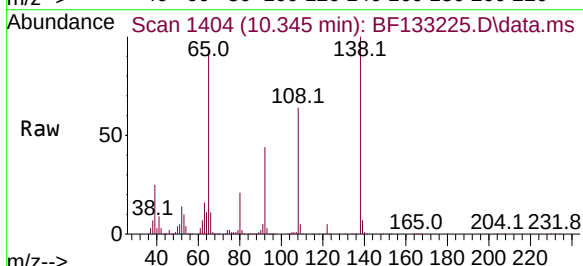
APPROVED

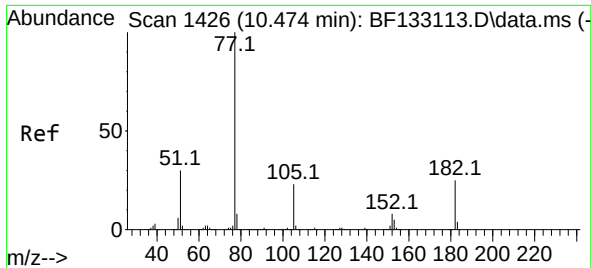
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#62
4-Nitroaniline
Concen: 47.859 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:138 Resp: 370229
Ion Ratio Lower Upper
138 100
92 43.5 27.7 67.7
108 63.7 45.2 85.2





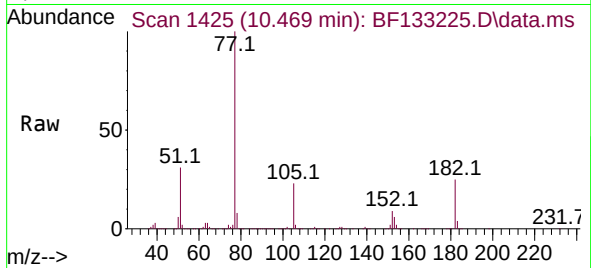
#63
Azobenzene
Concen: 41.618 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

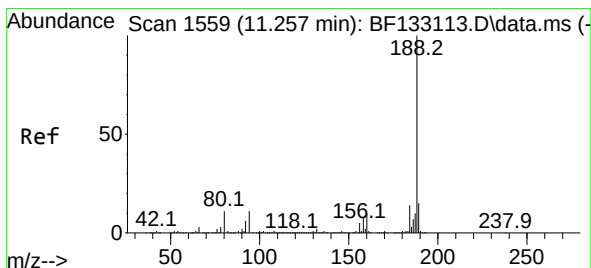
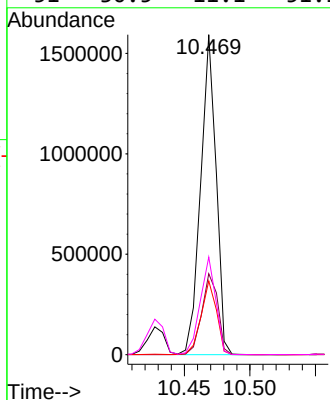
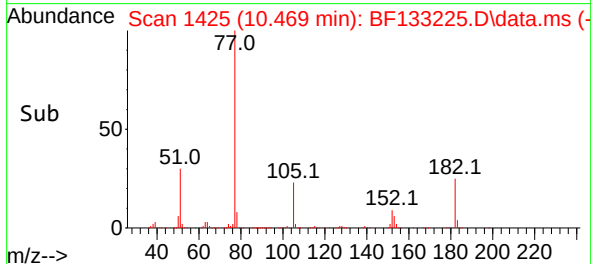


Tgt Ion: 77 Resp: 1309718
Ion Ratio Lower Upper
77 100
182 25.3 5.9 45.9
105 23.0 2.3 42.3
51 30.5 11.1 51.1

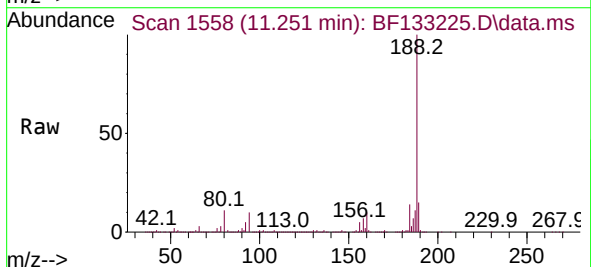
Manual Integrations

APPROVED

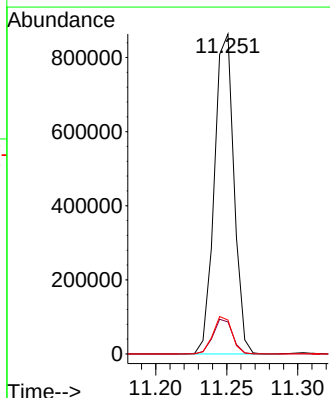
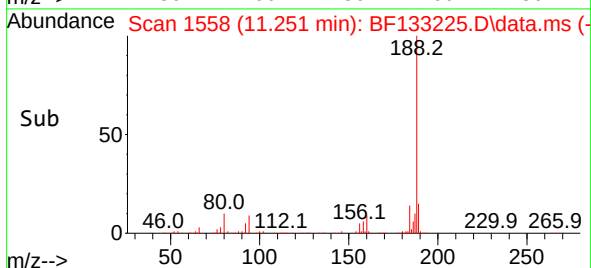
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

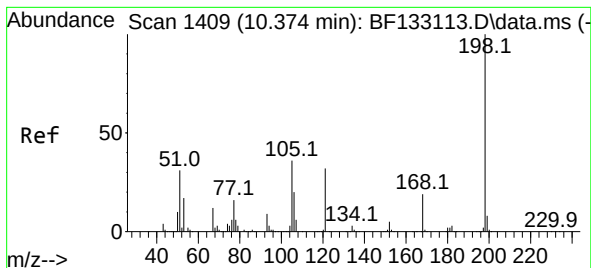


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:188 Resp: 829508
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.6 10.4 15.6





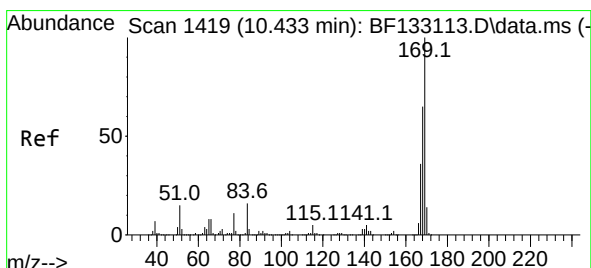
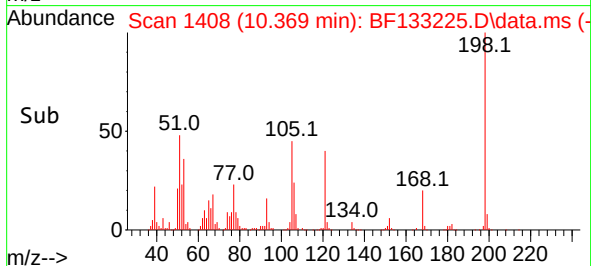
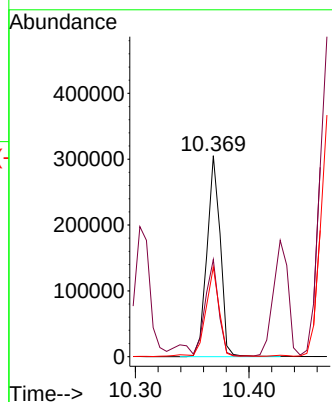
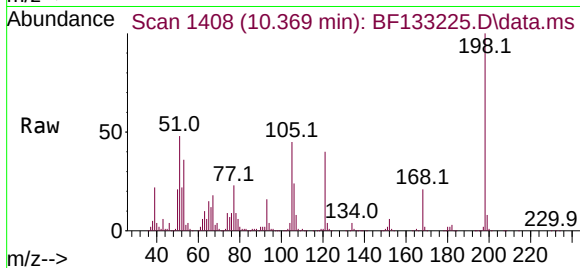
#65
4,6-Dinitro-2-methylphenol
Concen: 49.222 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :
BNA_F
ClientSampleId :
PB152560BS

Tgt Ion:198 Resp: 247479
Ion Ratio Lower Upper
198 100
51 48.4 15.5 55.5
105 44.5 16.7 56.7

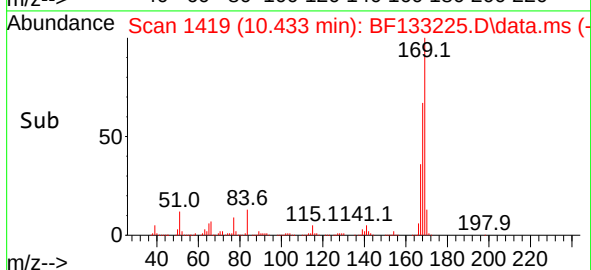
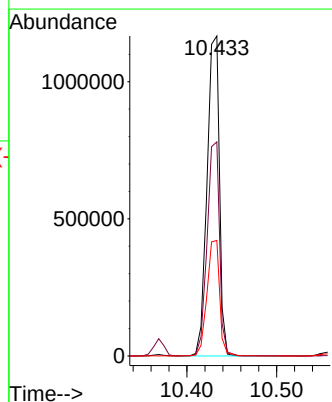
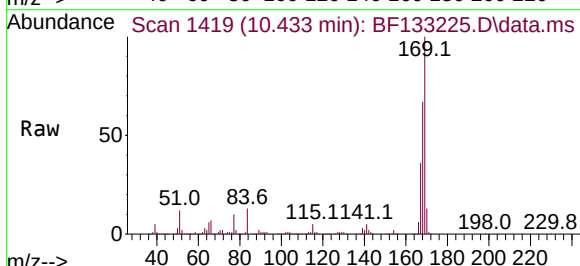
Manual Integrations
APPROVED

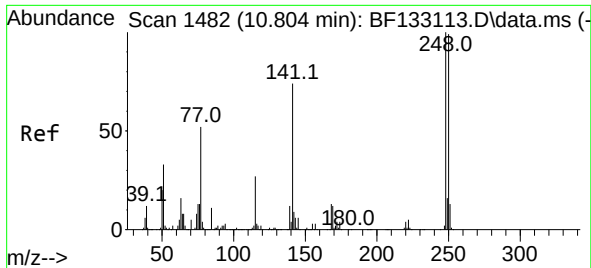
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#66
n-Nitrosodiphenylamine
Concen: 41.490 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

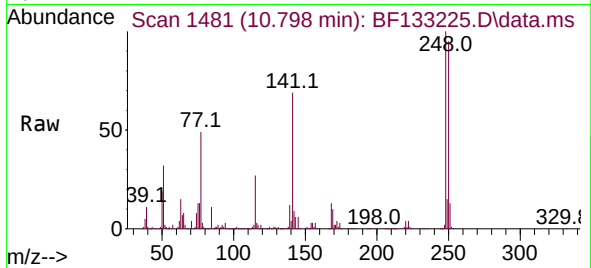
Tgt Ion:169 Resp: 1116383
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.1 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.984 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

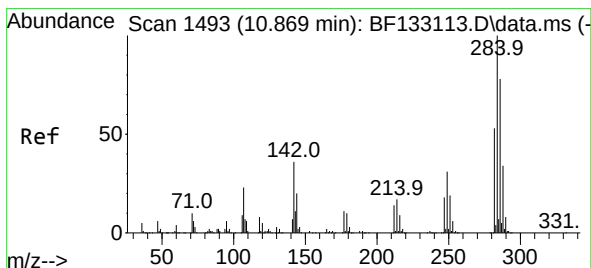
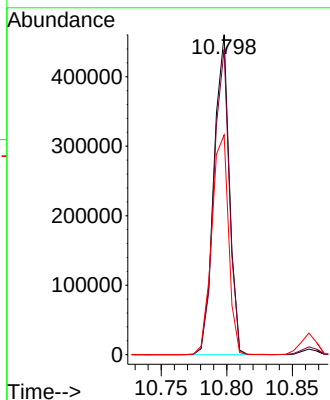
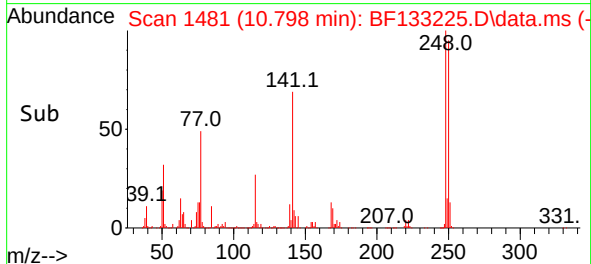
Instrument :
BNA_F
ClientSampleId :
PB152560BS



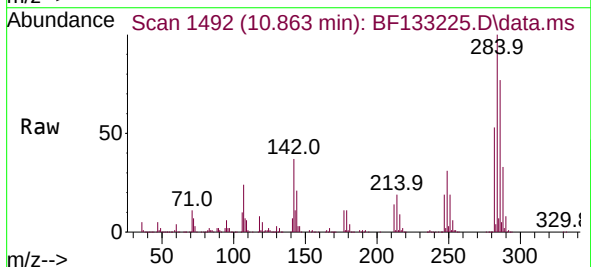
Tgt Ion:248 Resp: 37771
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 68.6 56.3 84.5

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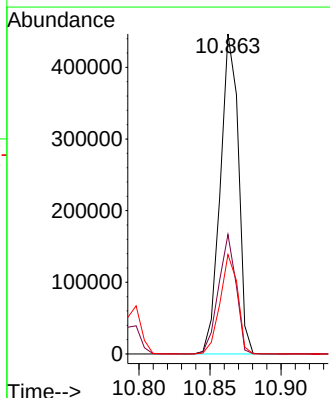
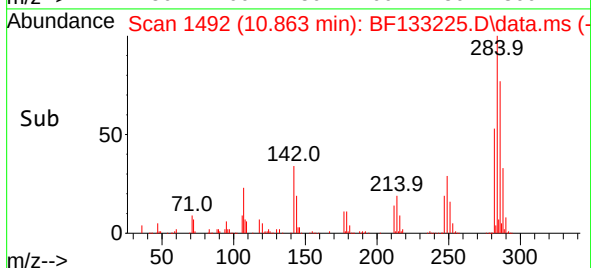
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

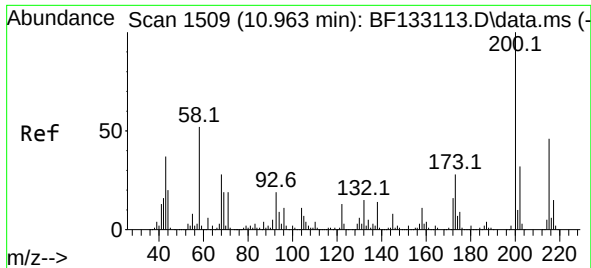


#68
Hexachlorobenzene
Concen: 42.824 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



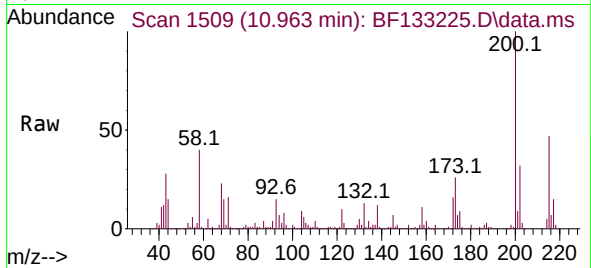
Tgt Ion:284 Resp: 394781
Ion Ratio Lower Upper
284 100
142 37.3 26.0 39.0
249 31.1 23.7 35.5





#69
Atrazine
Concen: 51.615 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

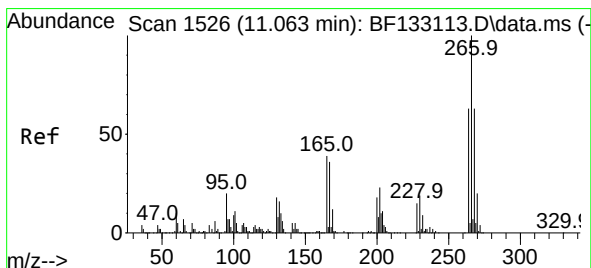
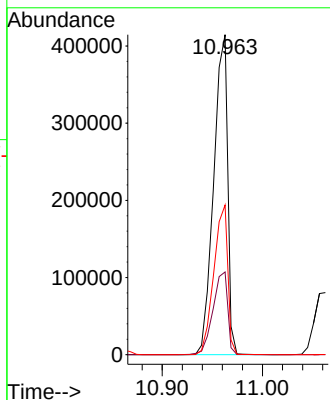
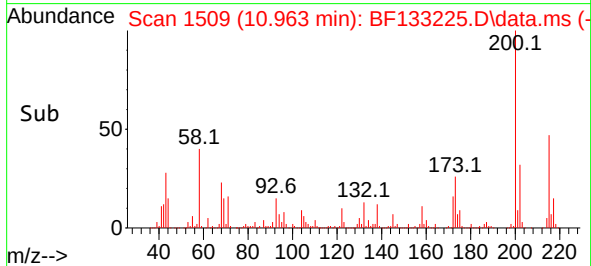
Instrument :
BNA_F
ClientSampleId :
PB152560BS



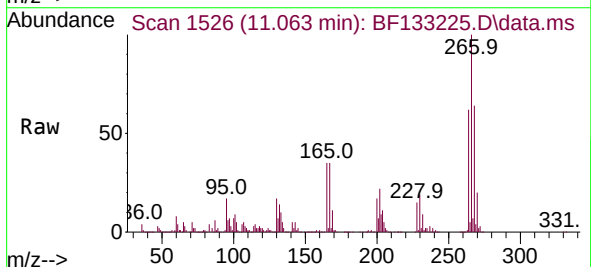
Tgt Ion:200 Resp: 400170
Ion Ratio Lower Upper
200 100
173 25.8 6.2 46.2
215 46.7 26.3 66.3

Manual Integrations
APPROVED

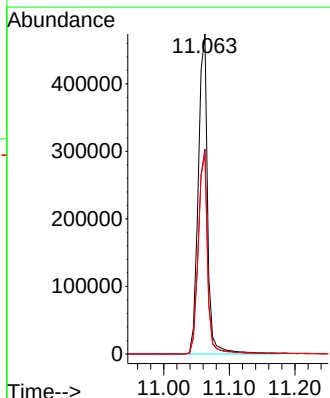
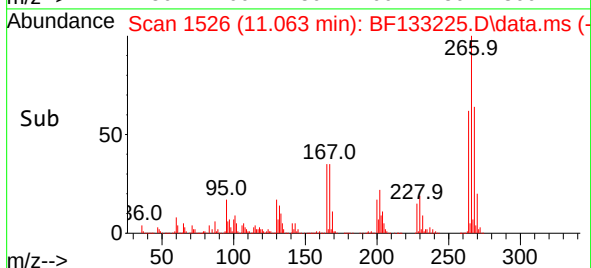
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

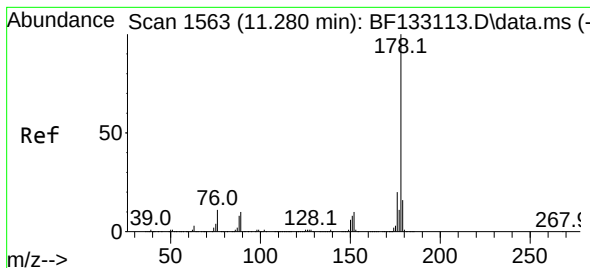


#70
Pentachlorophenol
Concen: 71.588 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



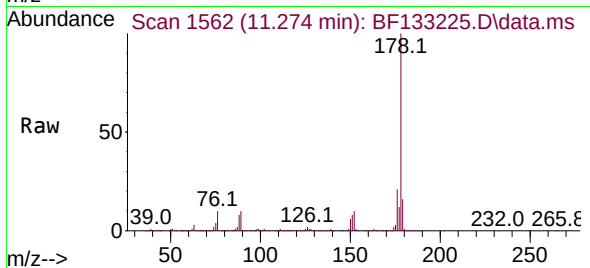
Tgt Ion:266 Resp: 470003
Ion Ratio Lower Upper
266 100
268 64.0 48.8 73.2
264 62.3 50.6 76.0





#71
Phenanthrene
Concen: 40.716 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

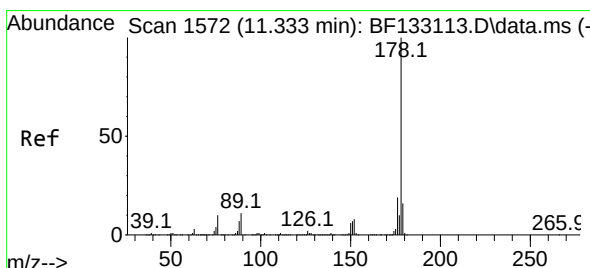
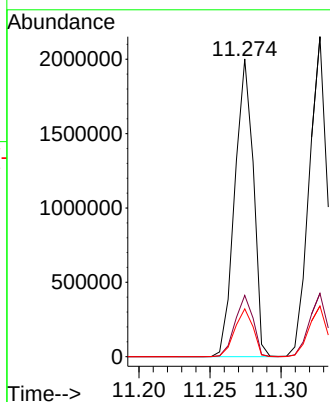
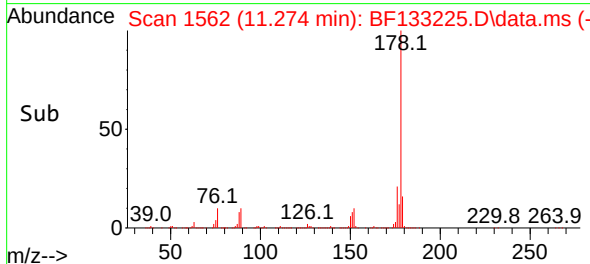
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion:178 Resp: 181525
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.1 12.5 18.7

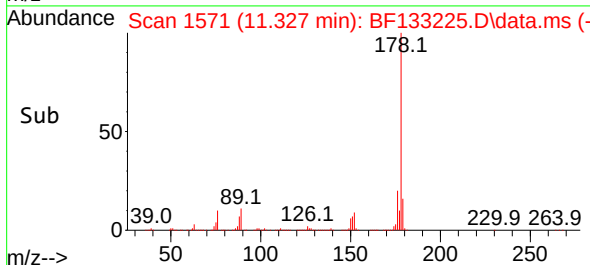
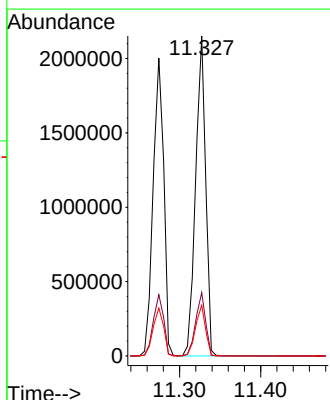
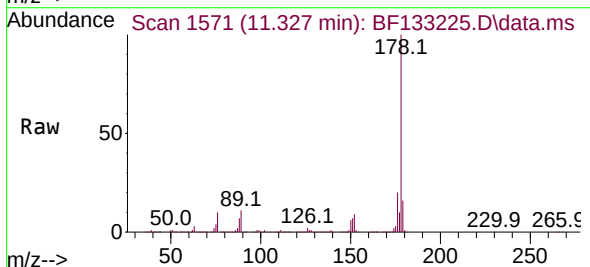
Manual Integrations
APPROVED

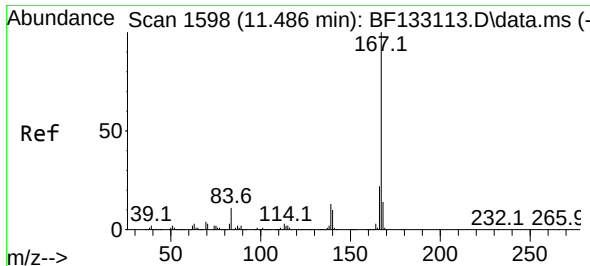
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Anthracene
Concen: 40.851 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

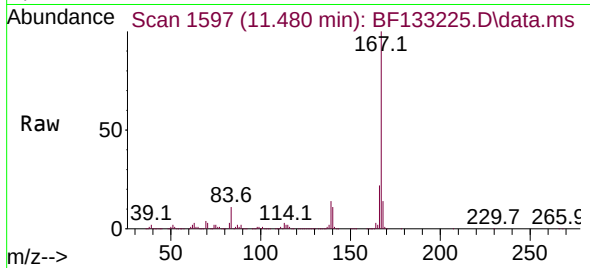
Tgt Ion:178 Resp: 1863904
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 15.8 12.4 18.6





#73
Carbazole
Concen: 43.094 ng
RT: 11.480 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

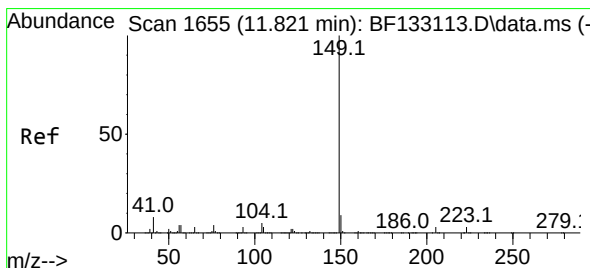
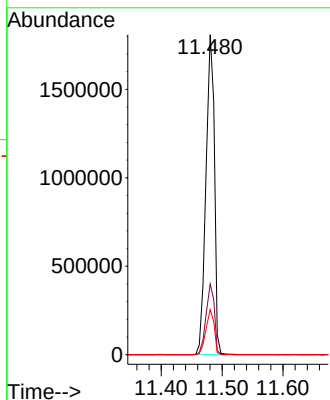
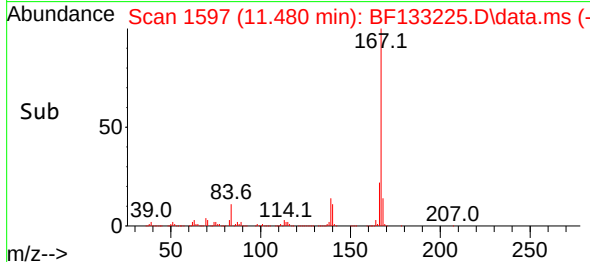
Instrument :
BNA_F
ClientSampleId :
PB152560BS



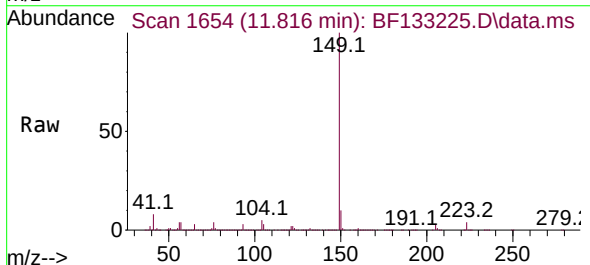
Tgt Ion:167 Resp: 175079
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 14.1 10.6 16.0

Manual Integrations
APPROVED

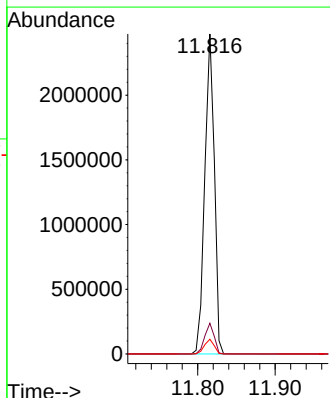
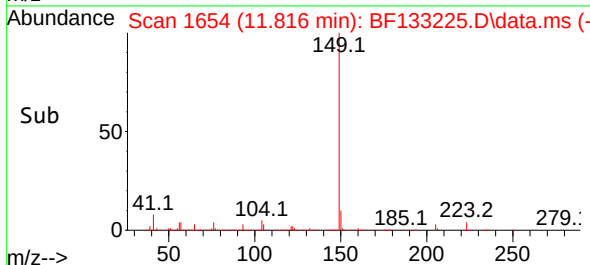
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

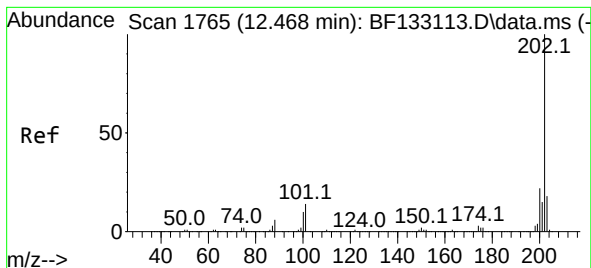


#74
Di-n-butylphthalate
Concen: 45.947 ng
RT: 11.816 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38



Tgt Ion:149 Resp: 2112464
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.6 4.0 6.0





#75

Fluoranthene

Concen: 41.133 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion:202 Resp: 1840498

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.3

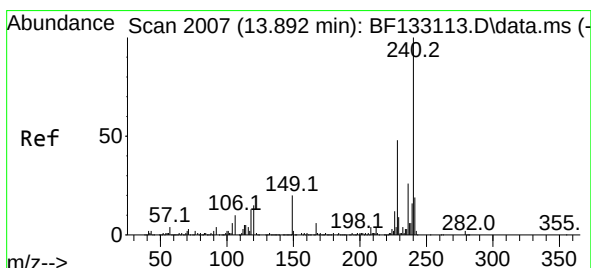
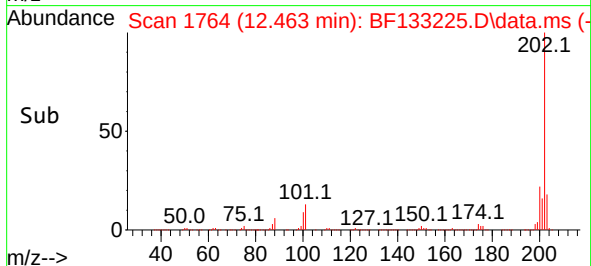
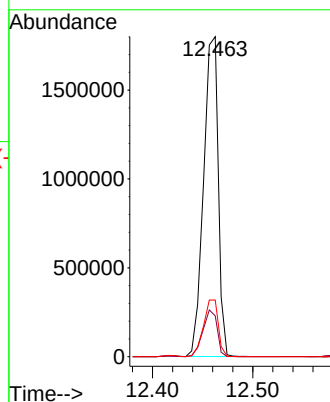
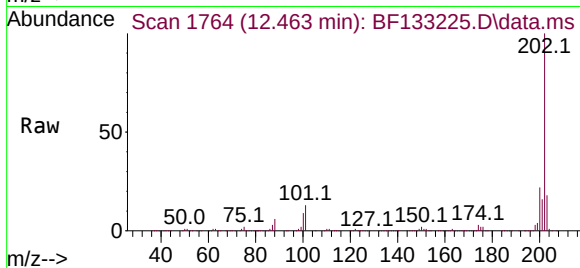
203 17.7 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

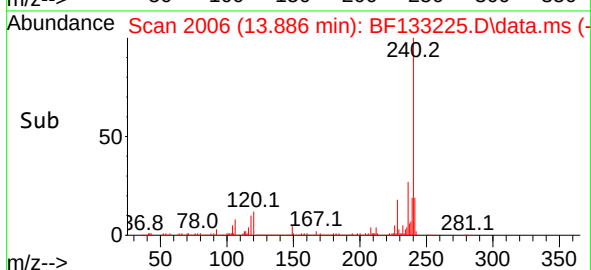
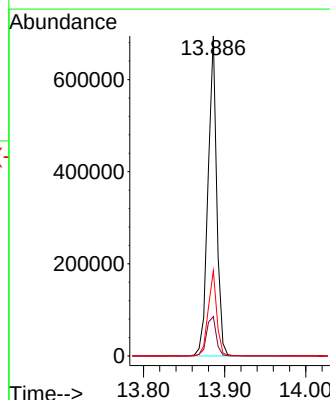
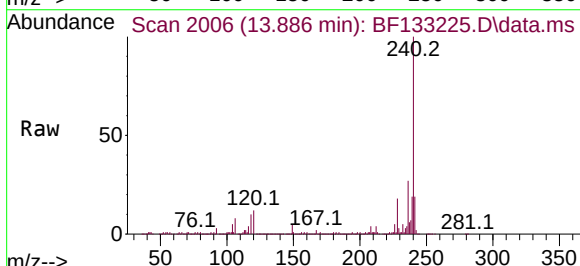
Tgt Ion:240 Resp: 514871

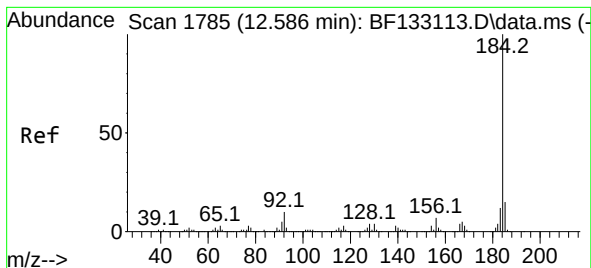
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 26.7 21.5 32.3





#77

Benzidine

Concen: 141.589 ng

RT: 12.586 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

Tgt Ion:184 Resp: 1232778

Ion Ratio Lower Upper

184 100

185 14.2 15.4 23.2

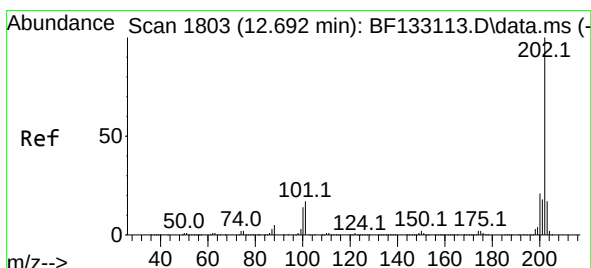
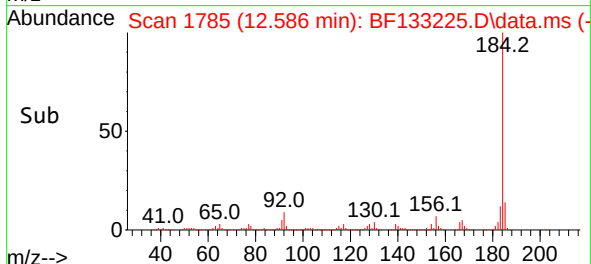
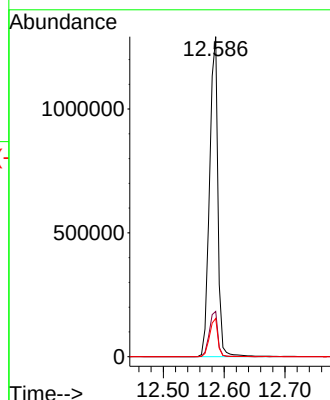
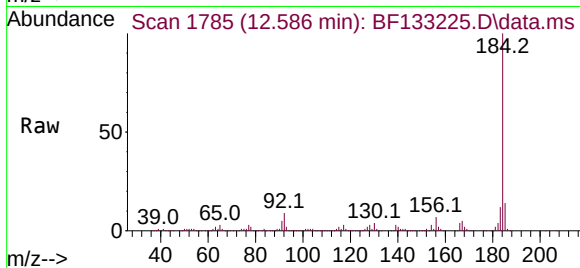
183 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#78

Pyrene

Concen: 42.771 ng

RT: 12.686 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

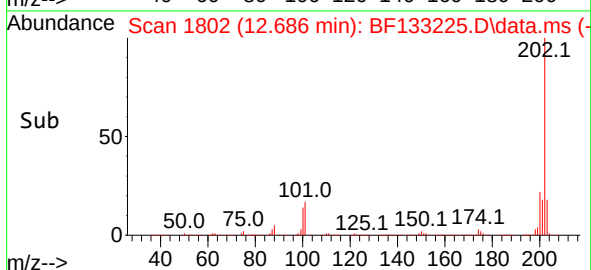
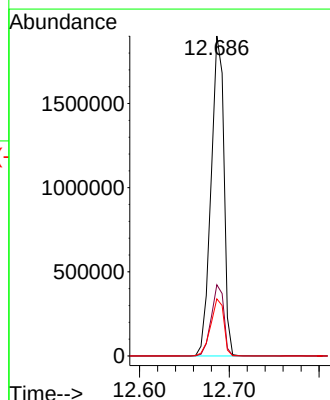
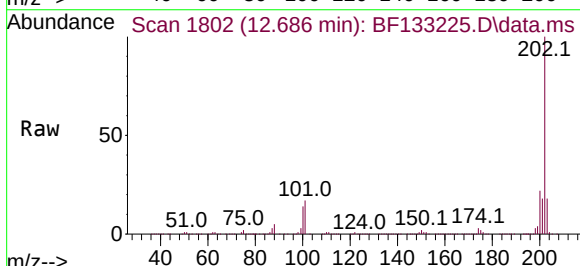
Tgt Ion:202 Resp: 1887773

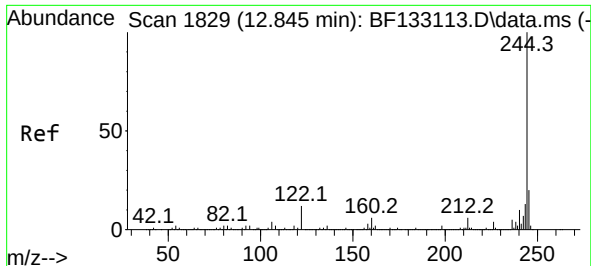
Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 17.8 14.1 21.1





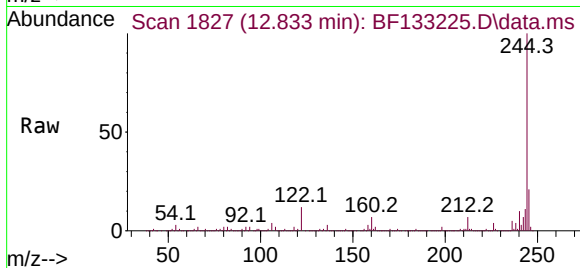
#79
 Terphenyl-d14
 Concen: 70.408 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS

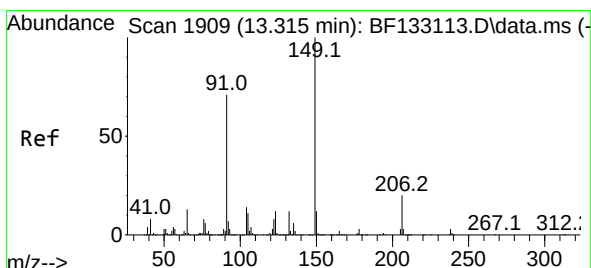
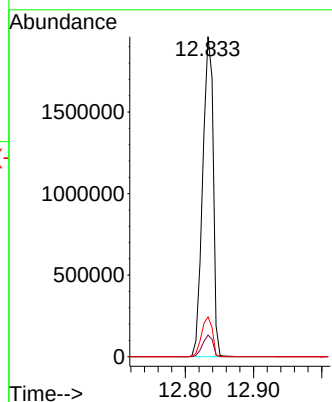
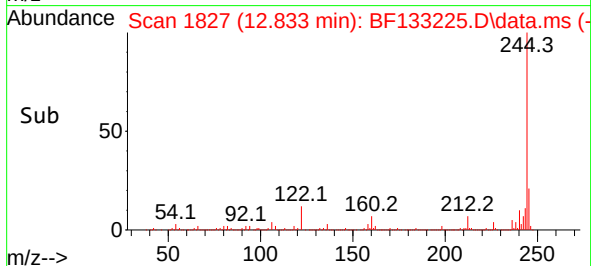


Tgt Ion:244 Resp: 2101910
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.5 8.6 13.0

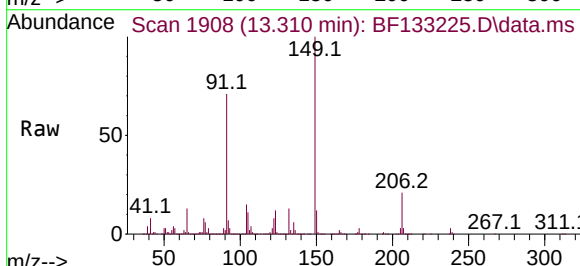
Manual Integrations

APPROVED

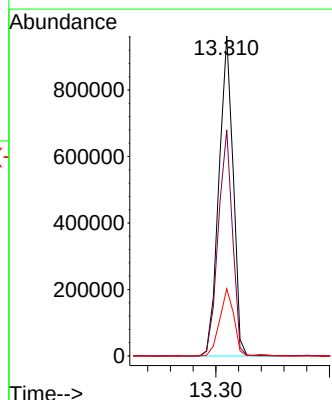
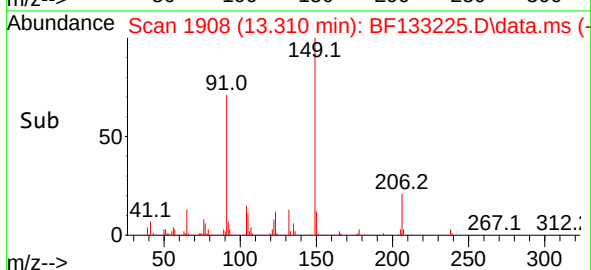
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

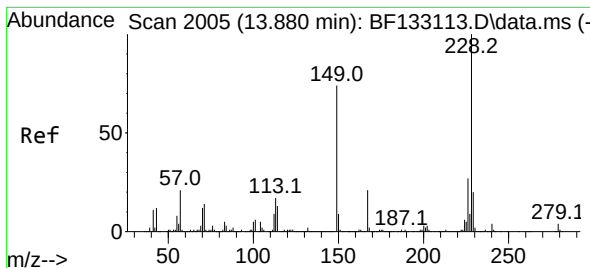


#80
 Butylbenzylphthalate
 Concen: 53.463 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: BF133225.D
 Acq: 04 May 2023 11:38



Tgt Ion:149 Resp: 835491
 Ion Ratio Lower Upper
 149 100
 91 70.7 53.8 80.6
 206 21.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.517 ng

RT: 13.874 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF133225.D

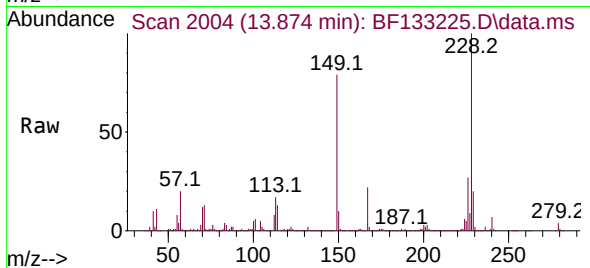
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

PB152560BS



Tgt Ion:228 Resp: 143455

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

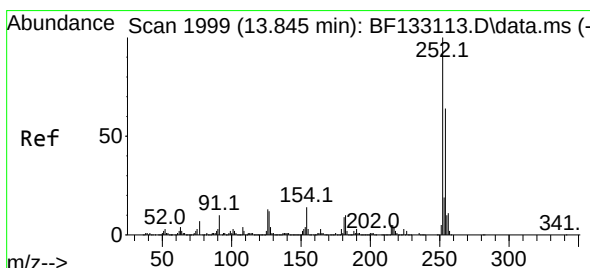
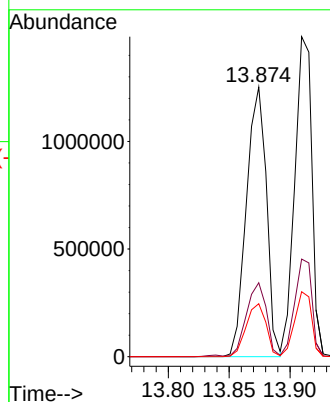
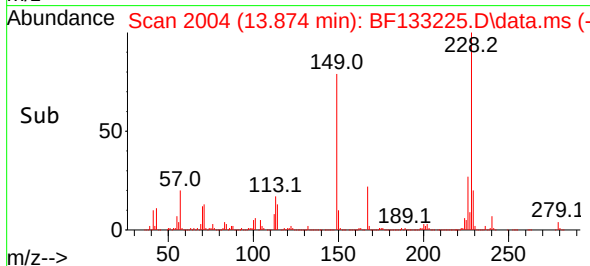
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 37.413 ng

RT: 13.839 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF133225.D

Acq: 04 May 2023 11:38

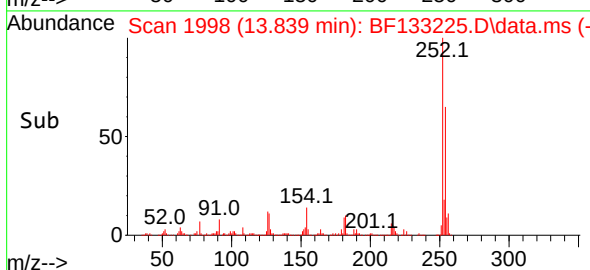
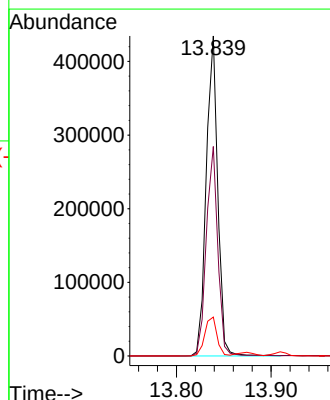
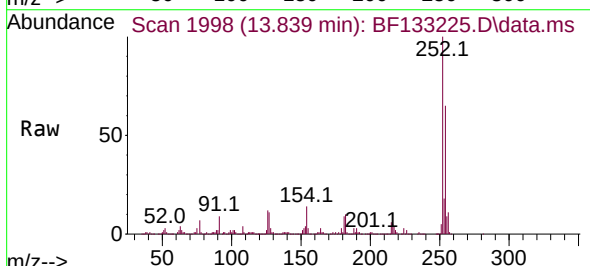
Tgt Ion:252 Resp: 365940

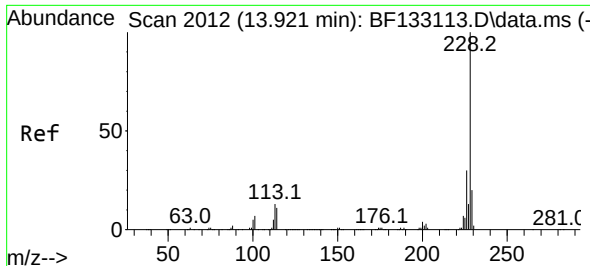
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

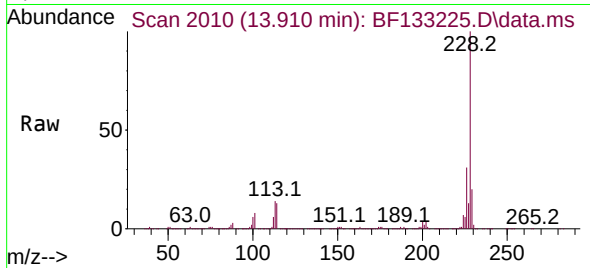
126 12.1 9.5 14.3





#83
Chrysene
Concen: 41.083 ng
RT: 13.910 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

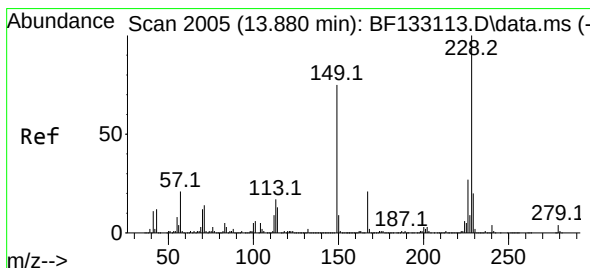
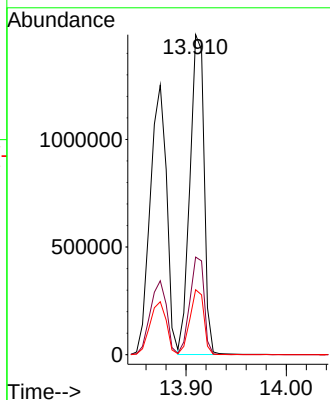
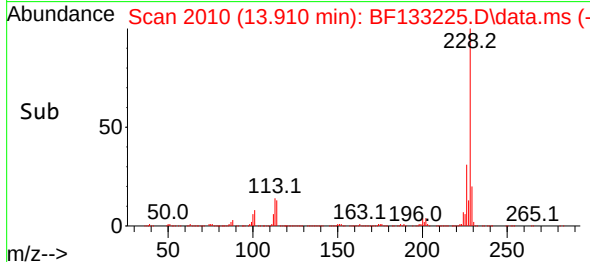
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion:228 Resp: 145424
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 20.3 16.1 24.1

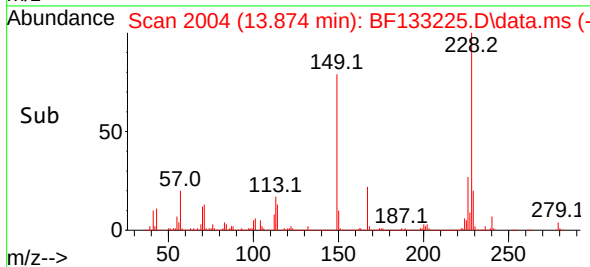
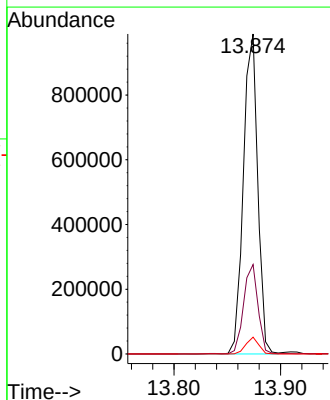
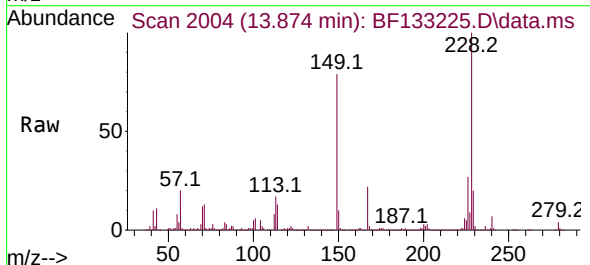
Manual Integrations
APPROVED

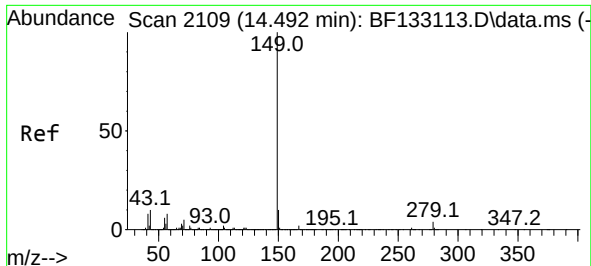
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.401 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

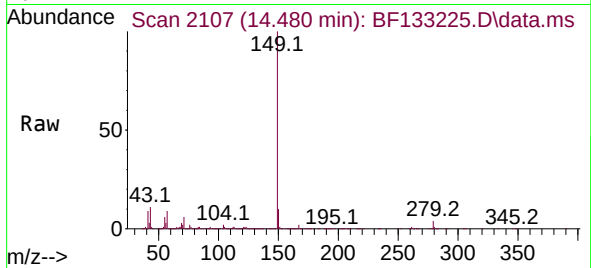
Tgt Ion:149 Resp: 929785
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 5.2 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 51.946 ng
RT: 14.480 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

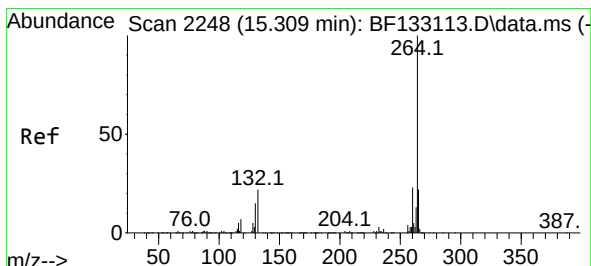
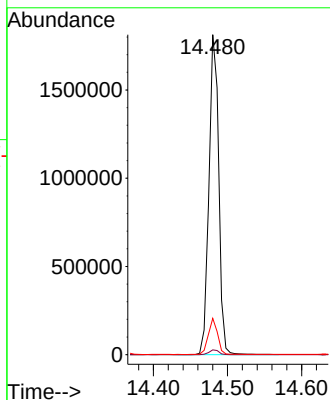
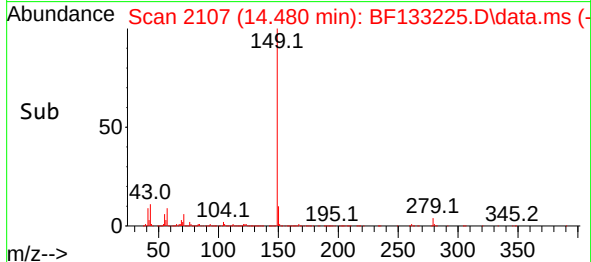
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion:149 Resp: 1661439
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.5 14.3

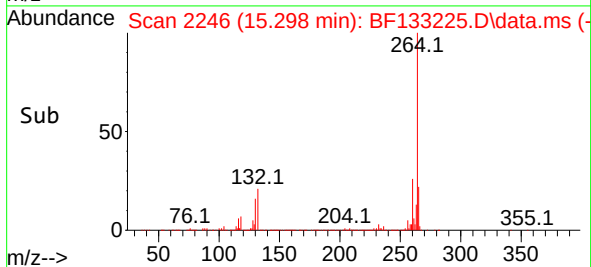
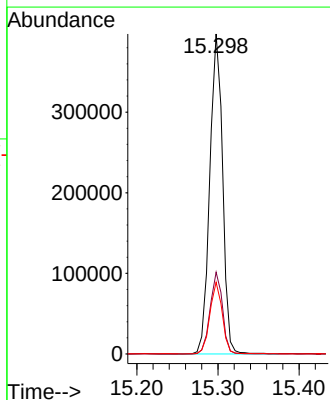
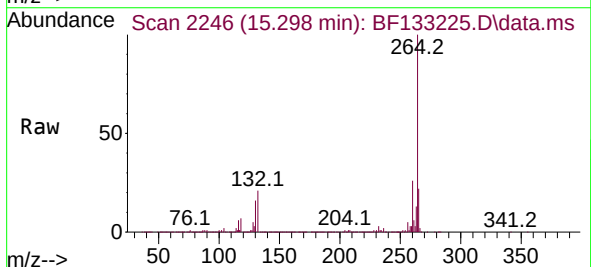
Manual Integrations
APPROVED

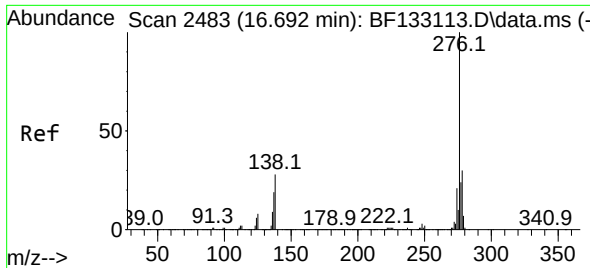
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

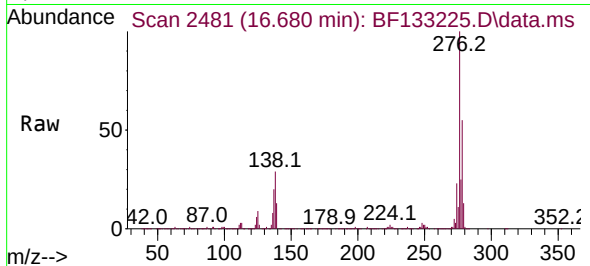
Tgt Ion:264 Resp: 434057
Ion Ratio Lower Upper
264 100
260 25.5 18.8 28.2
265 22.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.096 ng
RT: 16.680 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

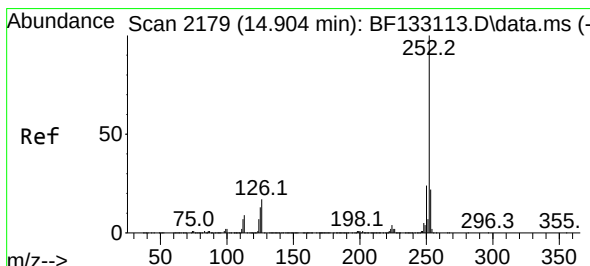
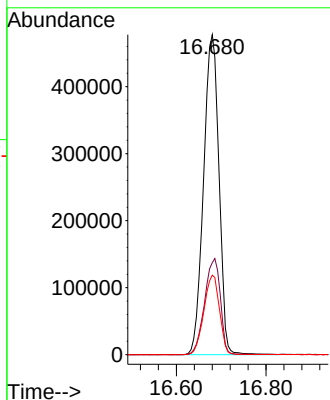
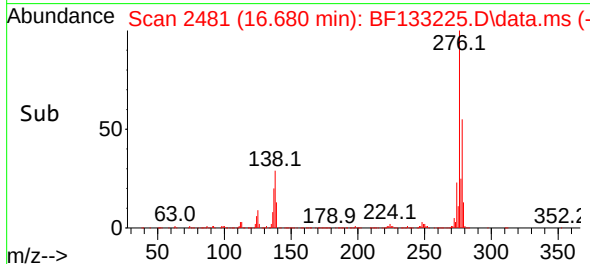
Instrument :
BNA_F
ClientSampleId :
PB152560BS



Tgt Ion: 276 Resp: 1138110
Ion Ratio Lower Upper
276 100
138 30.8 25.5 38.3
277 25.1 20.4 30.6

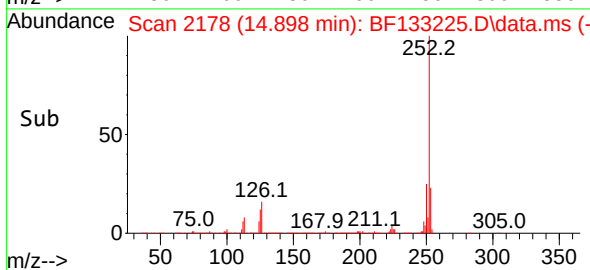
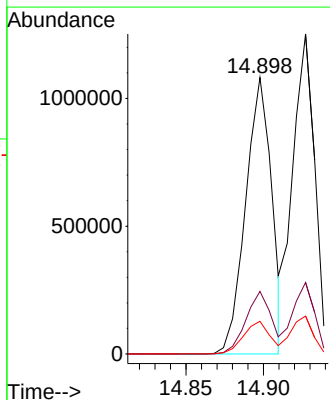
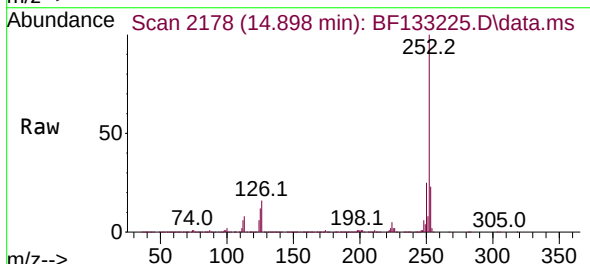
Manual Integrations
APPROVED

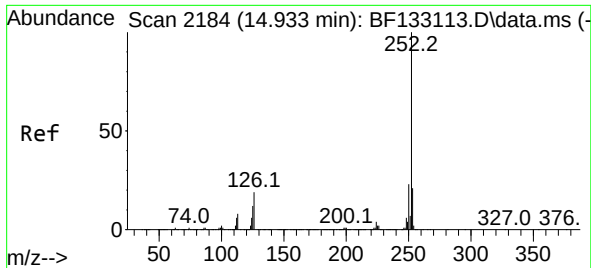
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023



#88
Benzo(b)fluoranthene
Concen: 45.838 ng
RT: 14.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion: 252 Resp: 1265770
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.8 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 45.406 ng
RT: 14.927 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

ClientSampleId :

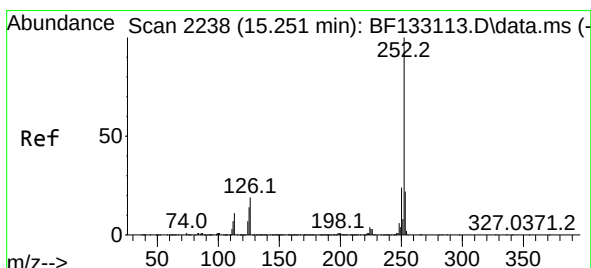
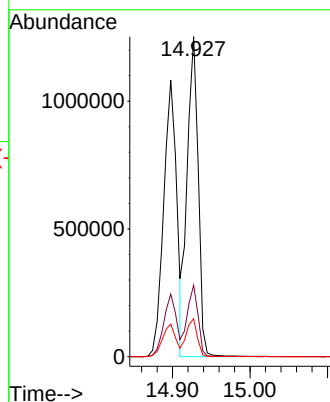
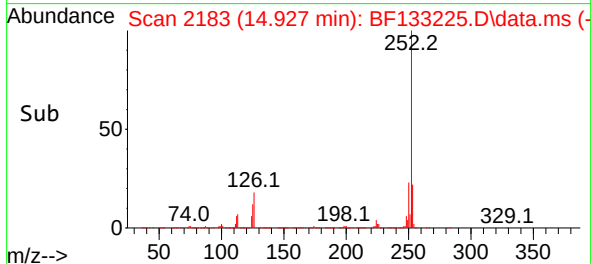
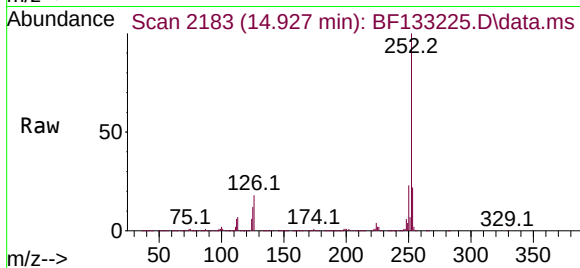
PB152560BS

Tgt Ion:252 Resp: 1242928
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.9 9.0 13.4

Manual Integrations

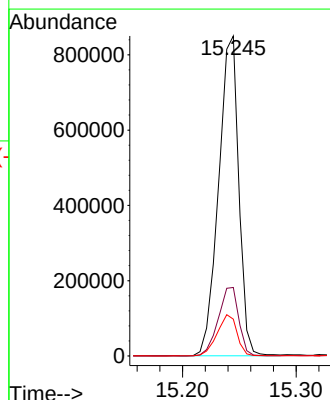
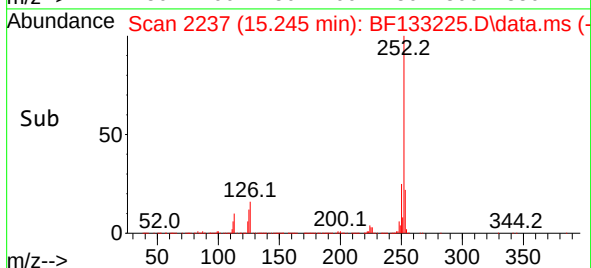
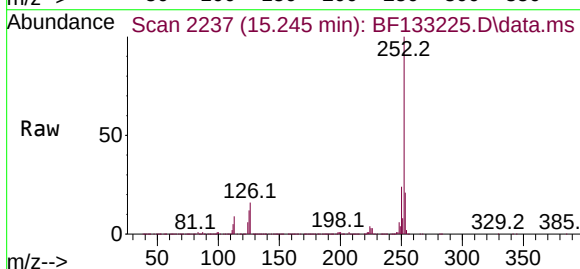
APPROVED

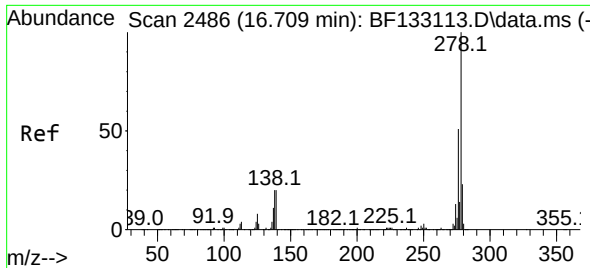
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#90
Benzo(a)pyrene
Concen: 41.777 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:252 Resp: 1050051
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.5 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 45.625 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Instrument :

BNA_F

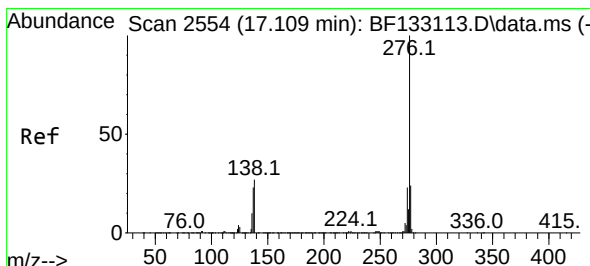
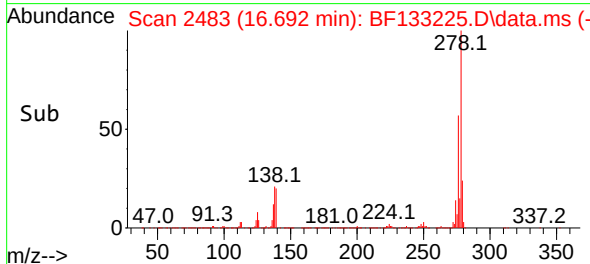
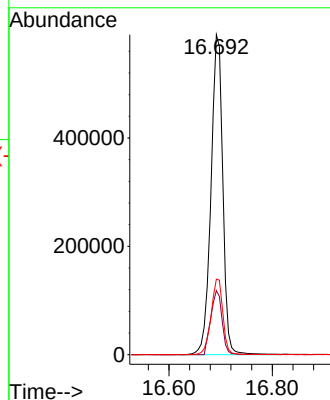
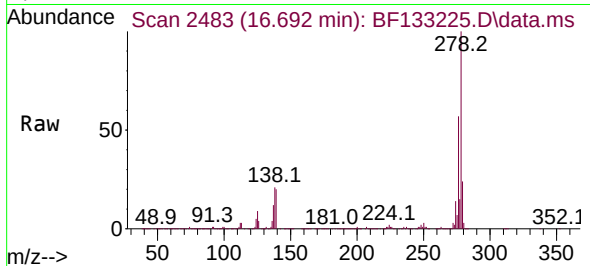
ClientSampleId :

PB152560BS

Tgt Ion:278 Resp: 93953
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 23.6 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.511 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.006 min
Lab File: BF133225.D
Acq: 04 May 2023 11:38

Tgt Ion:276 Resp: 945581
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 25.6 22.7 34.1

