

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133399.D
 Acq On : 16 May 2023 13:20
 Operator : CG\JU
 Sample : PB152835BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152835BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 16 13:40:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	258519	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	1014869	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	520347	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	928240	20.000	ng	0.00
76) Chrysene-d12	13.886	240	588561	20.000	ng	0.00
86) Perylene-d12	15.304	264	538473	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1606038	93.846	ng	0.02
7) Phenol-d6	6.375	99	1920424	90.409	ng	0.00
23) Nitrobenzene-d5	7.292	82	1162835	61.847	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	493913	94.383	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2065724	66.416	ng	0.00
79) Terphenyl-d14	12.827	244	2172666	63.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	306591	38.624	ng	95
3) Pyridine	3.175	79	732186	34.729	ng	96
4) n-Nitrosodimethylamine	3.134	42	372310	34.093	ng	93
6) Aniline	6.387	93	855459	31.269	ng	# 31
8) 2-Chlorophenol	6.510	128	714931	41.145	ng	98
9) Benzaldehyde	6.269	77	386771	39.185	ng	97
10) Phenol	6.387	94	860295	36.713	ng	# 69
11) bis(2-Chloroethyl)ether	6.463	93	683010	38.842	ng	97
12) 1,3-Dichlorobenzene	6.663	146	772796	41.832	ng	98
13) 1,4-Dichlorobenzene	6.739	146	772517	41.725	ng	98
14) 1,2-Dichlorobenzene	6.892	146	719469	42.150	ng	98
15) Benzyl Alcohol	6.875	79	542172	36.951	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1059479	34.689	ng	86
17) 2-Methylphenol	6.992	107	603061	37.903	ng	95
18) Hexachloroethane	7.234	117	271385	42.160	ng	98
19) n-Nitroso-di-n-propyla...	7.145	70	463816	35.074	ng	94
20) 3+4-Methylphenols	7.145	107	738233	39.399	ng	# 73
22) Acetophenone	7.134	105	979510	41.665	ng	# 92
24) Nitrobenzene	7.310	77	739036	38.789	ng	99
25) Isophorone	7.551	82	1362120	38.156	ng	99
26) 2-Nitrophenol	7.628	139	414506	45.106	ng	91
27) 2,4-Dimethylphenol	7.675	122	659933	41.880	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	825049	39.067	ng	99
29) 2,4-Dichlorophenol	7.875	162	604391	42.133	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	623396	41.948	ng	99
31) Naphthalene	8.028	128	2003246	39.480	ng	99
32) Benzoic acid	7.816	122	357186	36.697	ng	98
33) 4-Chloroaniline	8.081	127	655103	31.955	ng	100
34) Hexachlorobutadiene	8.145	225	337253	40.945	ng	99
35) Caprolactam	8.463	113	214469m	44.505	ng	
36) 4-Chloro-3-methylphenol	8.575	107	643446	41.596	ng	98
37) 2-Methylnaphthalene	8.722	142	1332550	38.413	ng	99
38) 1-Methylnaphthalene	8.822	142	1239156	38.185	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	560936	40.094	ng	99
41) Hexachlorocyclopentadiene	8.875	237	602596	73.853	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	393769	40.697	ng	99

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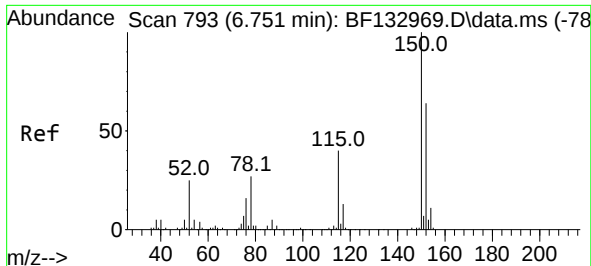
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	423004	37.802	ng	96
46) 1,1'-Biphenyl	9.186	154	1638126	39.701	ng	99
47) 2-Chloronaphthalene	9.210	162	1245877	41.254	ng	99
48) 2-Nitroaniline	9.310	65	394749	39.550	ng	99
49) Acenaphthylene	9.622	152	1903754	39.451	ng	100
50) Dimethylphthalate	9.492	163	1459881	40.236	ng	98
51) 2,6-Dinitrotoluene	9.551	165	337444	41.321	ng	94
52) Acenaphthene	9.792	154	1374362m	42.524	ng	
53) 3-Nitroaniline	9.722	138	309413	31.866	ng	97
54) 2,4-Dinitrophenol	9.833	184	331871	80.850	ng	96
55) Dibenzofuran	9.969	168	1668437	37.844	ng	98
56) 4-Nitrophenol	9.898	139	516148	68.632	ng	94
57) 2,4-Dinitrotoluene	9.957	165	423277	40.644	ng	96
58) Fluorene	10.310	166	1275943	39.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	339155	39.095	ng	98
60) Diethylphthalate	10.186	149	1327810	38.744	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	617188	39.211	ng	93
62) 4-Nitroaniline	10.339	138	380928	42.684	ng	97
63) Azobenzene	10.463	77	1328567	36.595	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	247531	43.996	ng	83
66) n-Nitrosodiphenylamine	10.422	169	1164306	38.669	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	383790	38.122	ng	97
68) Hexachlorobenzene	10.863	284	426171	41.312	ng	95
69) Atrazine	10.957	200	400266	46.135	ng	100
70) Pentachlorophenol	11.057	266	506622	68.957	ng	99
71) Phenanthrene	11.269	178	1939716	38.880	ng	100
72) Anthracene	11.322	178	1993396	39.043	ng	99
73) Carbazole	11.480	167	1800400	39.602	ng	99
74) Di-n-butylphthalate	11.810	149	2058375	40.009	ng	99
75) Fluoranthene	12.457	202	1930407	38.554	ng	99
77) Benzidine	12.580	184	1103739	110.896	ng	# 93
78) Pyrene	12.686	202	1980778	39.260	ng	99
80) Butylbenzylphthalate	13.304	149	869303	48.662	ng	96
81) Benzo(a)anthracene	13.874	228	1512665	37.374	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	386060	34.529	ng	99
83) Chrysene	13.910	228	1488061	36.775	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	1011689	45.119	ng	99
85) Di-n-octyl phthalate	14.474	149	1619330	44.290	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1303465	42.556	ng	99
88) Benzo(b)fluoranthene	14.898	252	1375287	40.146	ng	98
89) Benzo(k)fluoranthene	14.927	252	1188789	35.007	ng	99
90) Benzo(a)pyrene	15.245	252	1105069	35.440	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	1078988	42.236	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1090954	43.256	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

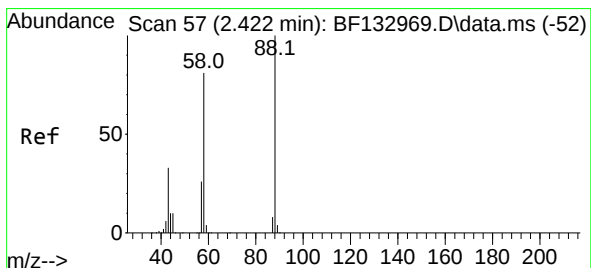
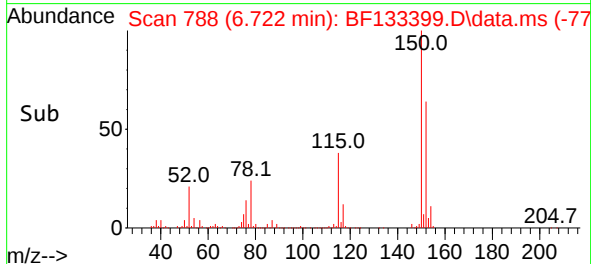
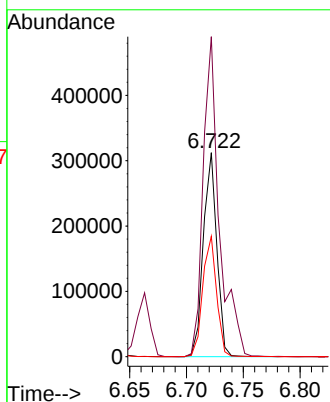
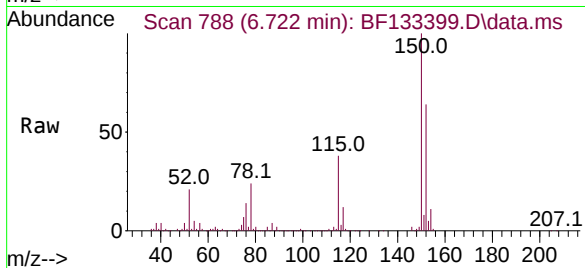
ClientSampleId :

PB152835BS

Tgt Ion:152 Resp: 258519
Ion Ratio Lower Upper
152 100
150 156.9 124.8 187.2
115 59.0 49.9 74.9

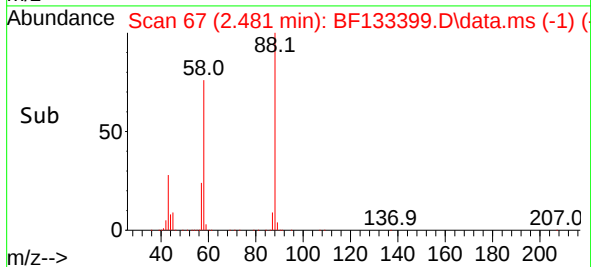
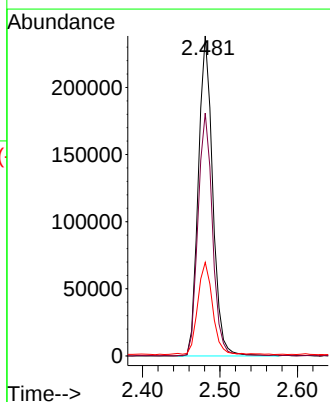
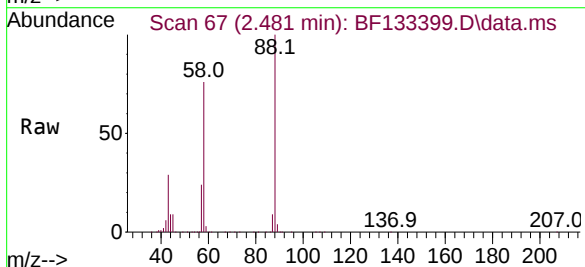
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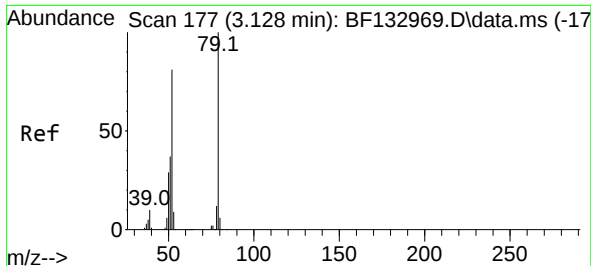
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#2
1,4-Dioxane
Concen: 38.624 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.118 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

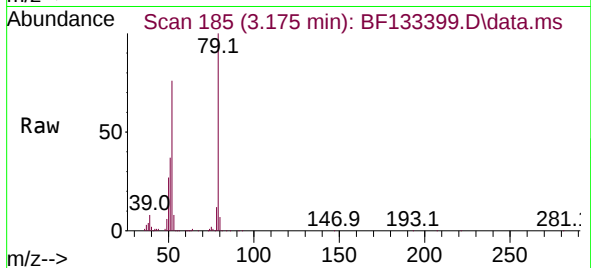
Tgt Ion: 88 Resp: 306591
Ion Ratio Lower Upper
88 100
58 76.5 64.7 97.1
43 30.1 26.2 39.2





#3
Pyridine
Concen: 34.729 ng
RT: 3.175 min Scan# 177
Delta R.T. 0.118 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

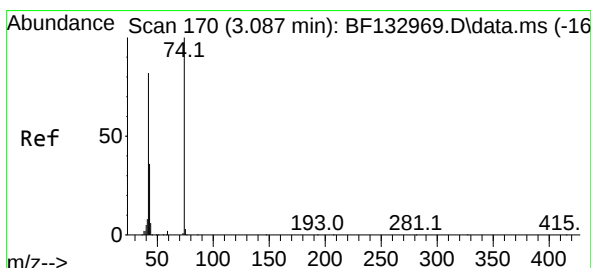
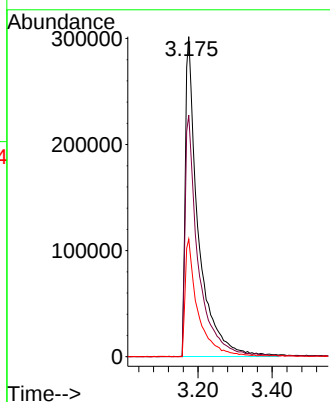
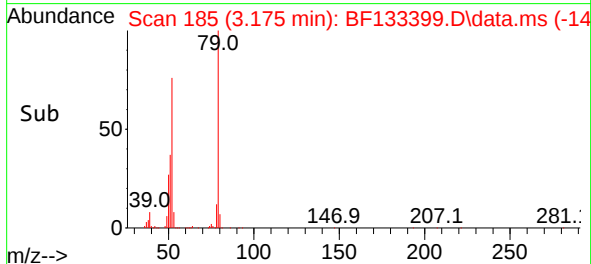
Instrument :
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ClientSampleId :
PB152835BS



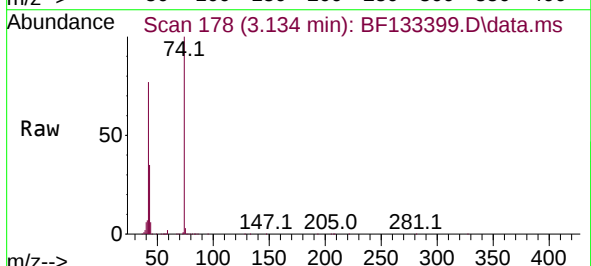
Tgt Ion: 79 Resp: 732180
Ion Ratio Lower Upper
79 100
52 75.5 64.6 96.8
51 36.7 30.0 45.0

Manual Integrations
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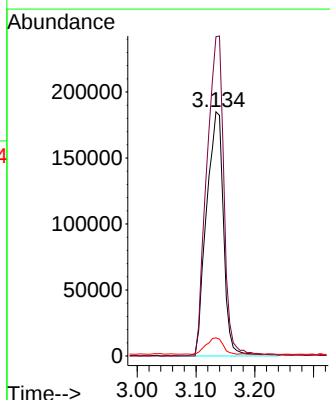
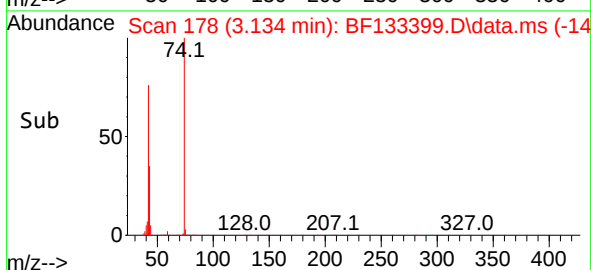
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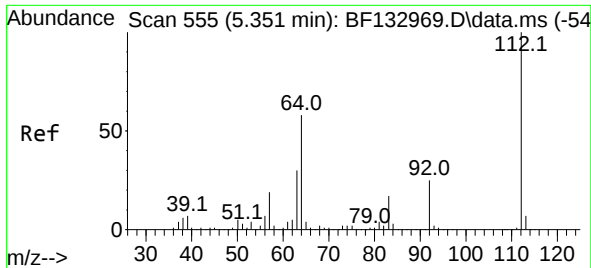


#4
n-Nitrosodimethylamine
Concen: 34.093 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.112 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion: 42 Resp: 372310
Ion Ratio Lower Upper
42 100
74 130.7 98.0 147.0
44 7.4 5.8 8.8





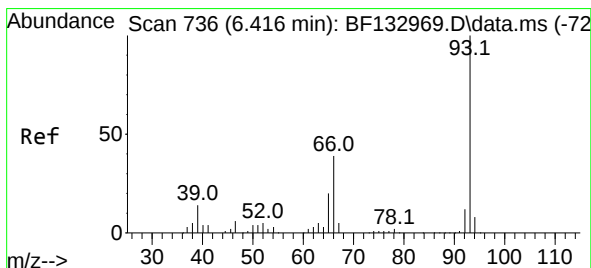
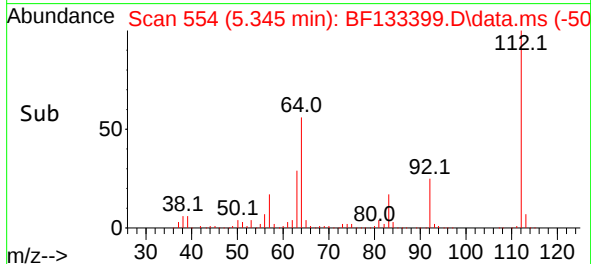
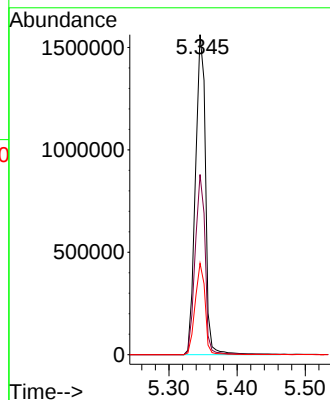
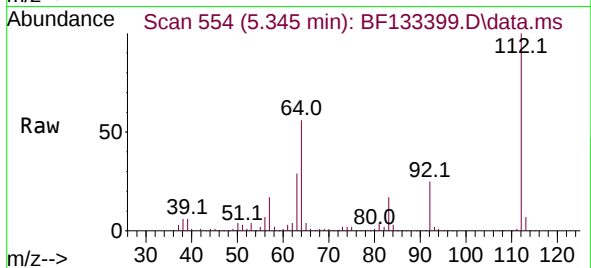
#5
2-Fluorophenol
Concen: 93.846 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

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ClientSampleId :
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Tgt Ion:112 Resp: 1606038
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.5 23.8 35.8

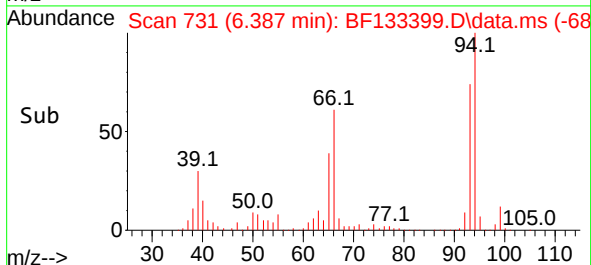
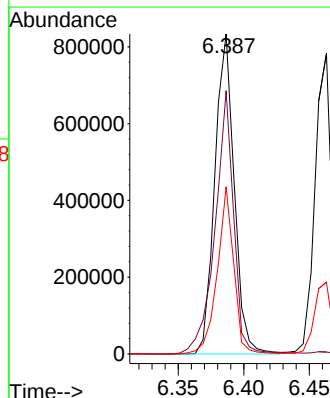
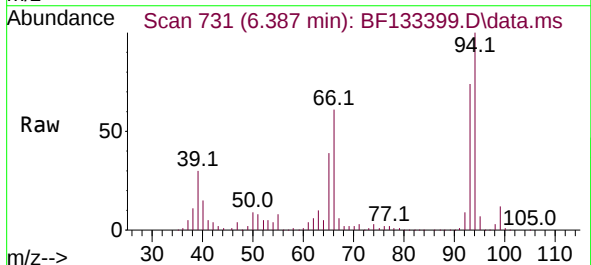
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#6
Aniline
Concen: 31.269 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion: 93 Resp: 855459
Ion Ratio Lower Upper
93 100
66 82.3 31.5 47.3#
65 52.2 16.4 24.6#





#7

Phenol-d6

Concen: 90.409 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion: 99 Resp: 1920424

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

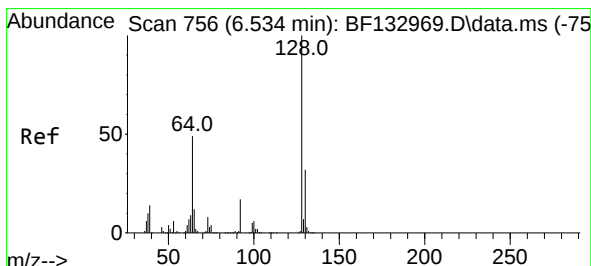
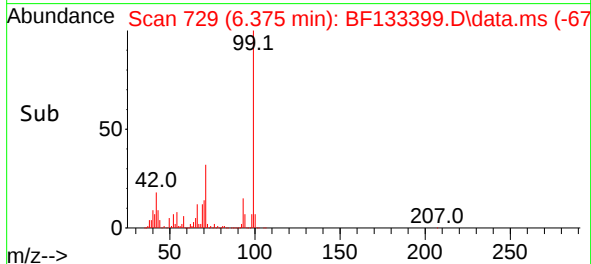
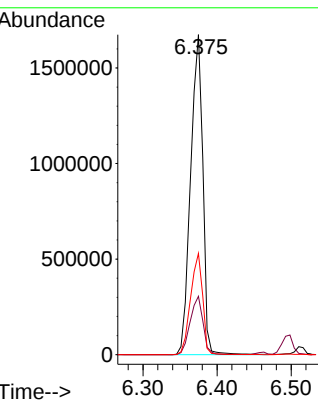
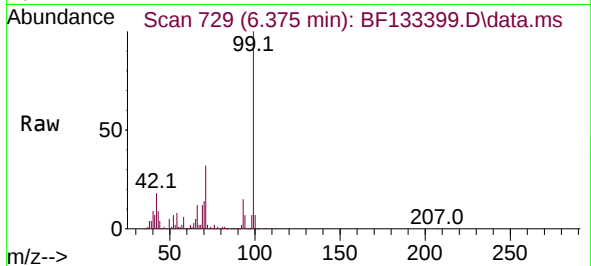
71 31.7 25.6 38.4

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#8

2-Chlorophenol

Concen: 41.145 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

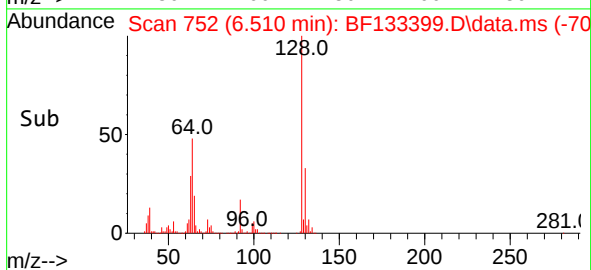
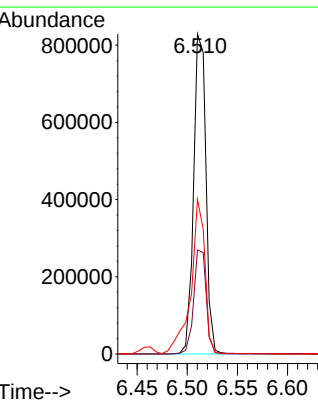
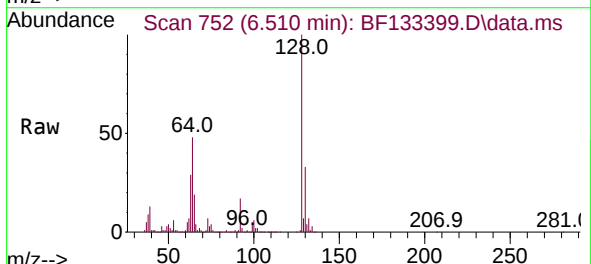
Tgt Ion:128 Resp: 714931

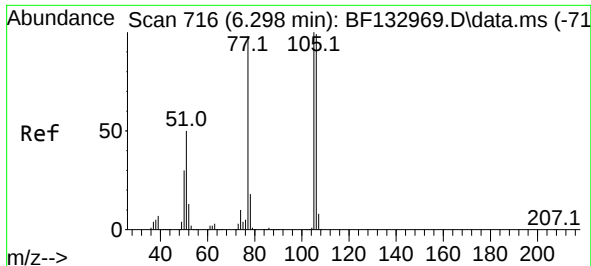
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

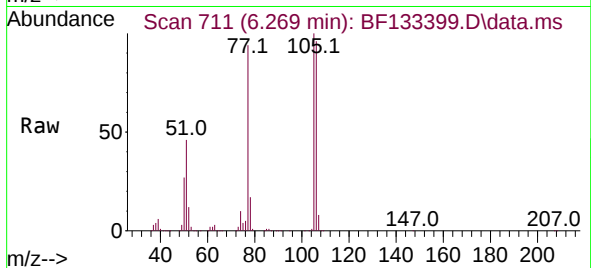
64 48.3 30.3 70.3





#9
Benzaldehyde
Concen: 39.185 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

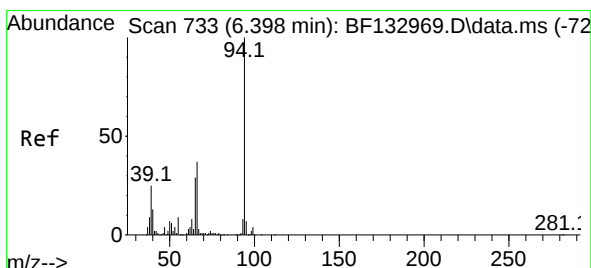
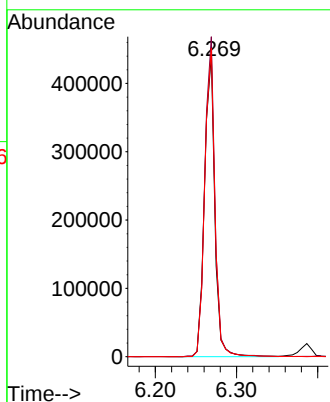
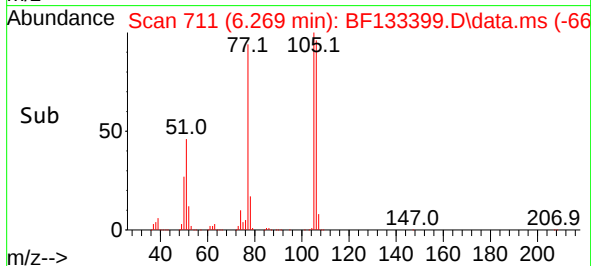
Instrument :
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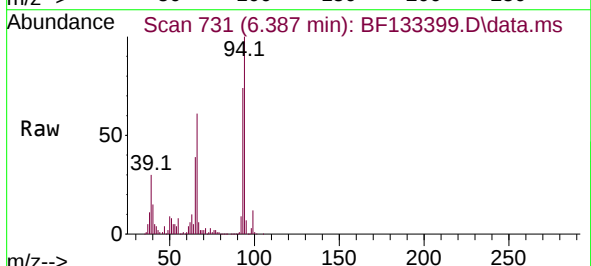
Tgt Ion: 77 Resp: 38677
Ion Ratio Lower Upper
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105 106.1 82.3 122.3
106 102.3 80.8 120.8

Manual Integrations
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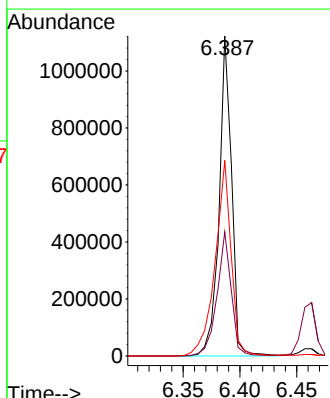
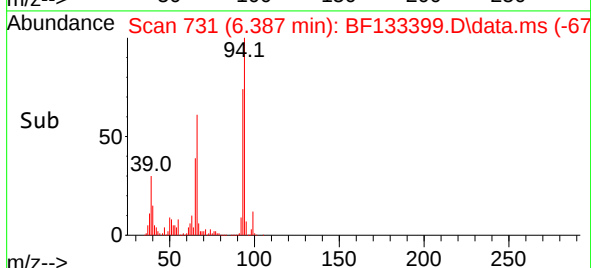
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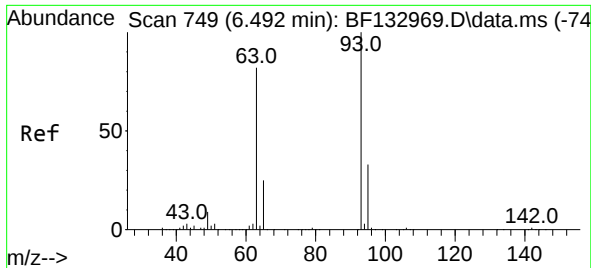


#10
Phenol
Concen: 36.713 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion: 94 Resp: 860295
Ion Ratio Lower Upper
94 100
65 38.8 8.6 48.6
66 61.1 17.3 57.3#





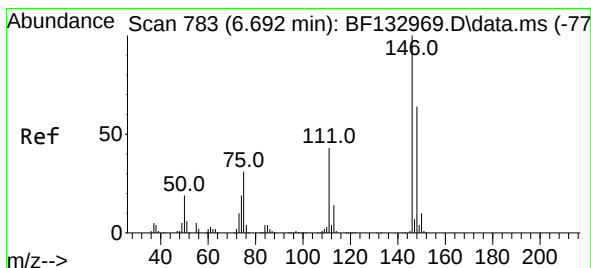
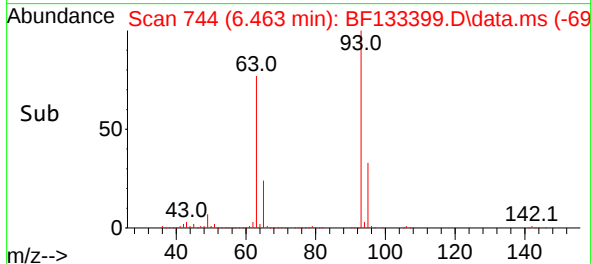
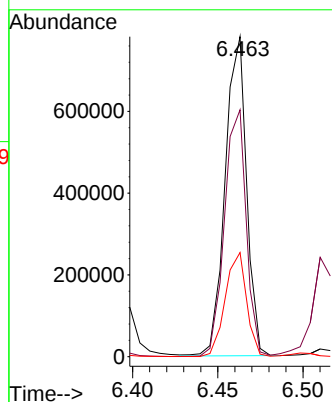
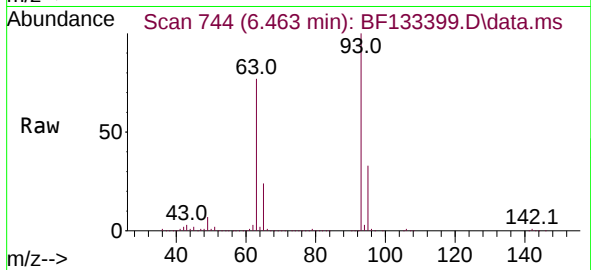
#11
bis(2-Chloroethyl)ether
Concen: 38.842 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion: 93 Resp: 683010
Ion Ratio Lower Upper
93 100
63 77.1 60.6 100.6
95 32.6 12.9 52.9

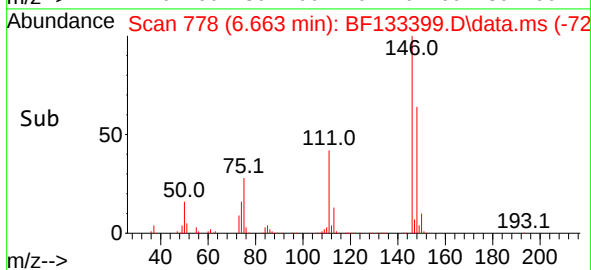
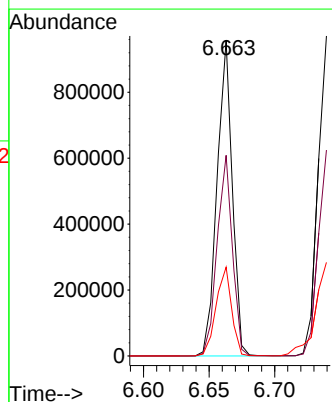
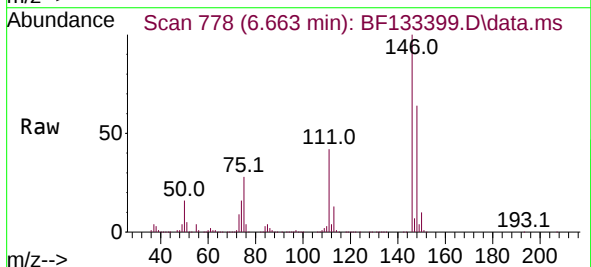
Manual Integrations
APPROVED

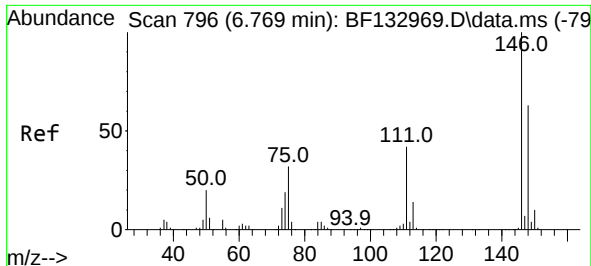
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#12
1,3-Dichlorobenzene
Concen: 41.832 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:146 Resp: 772796
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 28.1 24.8 37.2





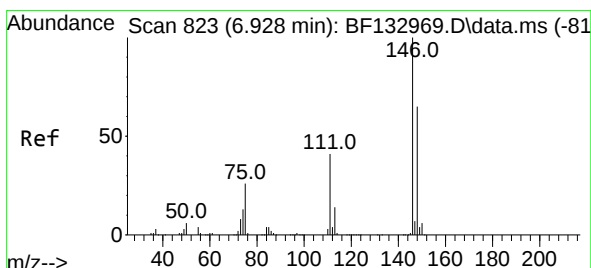
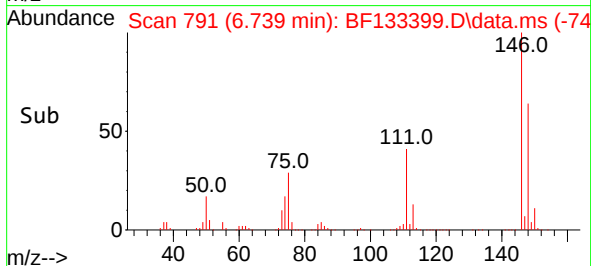
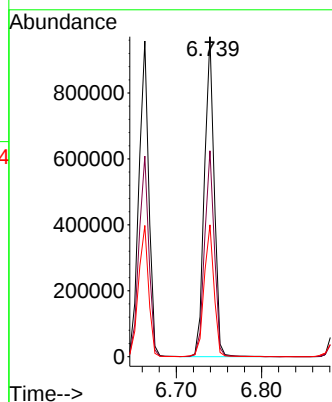
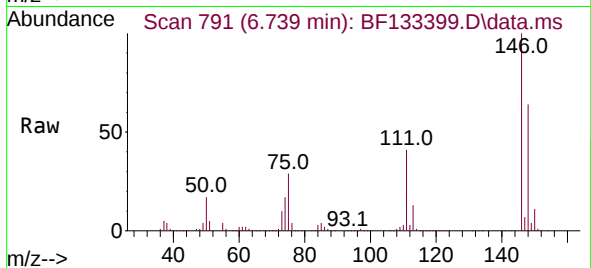
#13
1,4-Dichlorobenzene
Concen: 41.725 ng
RT: 6.739 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:146 Resp: 77251
Ion Ratio Lower Upper
146 100
148 64.3 50.3 75.5
111 41.2 33.8 50.6

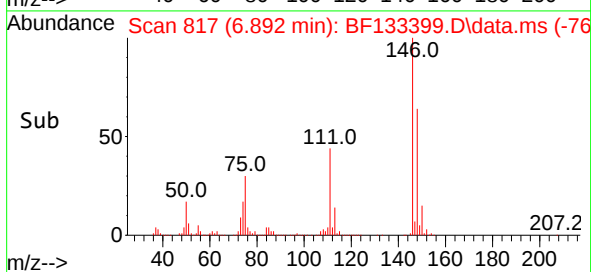
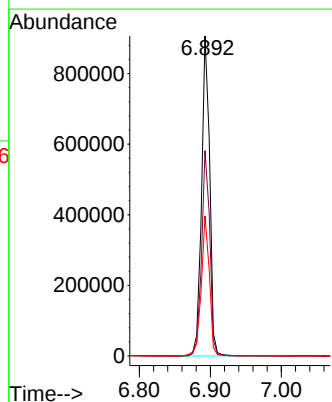
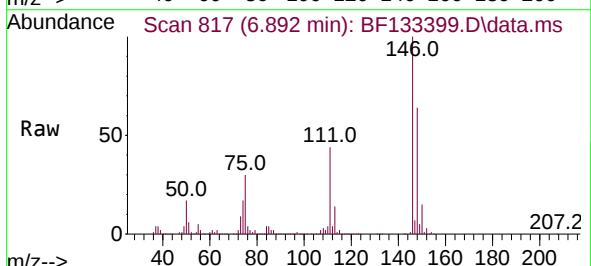
Manual Integrations
APPROVED

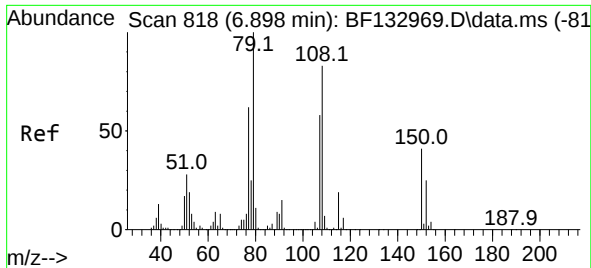
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#14
1,2-Dichlorobenzene
Concen: 42.150 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

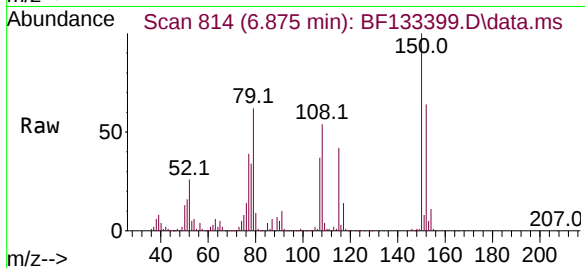
Tgt Ion:146 Resp: 719469
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.2
111 43.7 32.8 49.2





#15
Benzyl Alcohol
Concen: 36.951 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

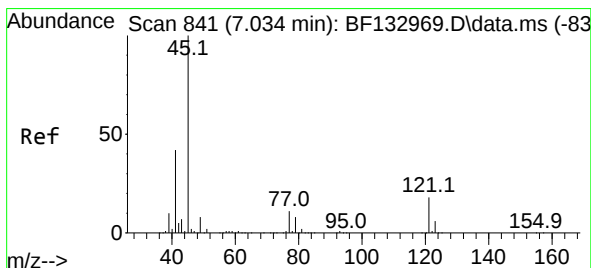
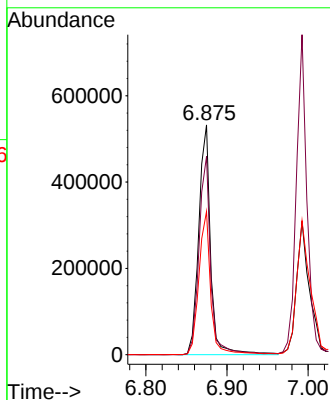
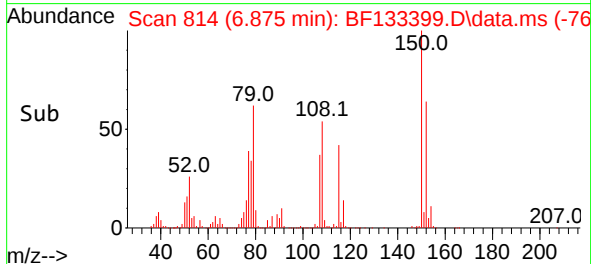
Instrument :
BNA_F
ClientSampleId :
PB152835BS



Tgt Ion: 79 Resp: 542172
Ion Ratio Lower Upper
79 100
108 86.3 66.6 99.8
77 62.3 49.2 73.8

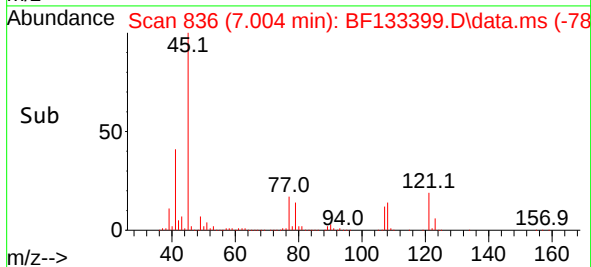
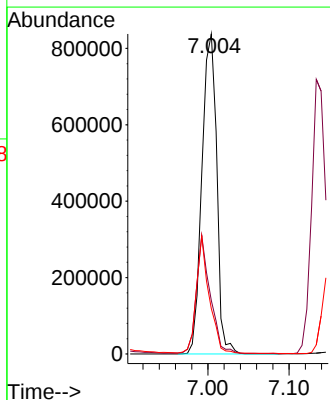
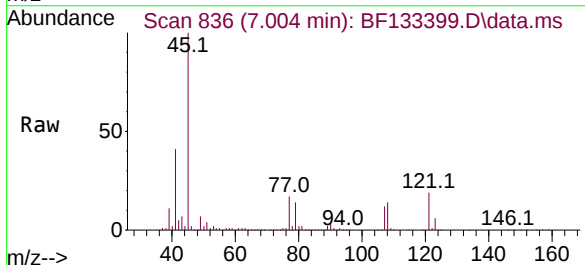
Manual Integrations
APPROVED

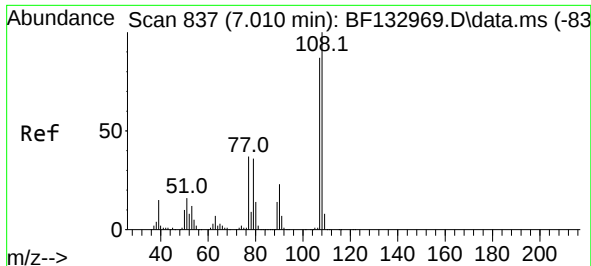
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.689 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

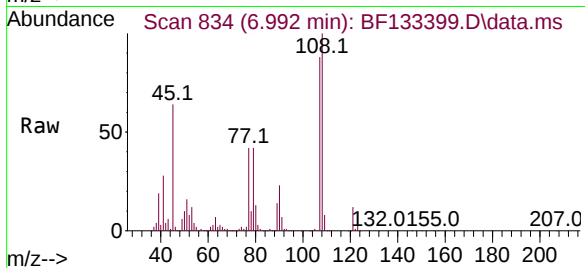
Tgt Ion: 45 Resp: 1059479
Ion Ratio Lower Upper
45 100
77 16.7 0.0 31.5
79 14.1 0.0 28.7





#17
2-Methylphenol
Concen: 37.903 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

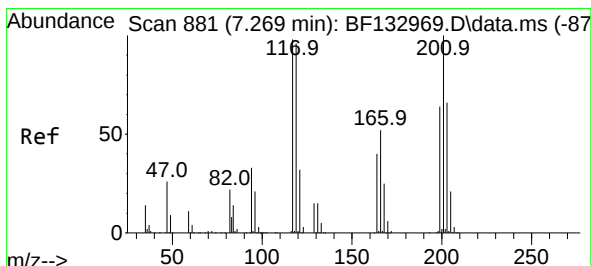
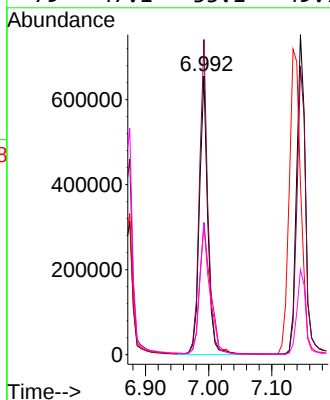
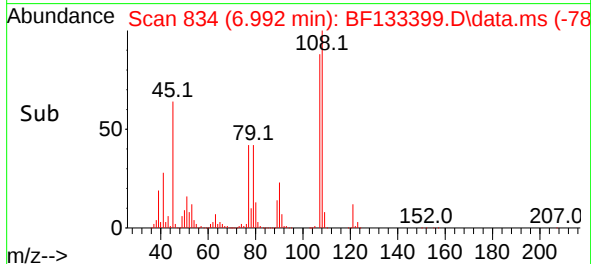
Instrument :
BNA_F
ClientSampleId :
PB152835BS



Tgt Ion:107 Resp: 60306
Ion Ratio Lower Upper
107 100
108 113.1 92.4 138.6
77 47.4 33.8 50.8
79 47.1 33.1 49.7

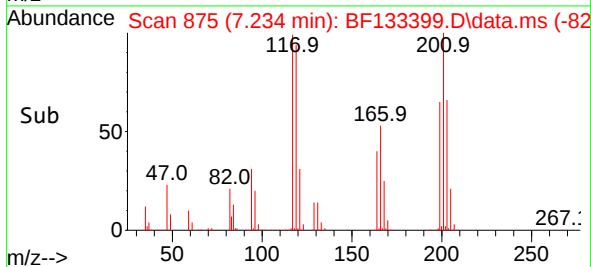
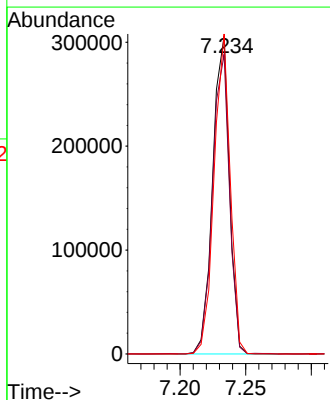
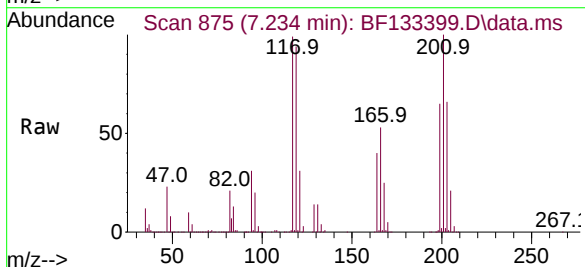
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#18
Hexachloroethane
Concen: 42.160 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

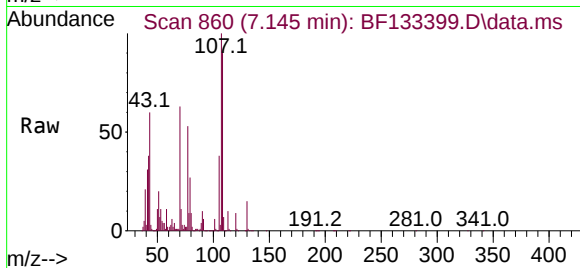
Tgt Ion:117 Resp: 271385
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.4
201 100.6 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 35.074 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

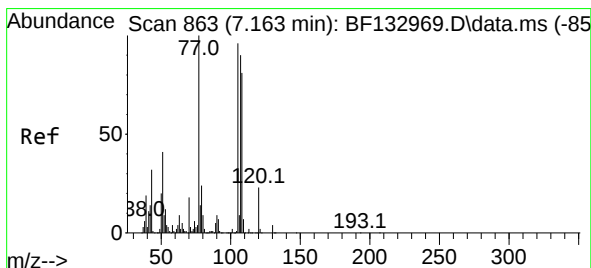
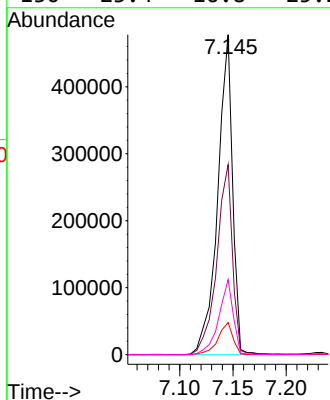
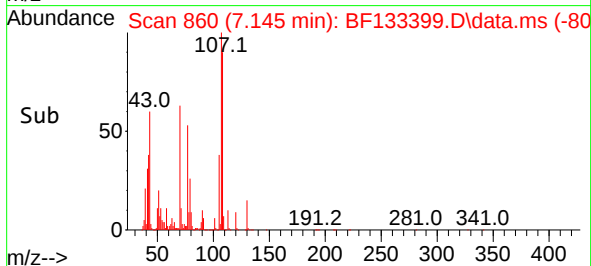
Instrument :
BNA_F
ClientSampleId :
PB152835BS



Tgt Ion: 70 Resp: 463810
Ion Ratio Lower Upper
70 100
42 59.4 51.8 77.6
101 10.1 8.0 12.0
130 23.4 16.8 25.2

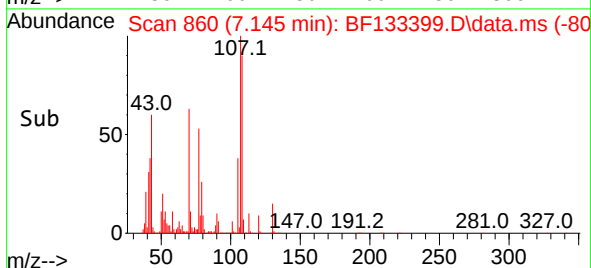
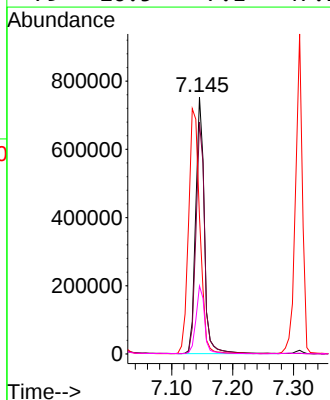
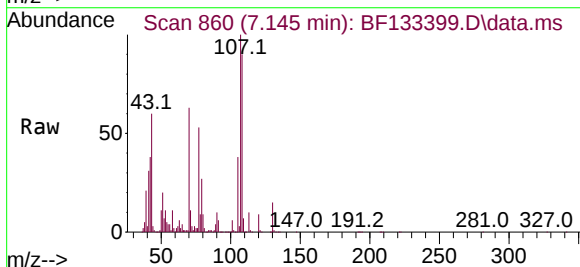
Manual Integrations
APPROVED

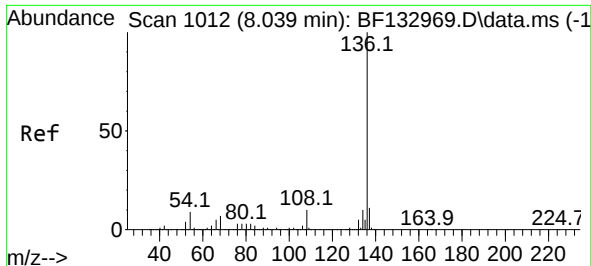
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#20
3+4-Methylphenols
Concen: 39.399 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:107 Resp: 738233
Ion Ratio Lower Upper
107 100
108 90.2 70.5 110.5
77 53.5 91.7 131.7#
79 26.5 7.1 47.1





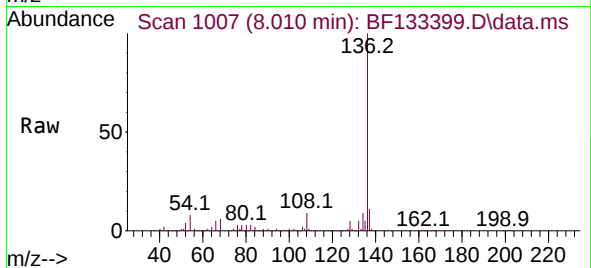
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

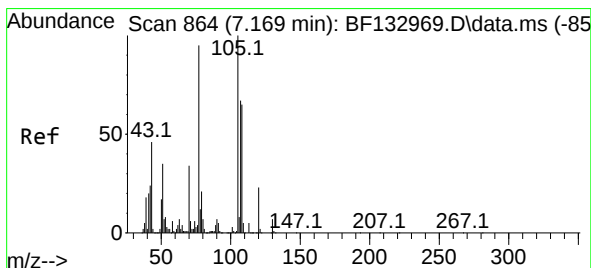
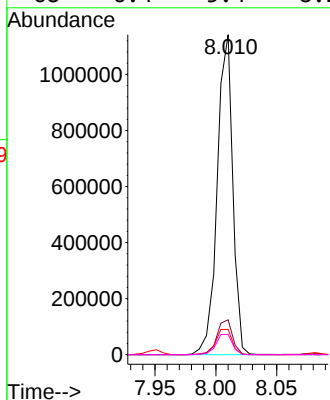
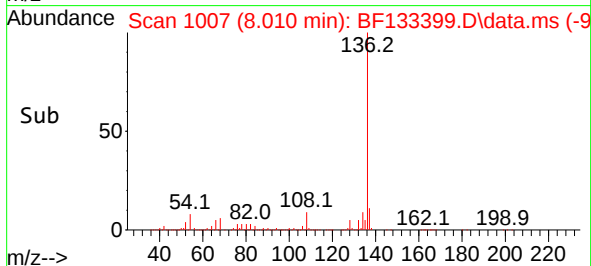


Tgt Ion:136 Resp: 1014869
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.0 10.4
68 6.4 5.4 8.2

Manual Integrations

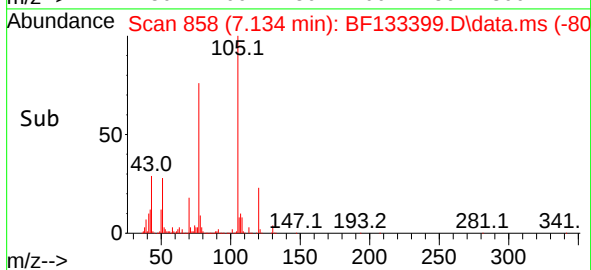
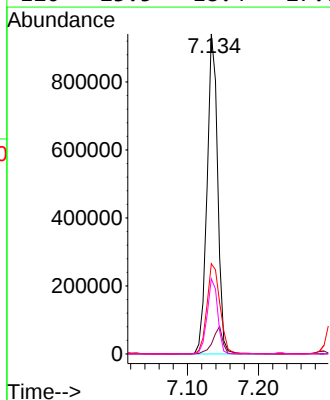
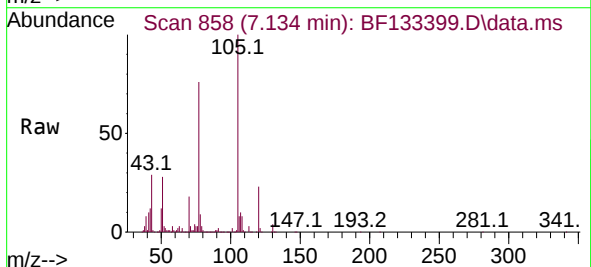
APPROVED

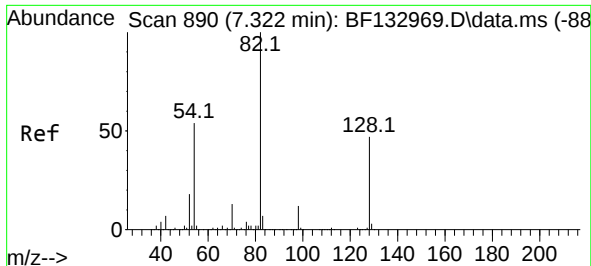
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#22
Acetophenone
Concen: 41.665 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

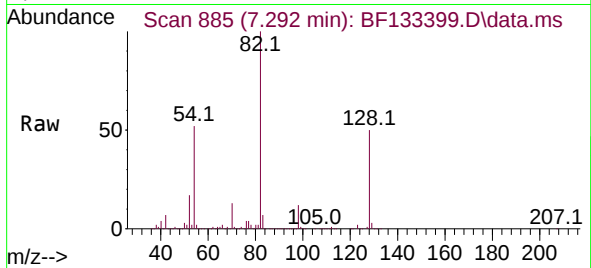
Tgt Ion:105 Resp: 979510
Ion Ratio Lower Upper
105 100
71 3.1 4.6 7.0#
51 28.2 28.2 42.2
120 23.5 18.4 27.6





#23
Nitrobenzene-d5
Concen: 61.847 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

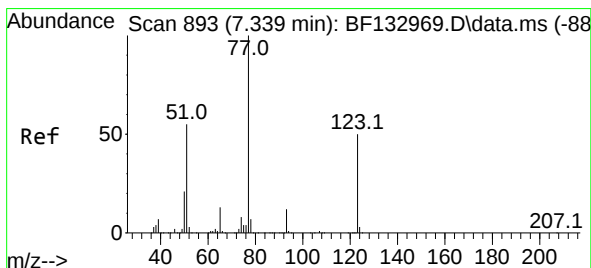
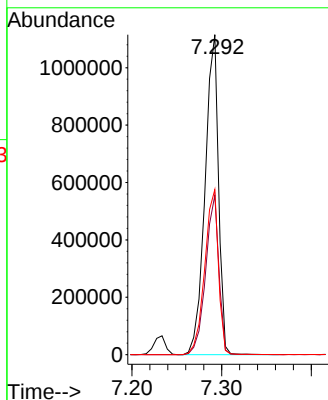
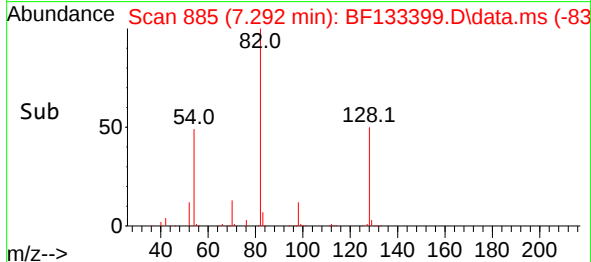
Instrument :
BNA_F
ClientSampleId :
PB152835BS



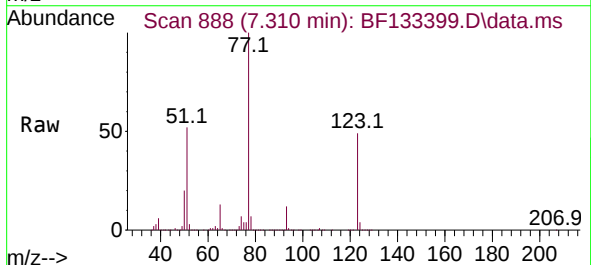
Tgt Ion: 82 Resp: 1162835
Ion Ratio Lower Upper
82 100
128 49.8 37.7 56.5
54 51.6 43.0 64.4

Manual Integrations
APPROVED

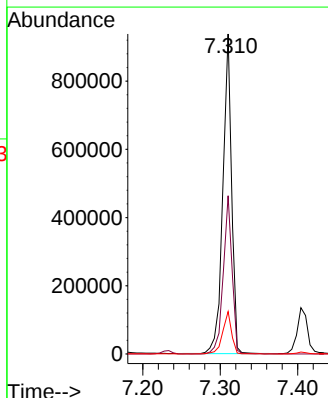
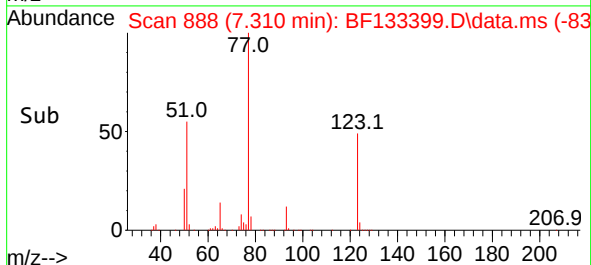
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

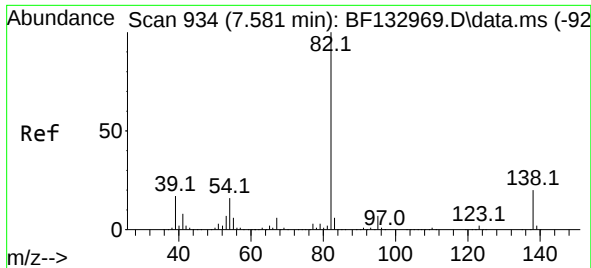


#24
Nitrobenzene
Concen: 38.789 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion: 77 Resp: 739036
Ion Ratio Lower Upper
77 100
123 49.5 39.9 59.9
65 13.2 10.7 16.1





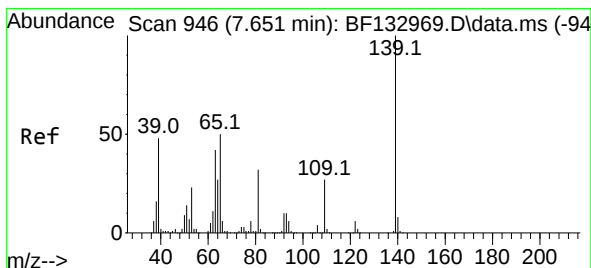
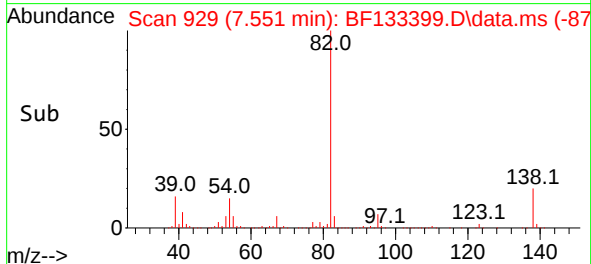
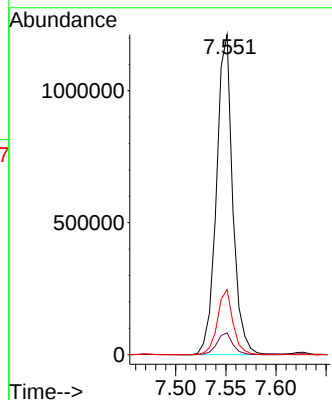
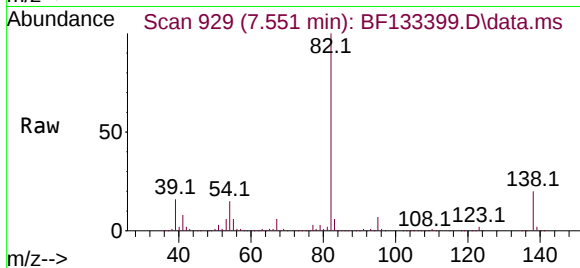
#25
Isophorone
Concen: 38.156 ng
RT: 7.551 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion: 82 Resp: 1362120
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.4 16.0 24.0

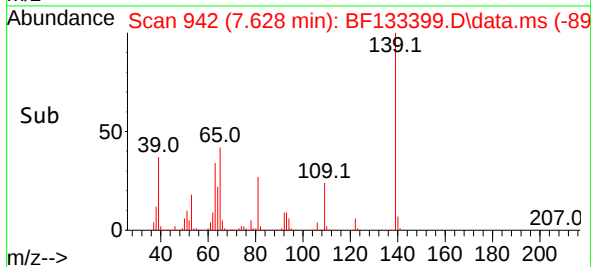
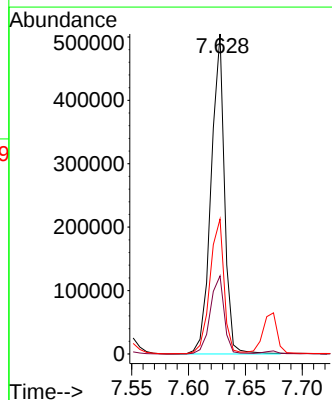
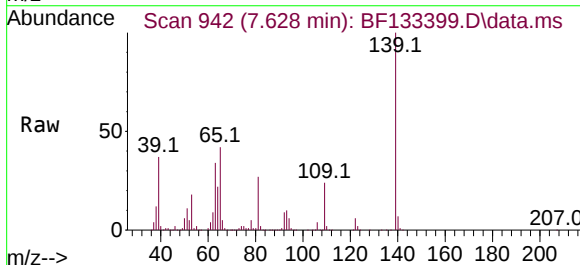
Manual Integrations
APPROVED

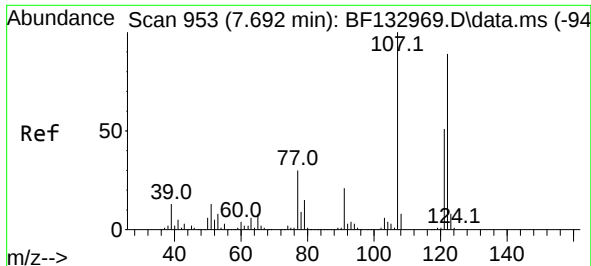
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#26
2-Nitrophenol
Concen: 45.106 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:139 Resp: 414506
Ion Ratio Lower Upper
139 100
109 24.4 21.6 32.4
65 42.1 39.8 59.6





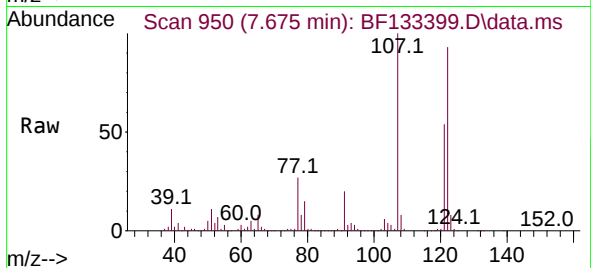
#27
2,4-Dimethylphenol
Concen: 41.880 ng
RT: 7.675 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

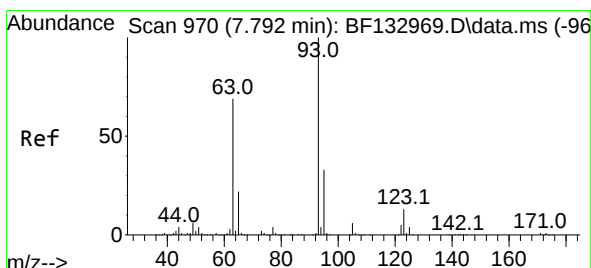
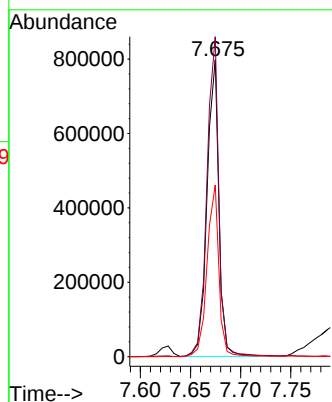
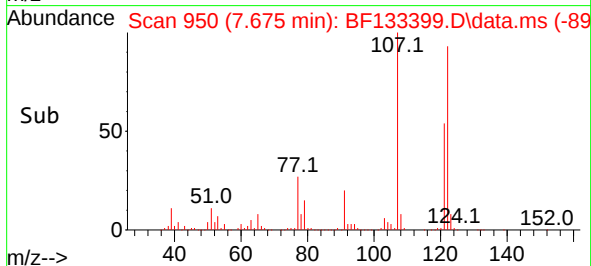


Tgt Ion:122 Resp: 65993
Ion Ratio Lower Upper
122 100
107 107.8 89.7 134.5
121 57.8 46.0 69.0

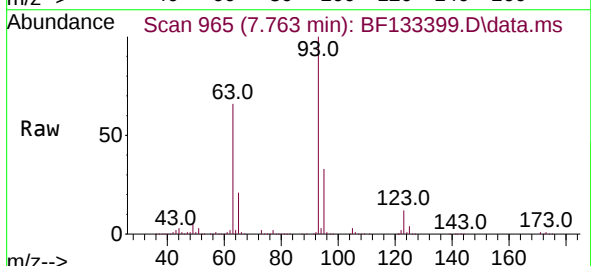
Manual Integrations

APPROVED

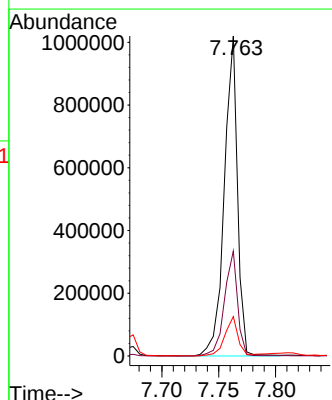
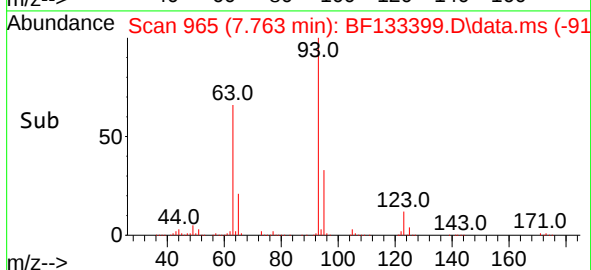
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

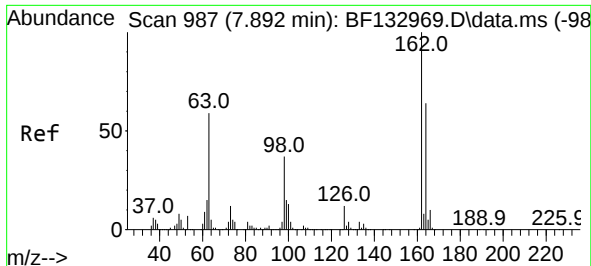


#28
bis(2-Chloroethoxy)methane
Concen: 39.067 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion: 93 Resp: 825049
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 42.133 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

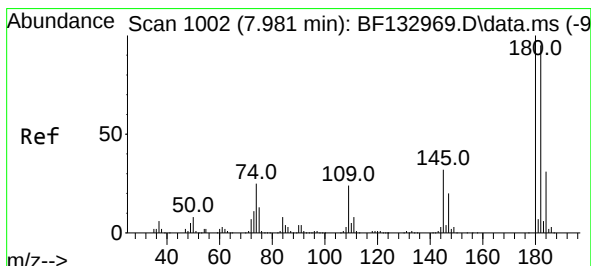
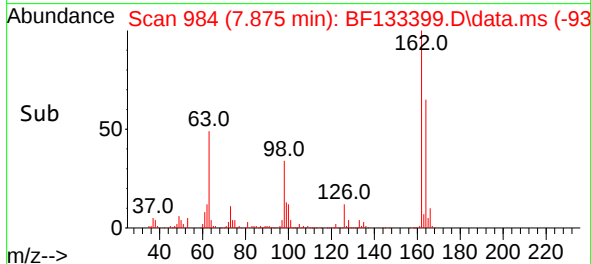
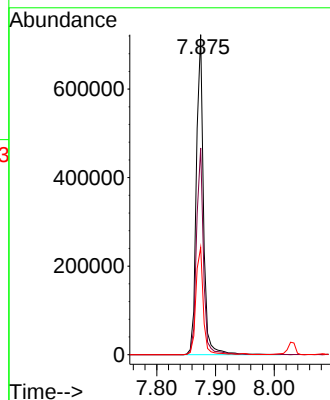
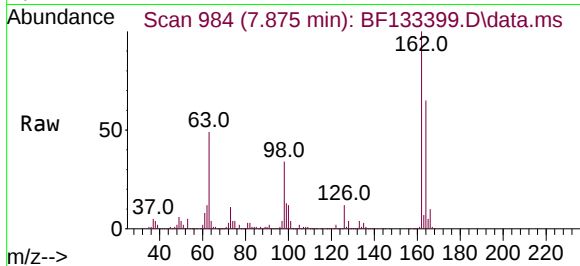
Tgt Ion:162 Resp: 60439

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.9	83.9
98	33.5	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.948 ng

RT: 7.951 min Scan# 997

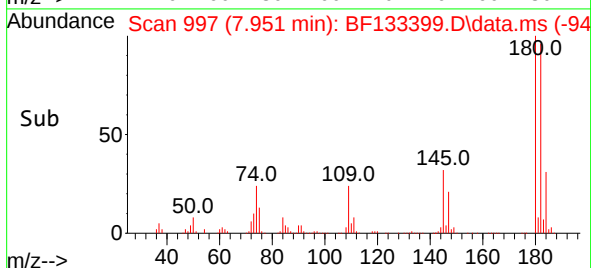
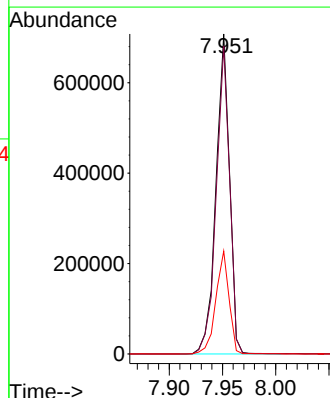
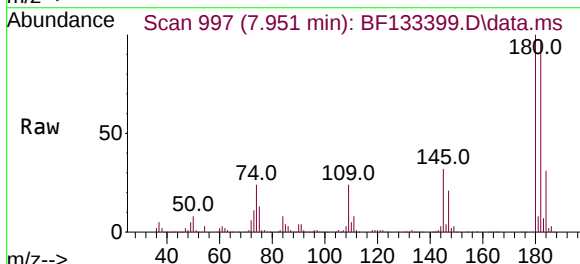
Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Tgt Ion:180 Resp: 623396

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.9	113.9
145	32.2	25.3	37.9





#31
Naphthalene
Concen: 39.480 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

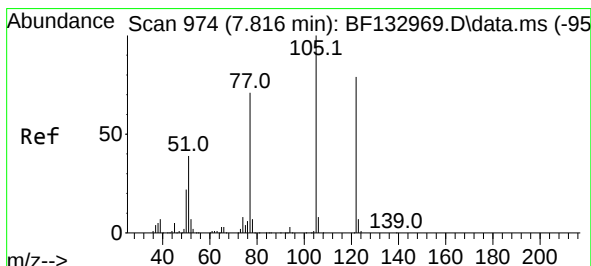
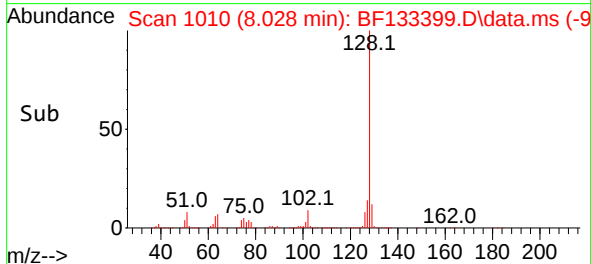
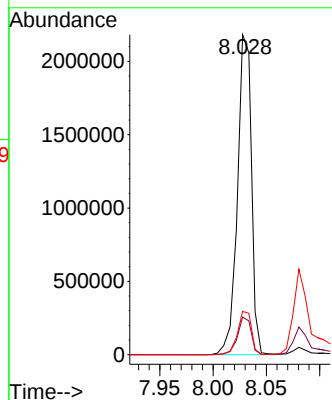
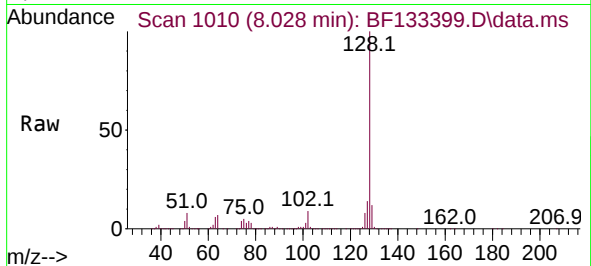
PB152835BS

Tgt Ion:128 Resp: 2003240
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.5 10.7 16.1

Manual Integrations

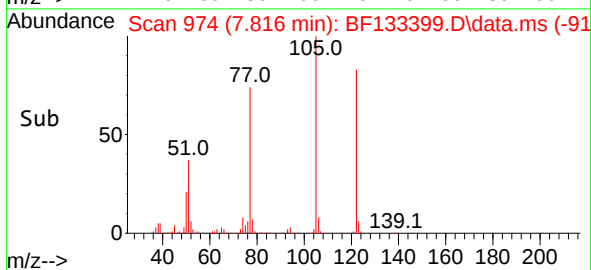
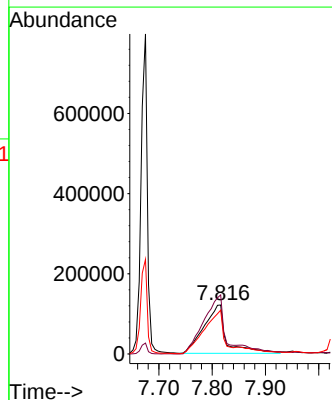
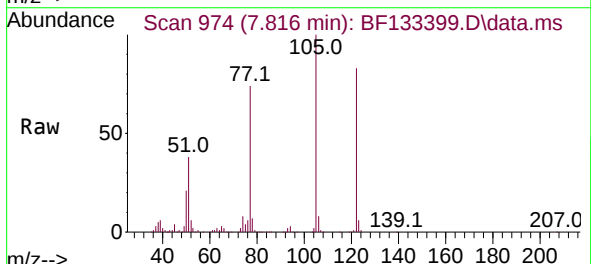
APPROVED

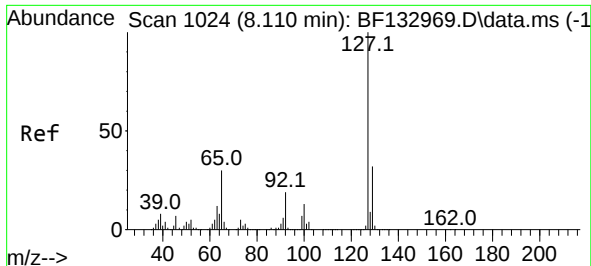
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#32
Benzoic acid
Concen: 36.697 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.024 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

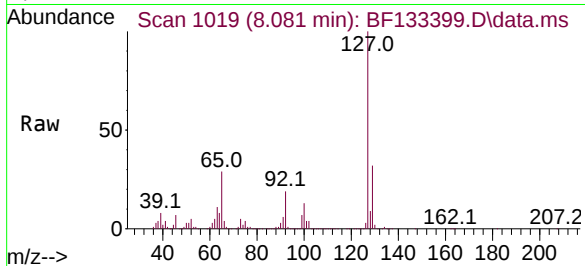
Tgt Ion:122 Resp: 357186
Ion Ratio Lower Upper
122 100
105 120.5 104.2 144.2
77 89.5 69.7 109.7





#33
4-Chloroaniline
Concen: 31.955 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

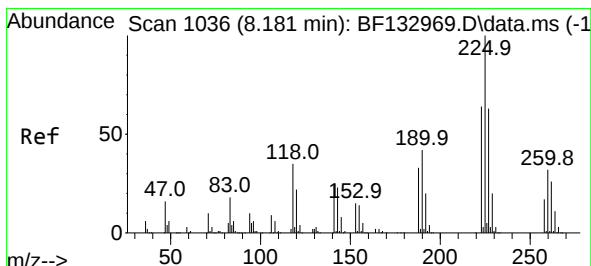
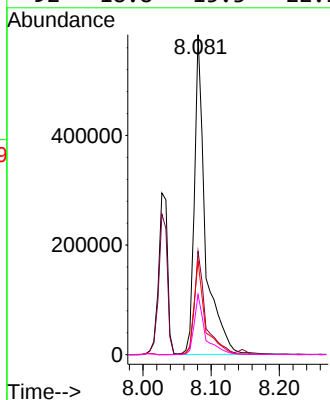
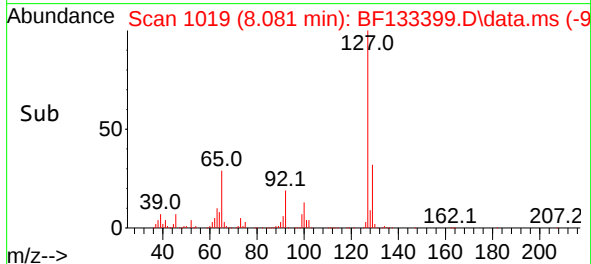
Instrument :
BNA_F
ClientSampleId :
PB152835BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	29.3	23.6	35.4
92	18.8	15.3	22.9

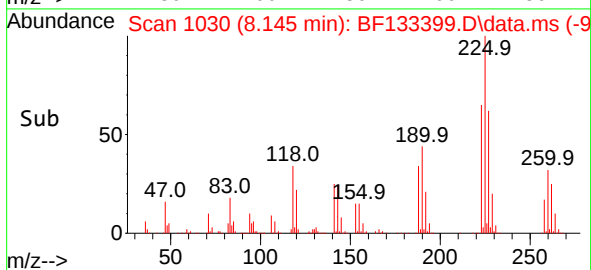
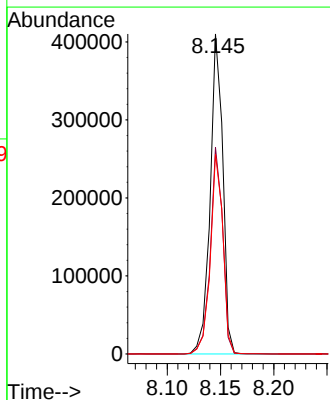
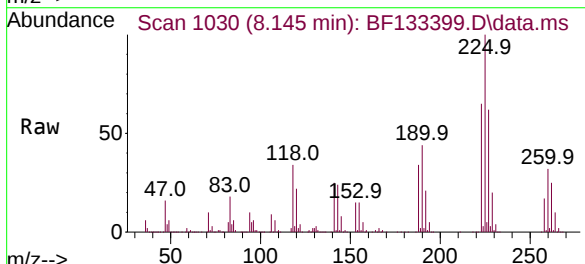
Manual Integrations
APPROVED

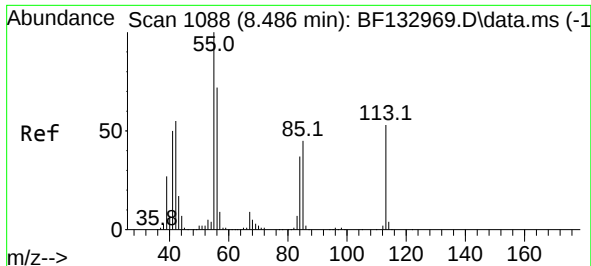
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#34
Hexachlorobutadiene
Concen: 40.945 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

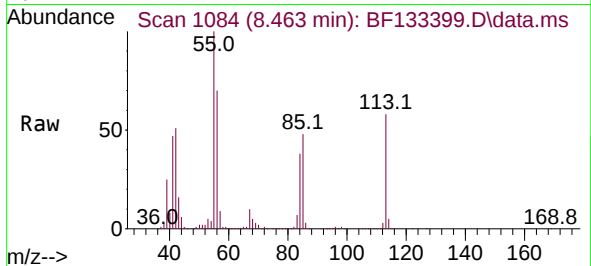
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.9	76.3
227	62.5	50.3	75.5





#35
 Caprolactam
 Concen: 44.505 ng m
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.006 min
 Lab File: BF133399.D
 Acq: 16 May 2023 13:20

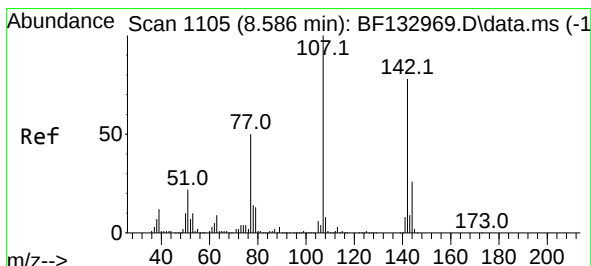
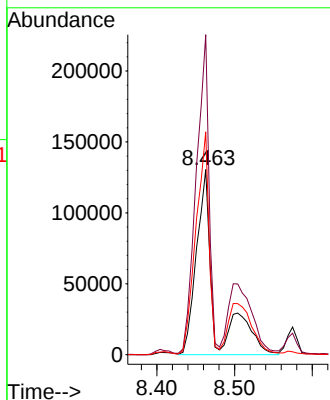
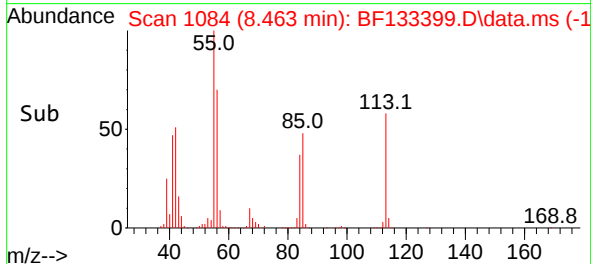
Instrument :
 BNA_F
 ClientSampleId :
 PB152835BS



Tgt Ion:113 Resp: 214469
 Ion Ratio Lower Upper
 113 100
 55 172.8 167.1 207.1
 56 120.4 114.5 154.5

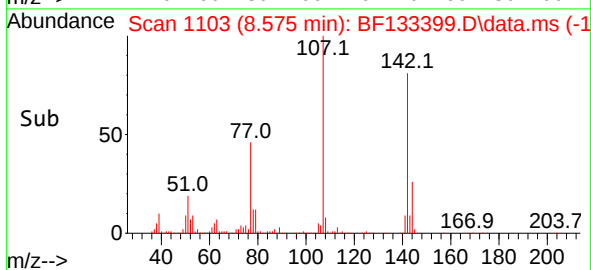
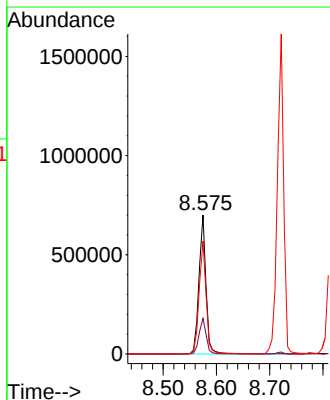
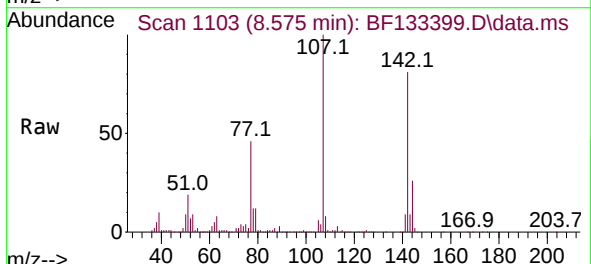
Manual Integrations
 APPROVED

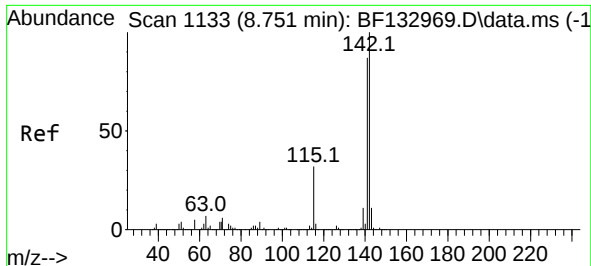
Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.596 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133399.D
 Acq: 16 May 2023 13:20

Tgt Ion:107 Resp: 643446
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 81.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.413 ng

RT: 8.722 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:142 Resp: 1332550

Ion Ratio Lower Upper

142 100

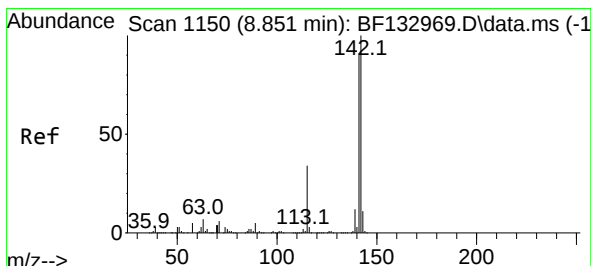
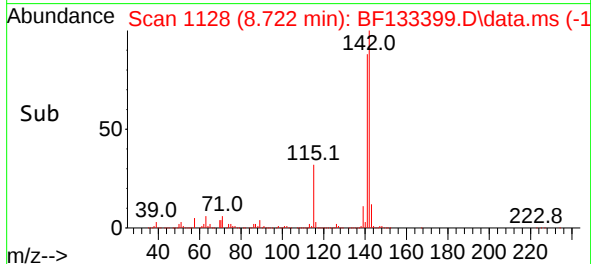
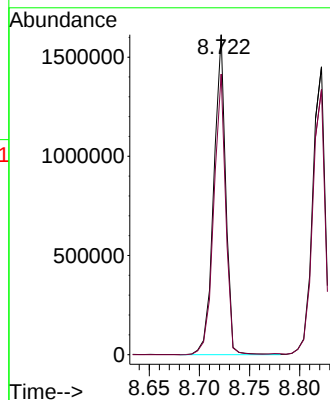
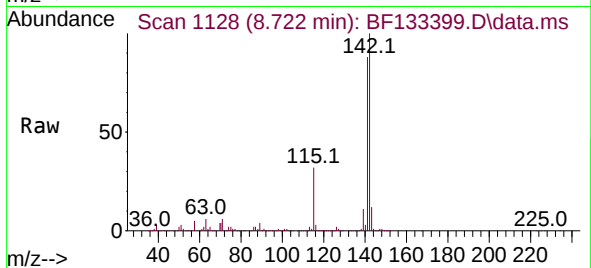
141 87.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#38

1-Methylnaphthalene

Concen: 38.185 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133399.D

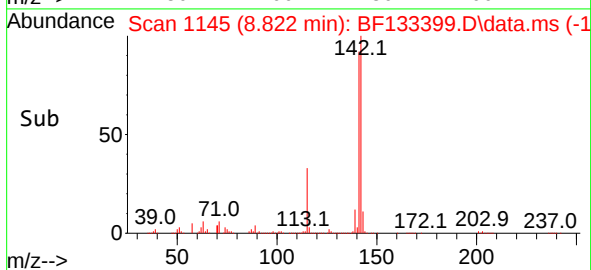
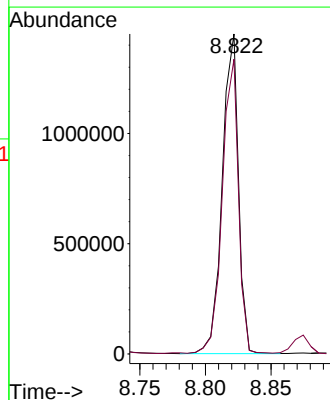
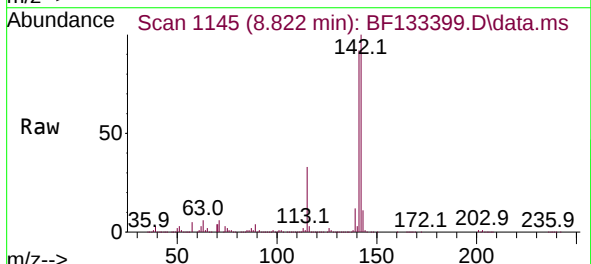
Acq: 16 May 2023 13:20

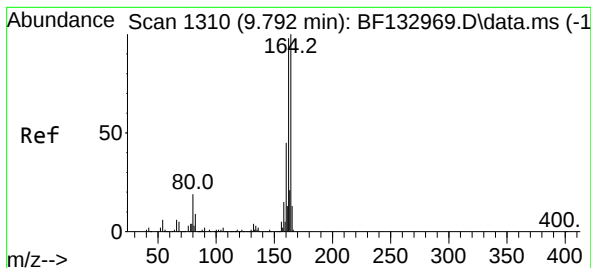
Tgt Ion:142 Resp: 1239156

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF133399.D

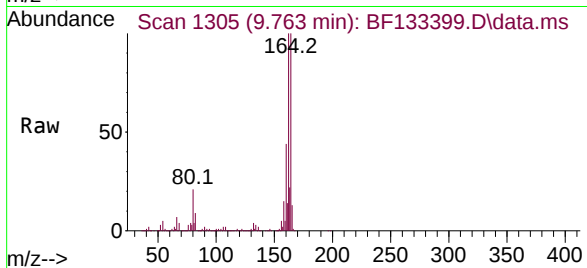
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS



Tgt Ion:164 Resp: 52034

Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

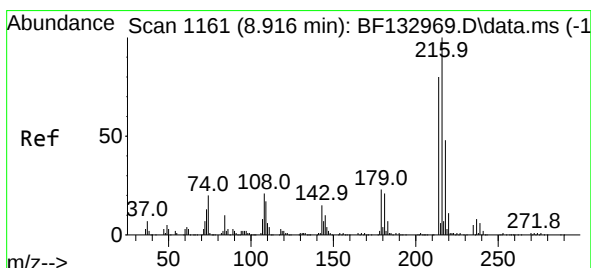
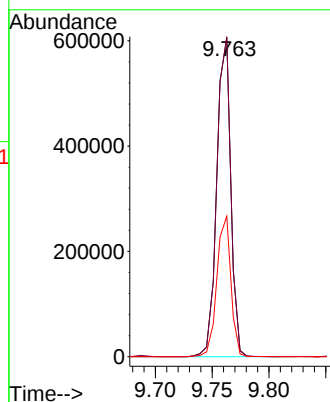
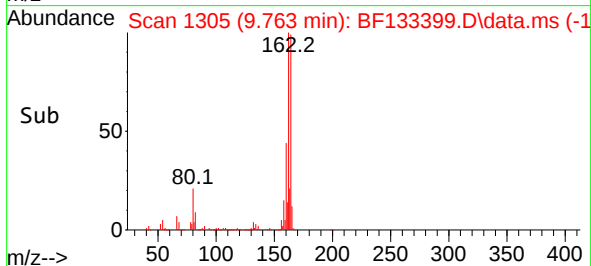
160 44.1 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.094 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Tgt Ion:216 Resp: 560936

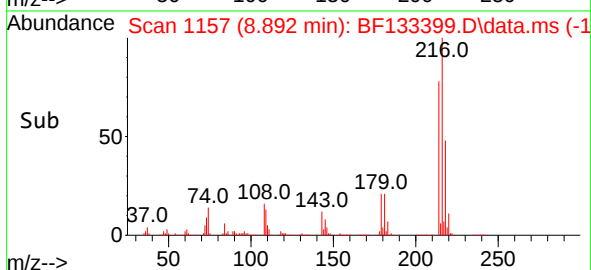
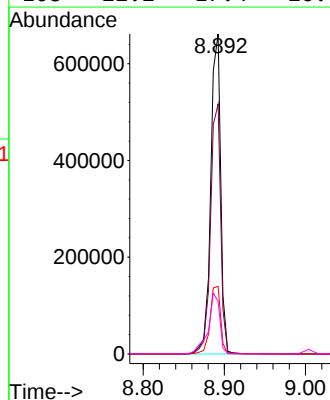
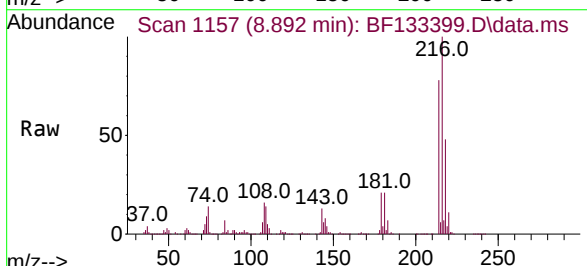
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 22.3 17.4 26.2

108 22.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 73.853 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

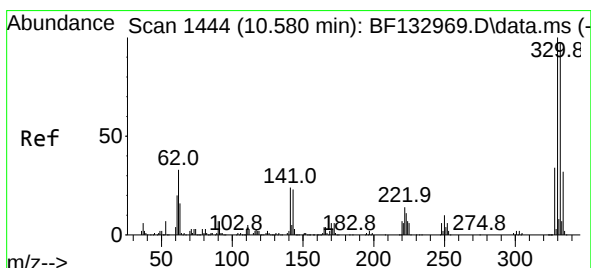
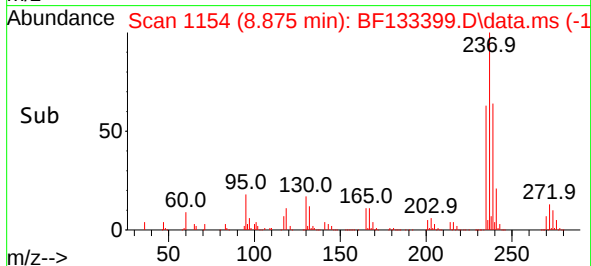
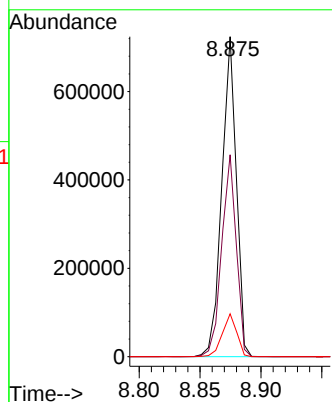
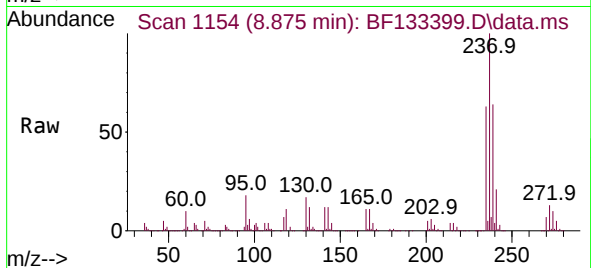
PB152835BS

Tgt Ion:237 Resp: 602590
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 13.4 0.0 32.7

Manual Integrations

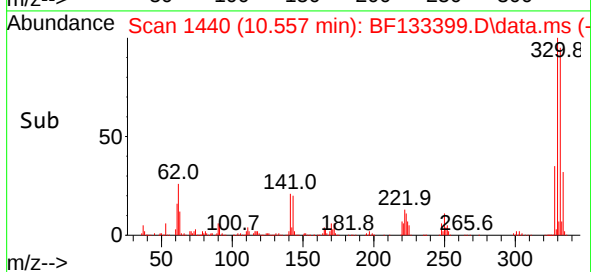
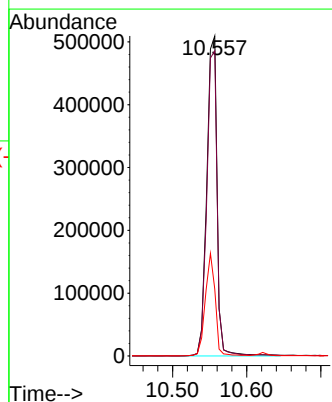
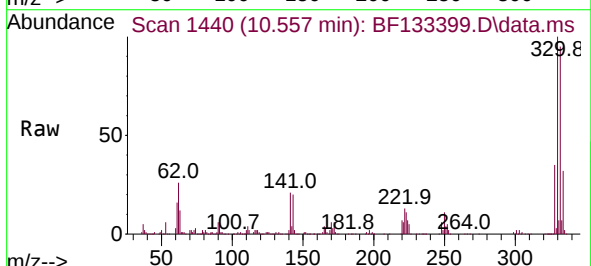
APPROVED

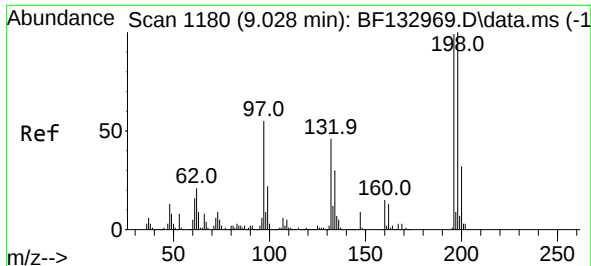
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#42
2,4,6-Tribromophenol
Concen: 94.383 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:330 Resp: 493913
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.6 25.8 38.8





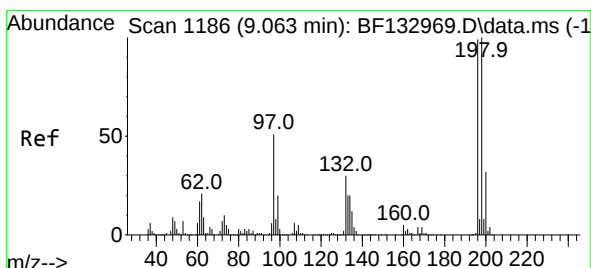
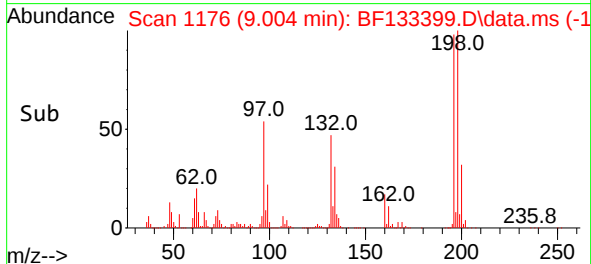
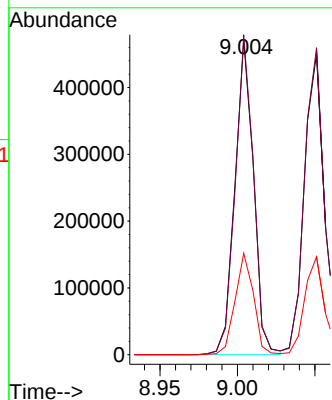
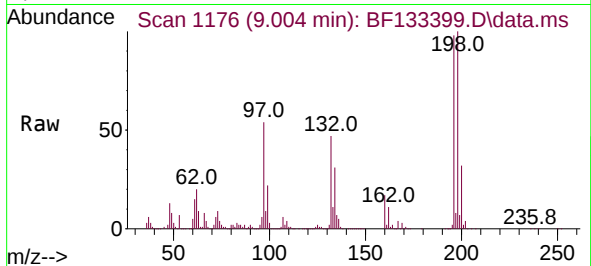
#43
2,4,6-Trichlorophenol
Concen: 40.697 ng
RT: 9.004 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:196 Resp: 393769
Ion Ratio Lower Upper
196 100
198 101.8 81.0 121.6
200 32.2 26.1 39.1

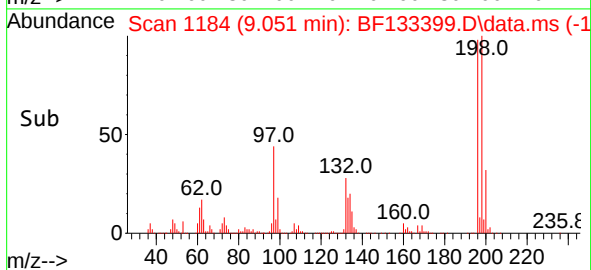
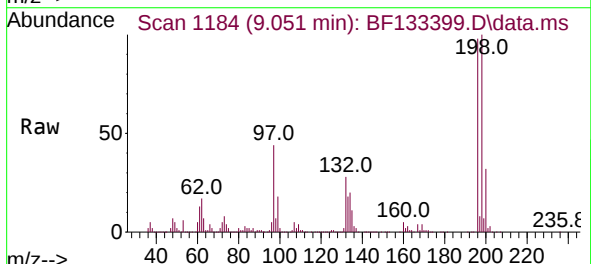
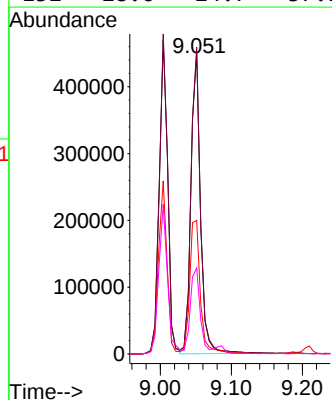
Manual Integrations
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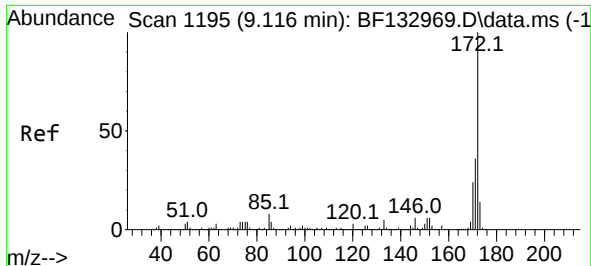
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#44
2,4,5-Trichlorophenol
Concen: 37.802 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

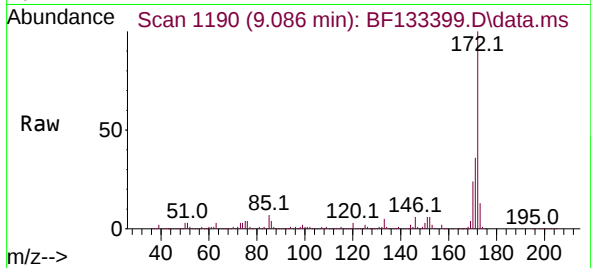
Tgt Ion:196 Resp: 423004
Ion Ratio Lower Upper
196 100
198 102.0 80.9 121.3
97 44.4 41.3 61.9
132 28.6 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 66.416 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

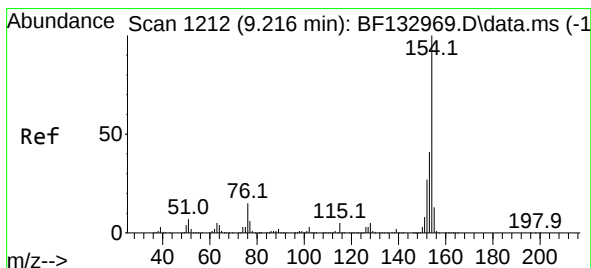
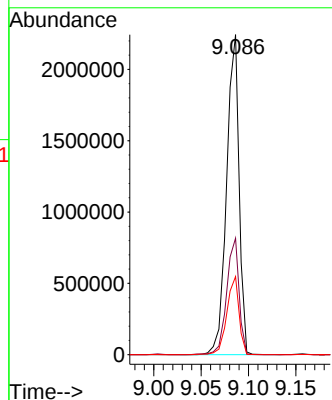
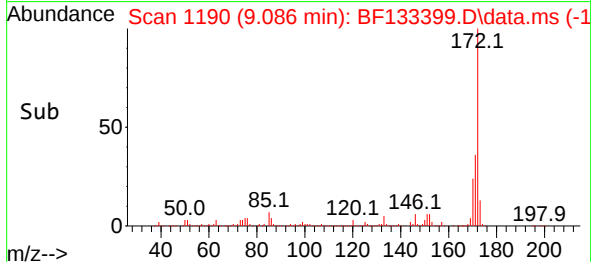
Instrument :
BNA_F
ClientSampleId :
PB152835BS



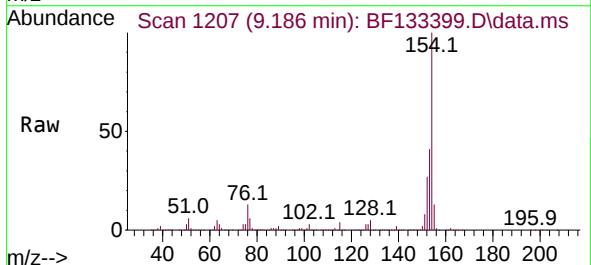
Tgt Ion:172 Resp: 2065724
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.4 19.4 29.2

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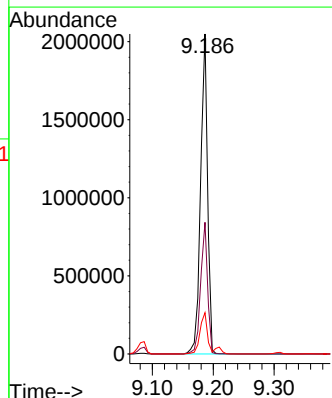
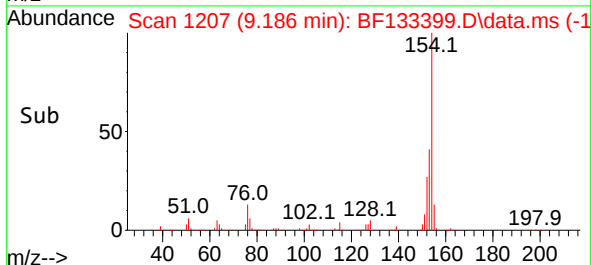
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

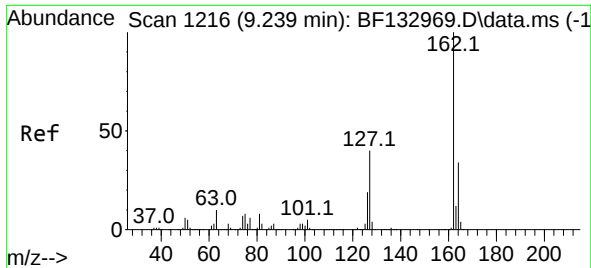


#46
1,1'-Biphenyl
Concen: 39.701 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion:154 Resp: 1638126
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 12.9 0.0 34.5





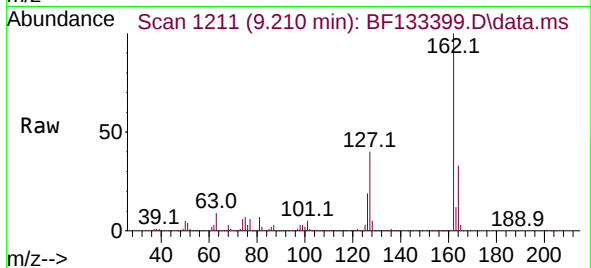
#47
2-Chloronaphthalene
Concen: 41.254 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

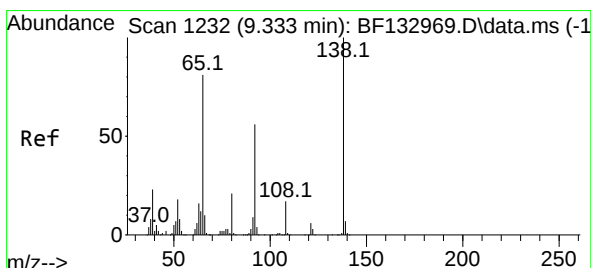
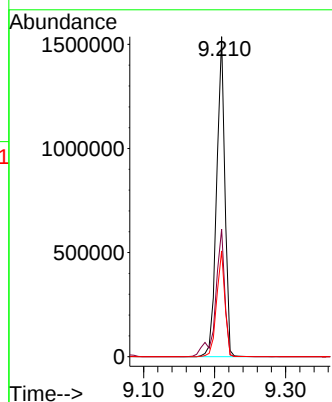
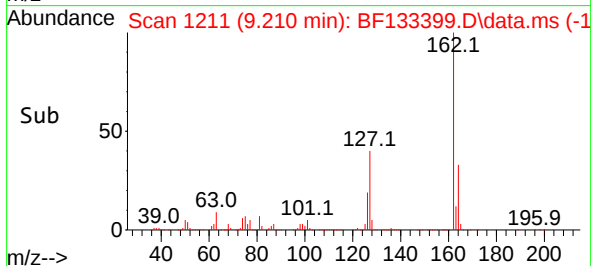


Tgt Ion:162 Resp: 124587
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 33.1 26.8 40.2

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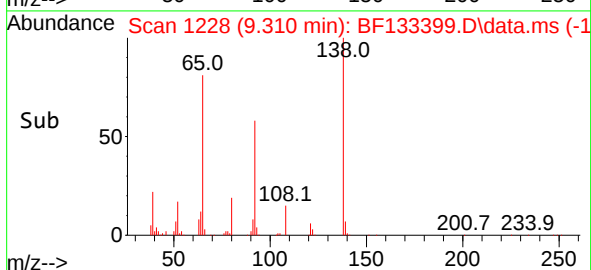
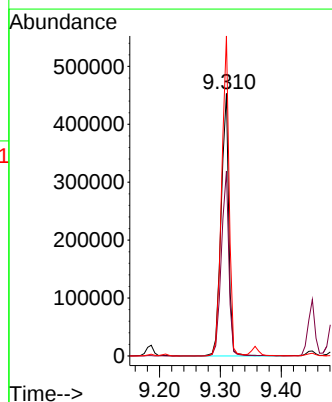
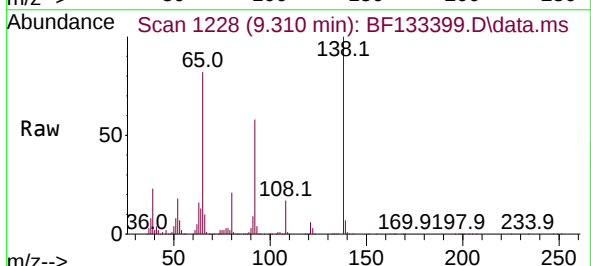
APPROVED

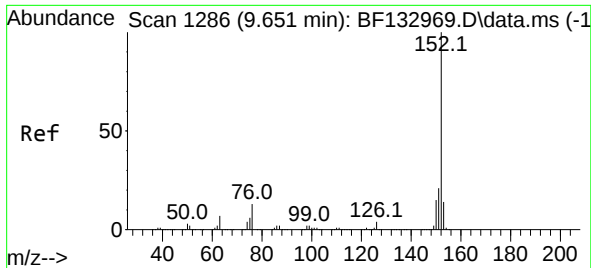
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#48
2-Nitroaniline
Concen: 39.550 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion: 65 Resp: 394749
Ion Ratio Lower Upper
65 100
92 70.5 55.4 83.0
138 122.0 98.2 147.2





#49

Acenaphthylene

Concen: 39.451 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:152 Resp: 1903754

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

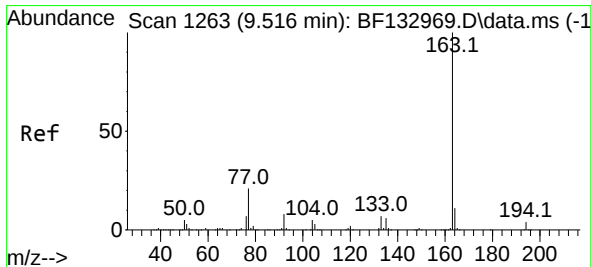
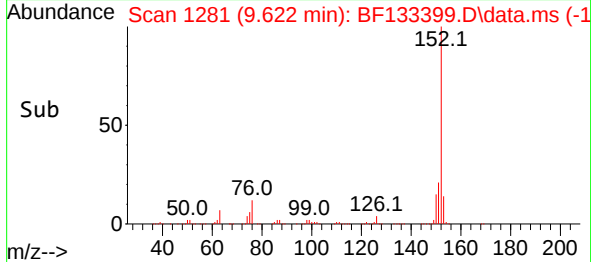
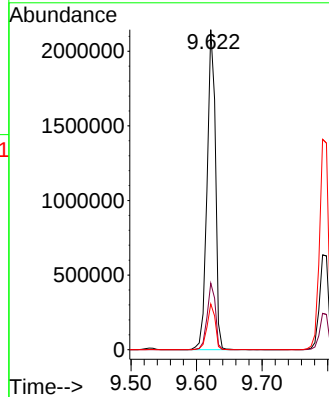
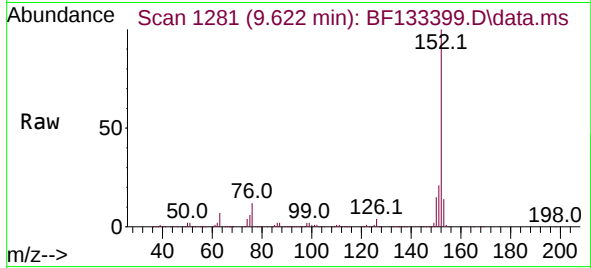
153 14.3 11.5 17.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#50

Dimethylphthalate

Concen: 40.236 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

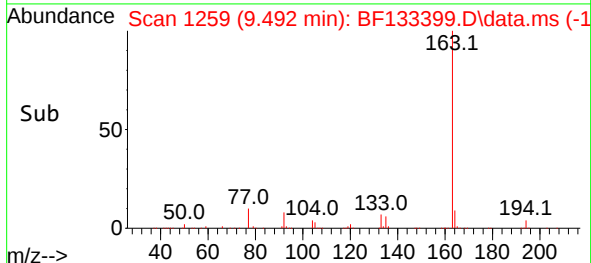
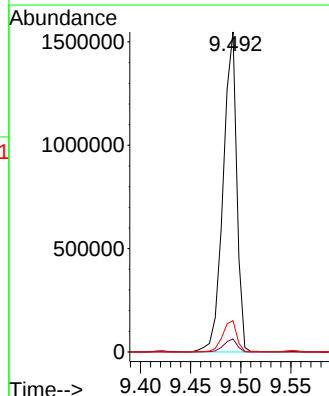
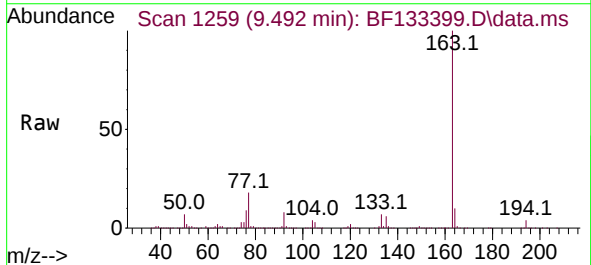
Tgt Ion:163 Resp: 1459881

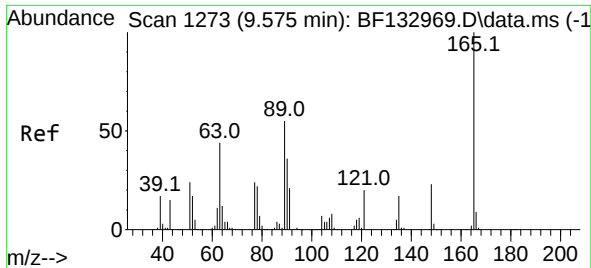
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.5 12.7





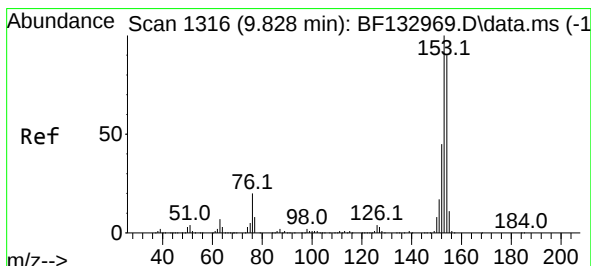
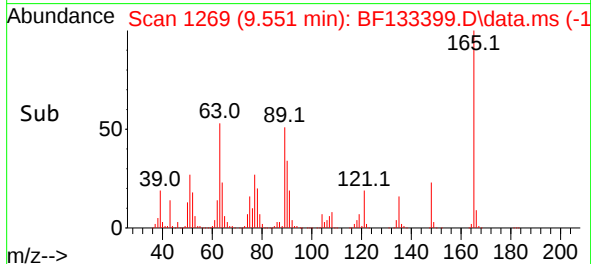
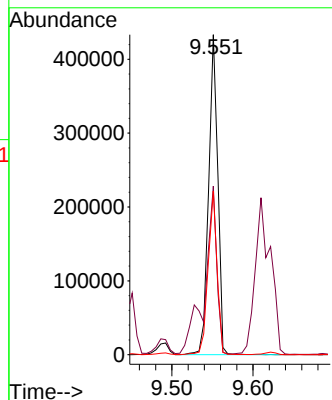
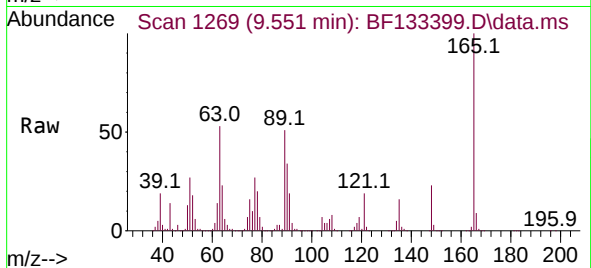
#51
2,6-Dinitrotoluene
Concen: 41.321 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:165 Resp: 33744
Ion Ratio Lower Upper
165 100
63 52.7 45.9 68.9
89 51.2 44.0 66.0

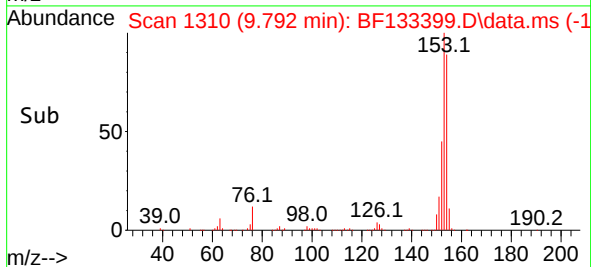
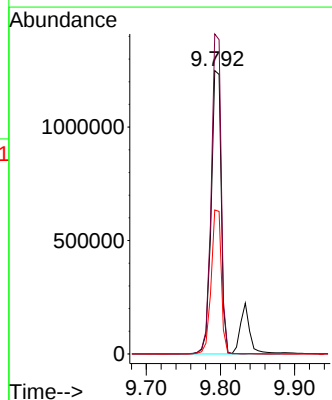
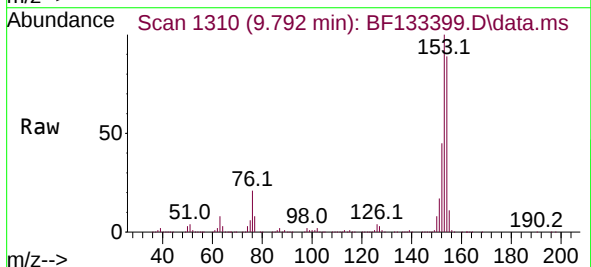
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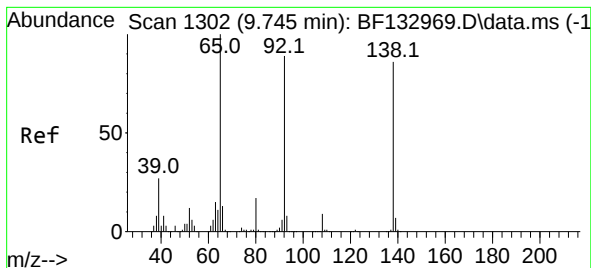
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#52
Acenaphthene
Concen: 42.524 ng m
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:154 Resp: 1374362
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 50.8 40.4 60.6





#53

3-Nitroaniline

Concen: 31.866 ng

RT: 9.722 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

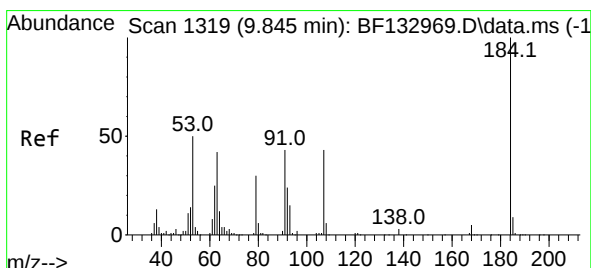
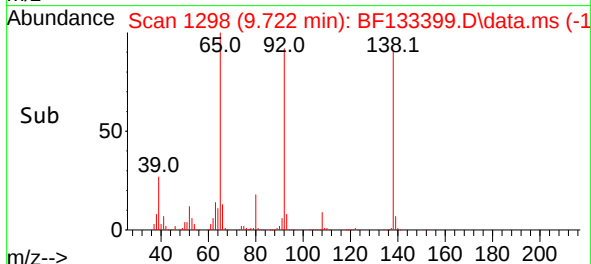
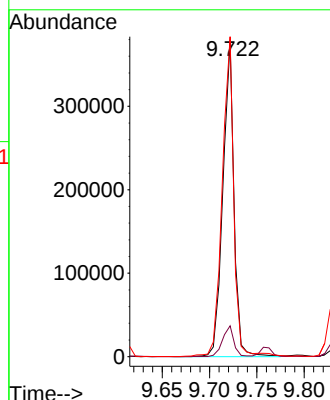
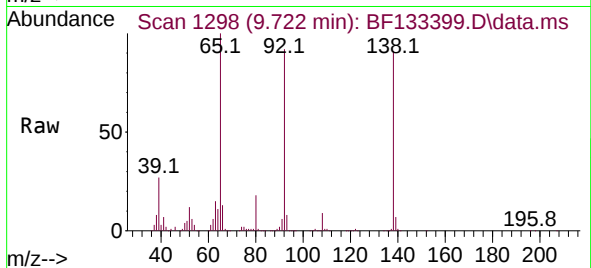
PB152835BS

Tgt Ion:138 Resp: 30941
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.0 12.0
 92 101.3 83.6 125.4

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Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023



#54

2,4-Dinitrophenol

Concen: 80.850 ng

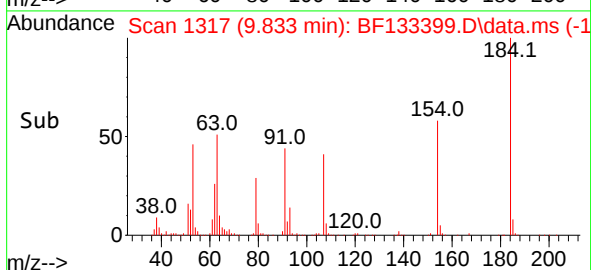
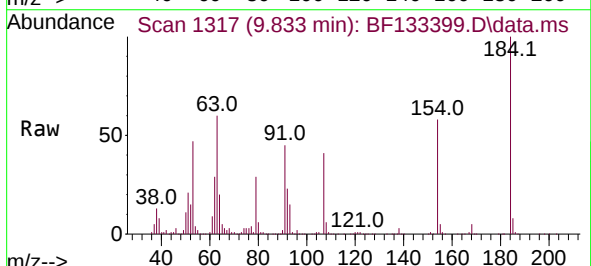
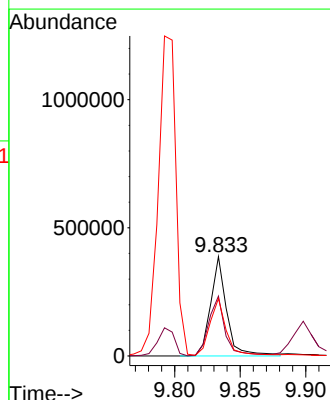
RT: 9.833 min Scan# 1317

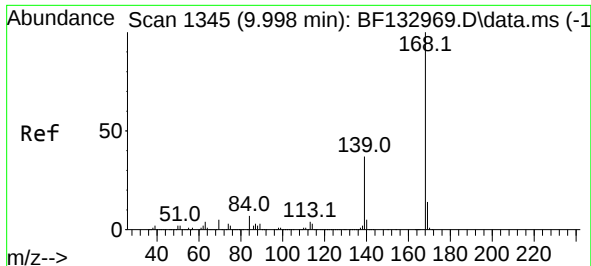
Delta R.T. 0.012 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Tgt Ion:184 Resp: 331871
 Ion Ratio Lower Upper
 184 100
 63 60.2 49.8 74.8
 154 57.7 49.5 74.3





#55
Dibenzenofuran
Concen: 37.844 ng
RT: 9.969 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

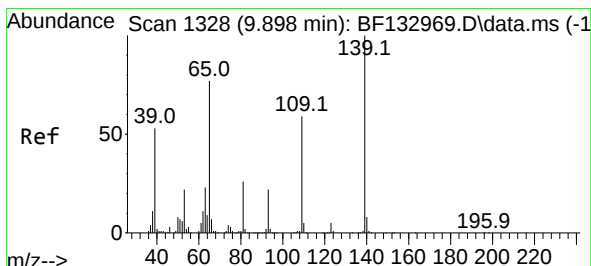
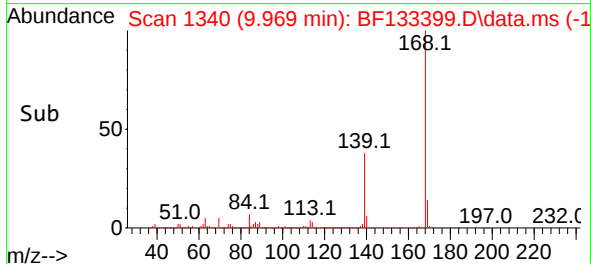
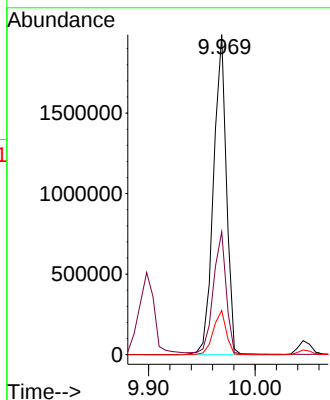
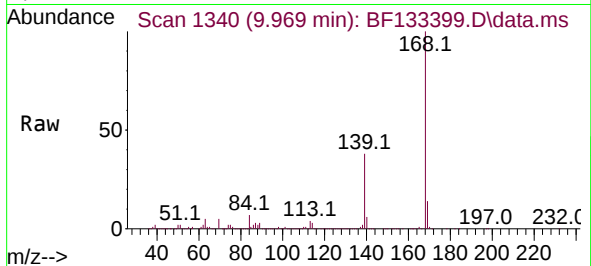
ClientSampleId :

PB152835BS

Tgt Ion:168 Resp: 166843
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2

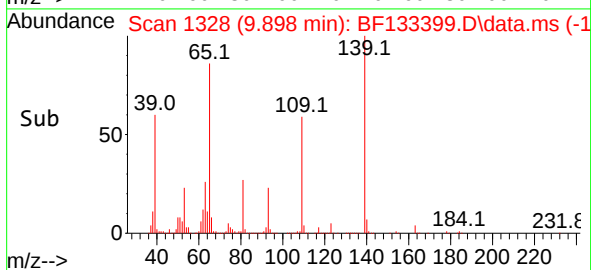
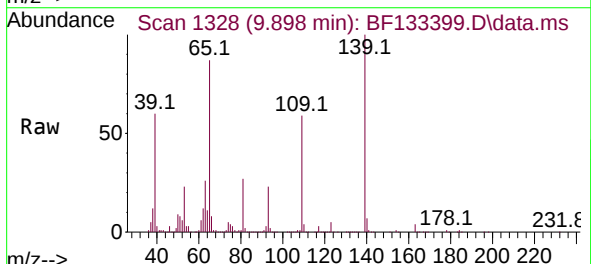
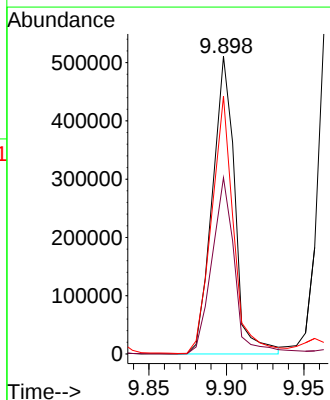
Manual Integrations
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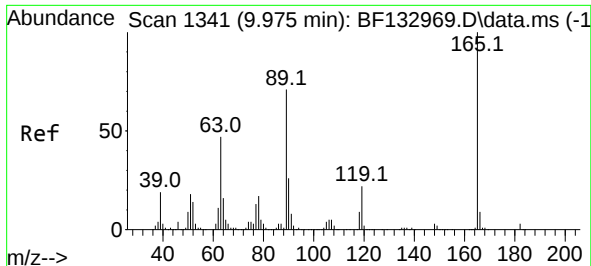
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#56
4-Nitrophenol
Concen: 68.632 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:139 Resp: 516148
Ion Ratio Lower Upper
139 100
109 59.2 39.4 79.4
65 86.6 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 40.644 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:165 Resp: 42327

Ion Ratio Lower Upper

165 100

63 44.0 37.7 56.5

89 68.0 57.0 85.4

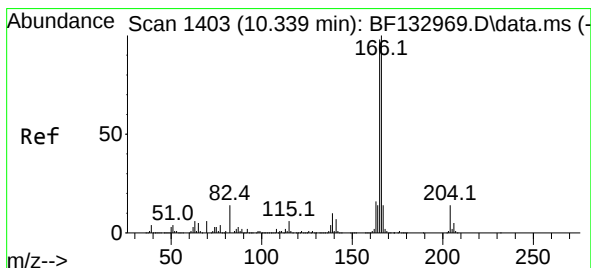
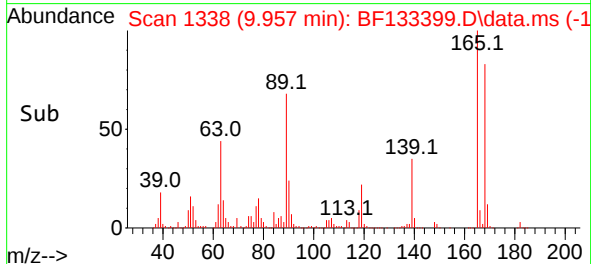
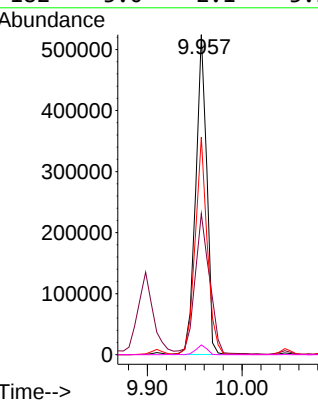
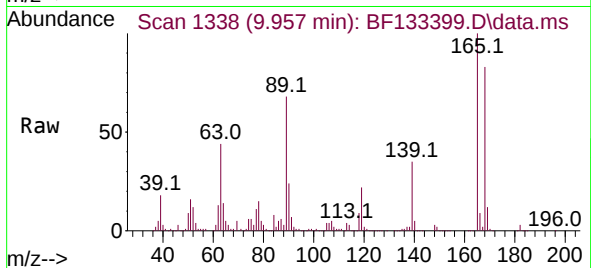
182 3.0 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#58

Fluorene

Concen: 39.503 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

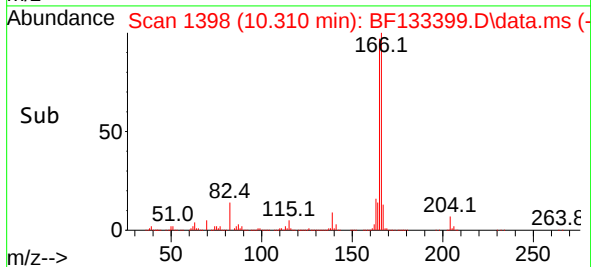
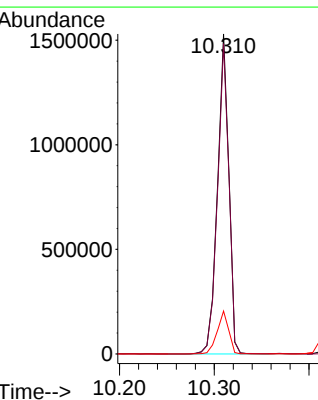
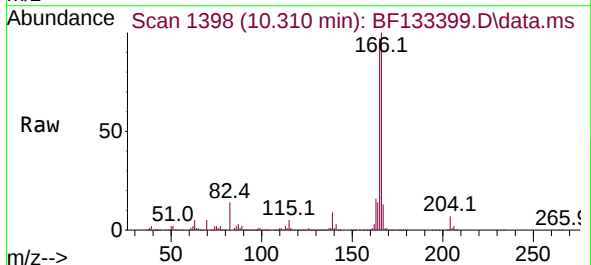
Tgt Ion:166 Resp: 1275943

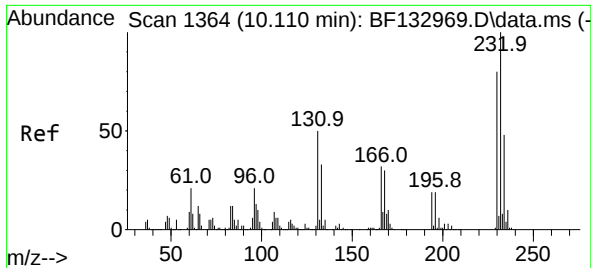
Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

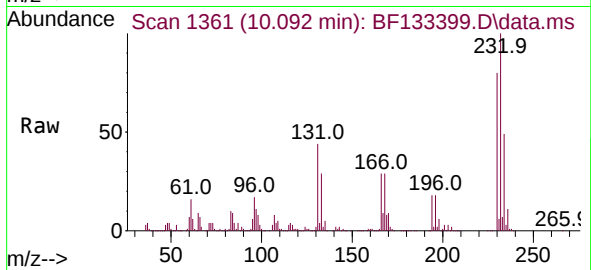
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.095 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

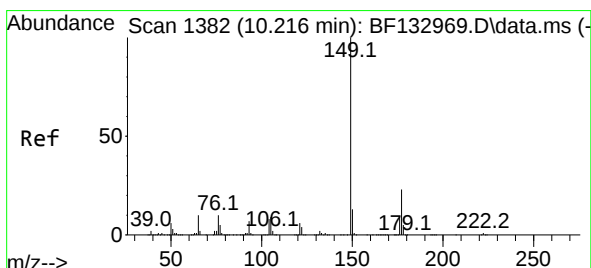
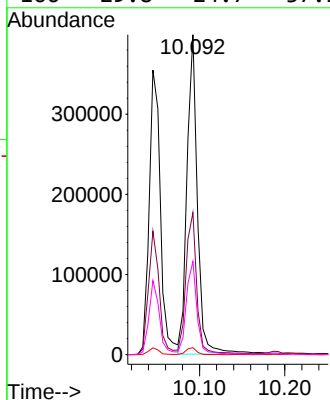
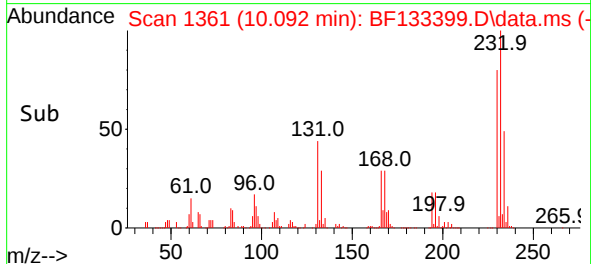
Instrument :
BNA_F
ClientSampleId :
PB152835BS



Tgt Ion:232 Resp: 33915
Ion Ratio Lower Upper
232 100
131 46.0 38.0 57.0
130 2.4 1.8 2.8
166 29.8 24.7 37.1

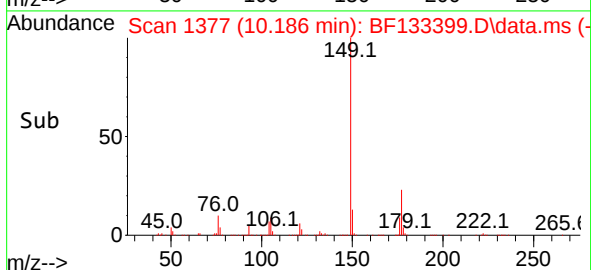
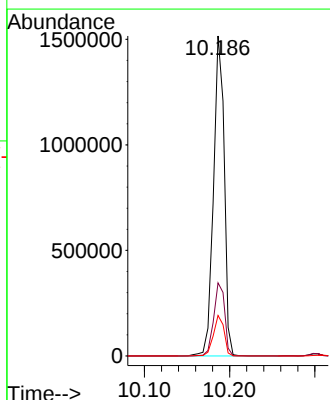
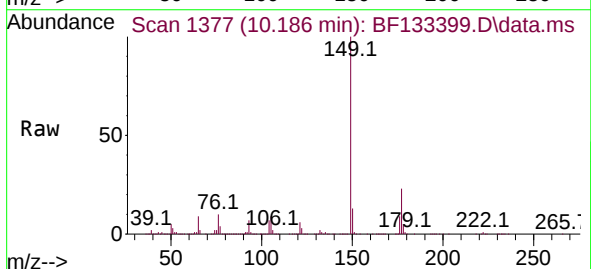
Manual Integrations
APPROVED

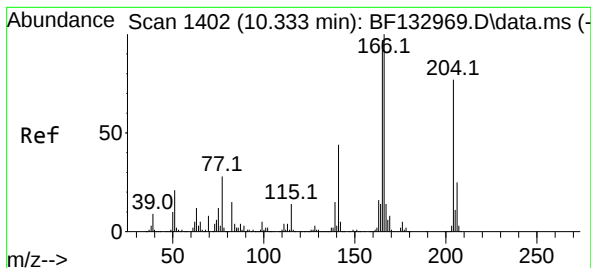
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#60
Diethylphthalate
Concen: 38.744 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:149 Resp: 1327810
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.6 10.2 15.4





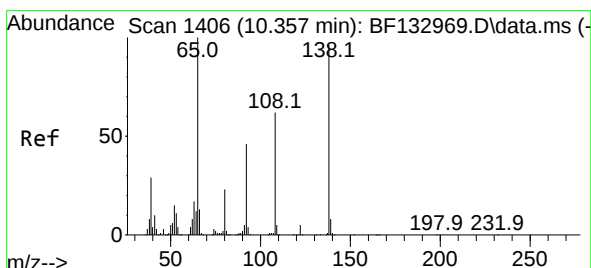
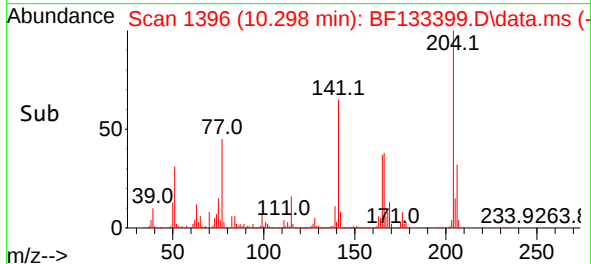
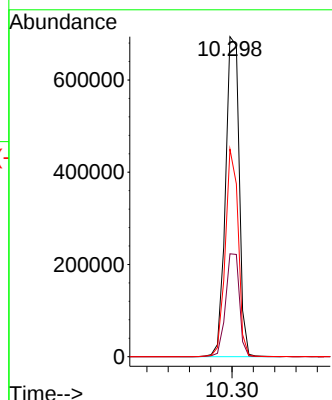
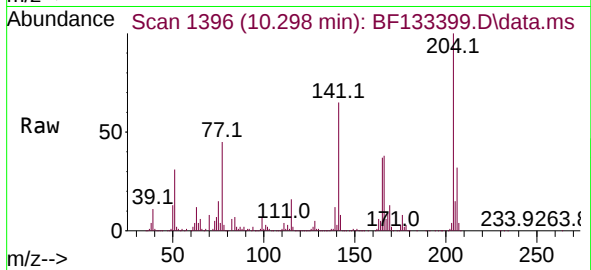
#61
4-Chlorophenyl-phenylether
Concen: 39.211 ng
RT: 10.298 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:204 Resp: 61718
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 64.8 46.1 69.1

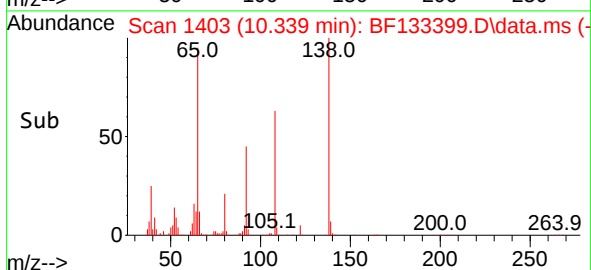
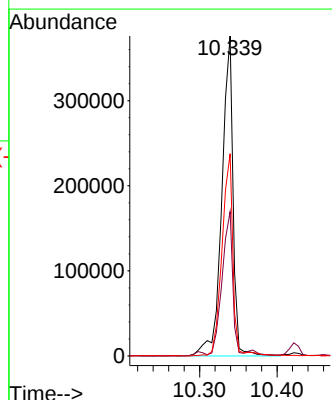
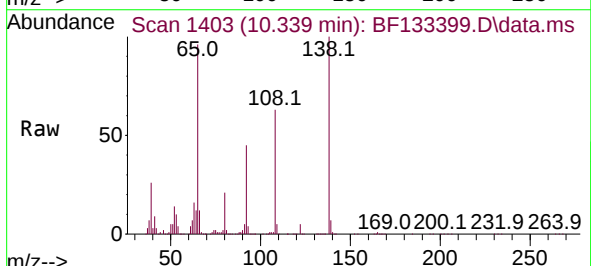
Manual Integrations
APPROVED

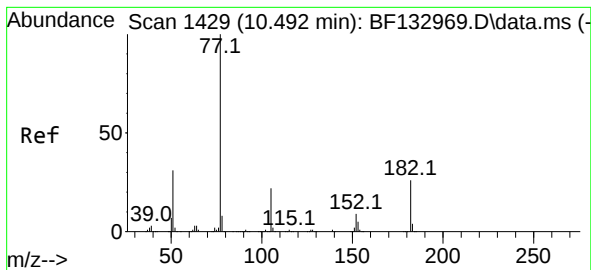
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#62
4-Nitroaniline
Concen: 42.684 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

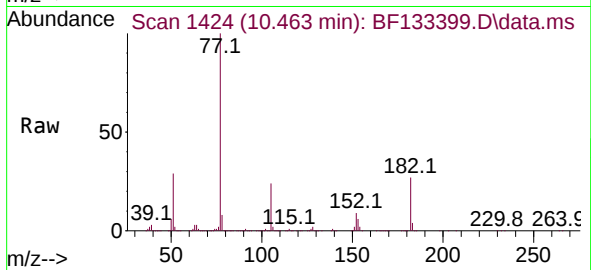
Tgt Ion:138 Resp: 380928
Ion Ratio Lower Upper
138 100
92 45.1 27.7 67.7
108 63.2 45.2 85.2





#63
Azobenzene
Concen: 36.595 ng
RT: 10.463 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

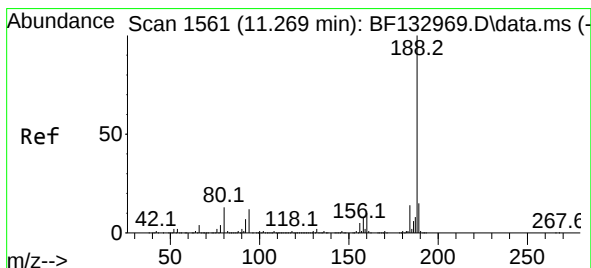
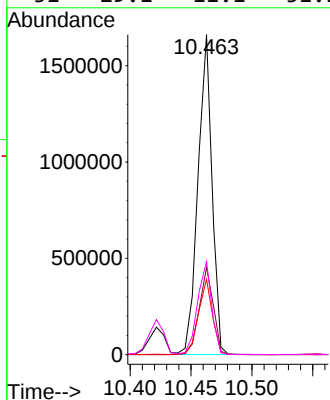
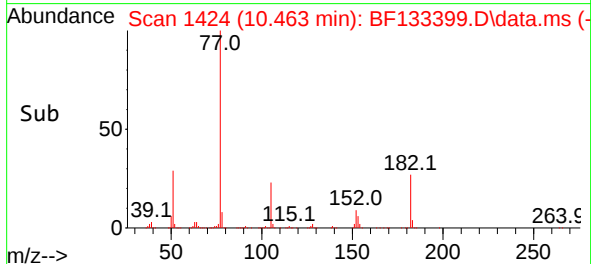
Instrument :
BNA_F
ClientSampleId :
PB152835BS



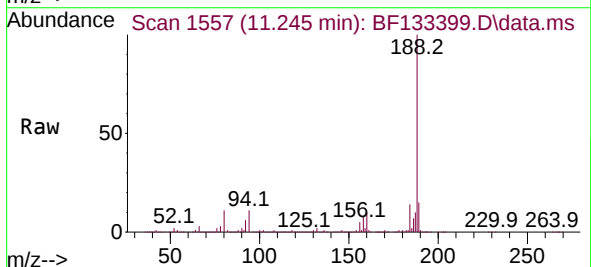
Tgt Ion: 77 Resp: 132856
Ion Ratio Lower Upper
77 100
182 27.3 5.9 45.9
105 23.5 2.3 42.3
51 29.1 11.1 51.1

Manual Integrations
APPROVED

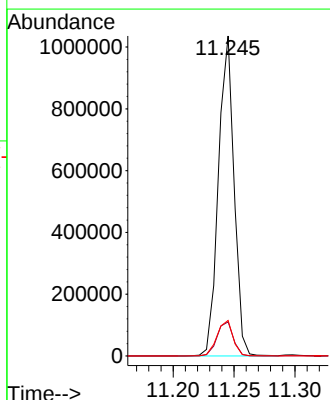
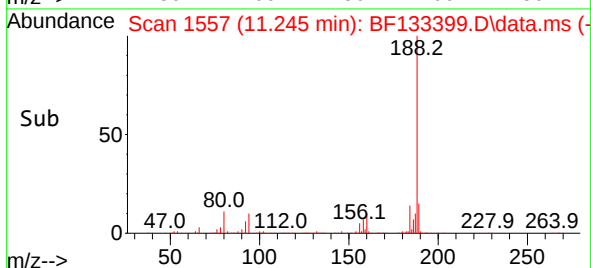
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

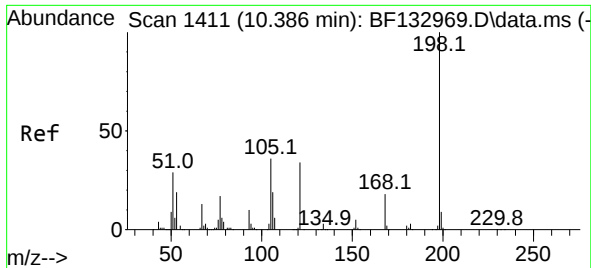


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion:188 Resp: 928240
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 11.1 10.4 15.6





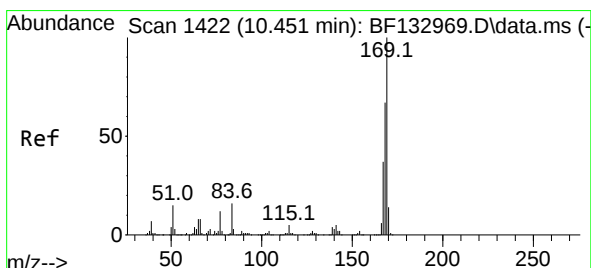
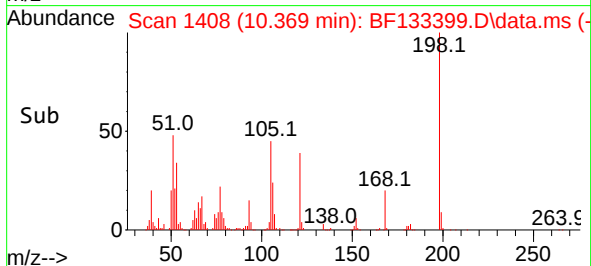
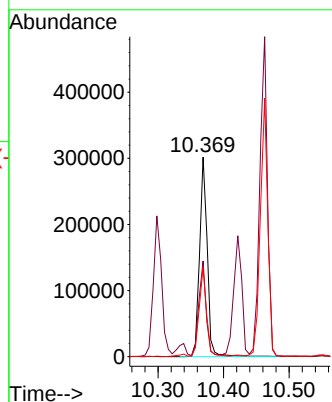
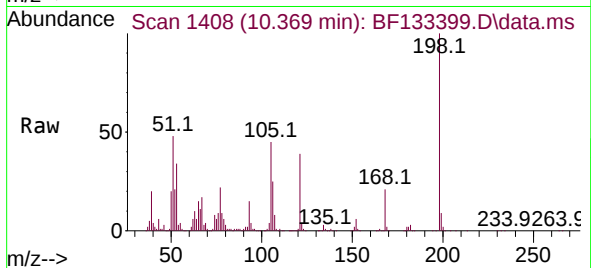
#65
4,6-Dinitro-2-methylphenol
Concen: 43.996 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:198 Resp: 24753
Ion Ratio Lower Upper
198 100
51 47.9 15.5 55.5
105 44.7 16.7 56.7

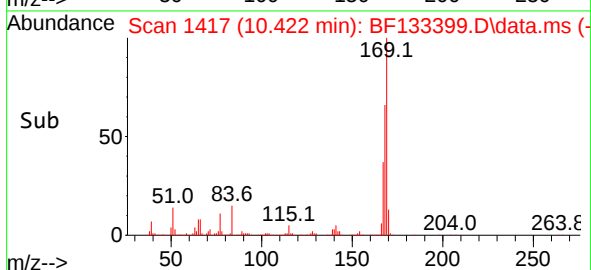
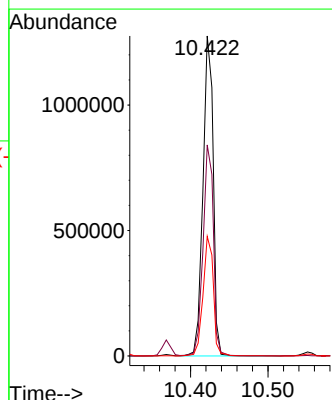
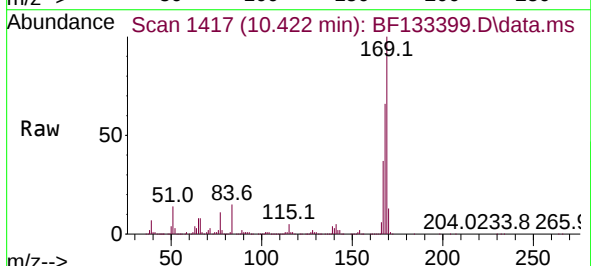
Manual Integrations
APPROVED

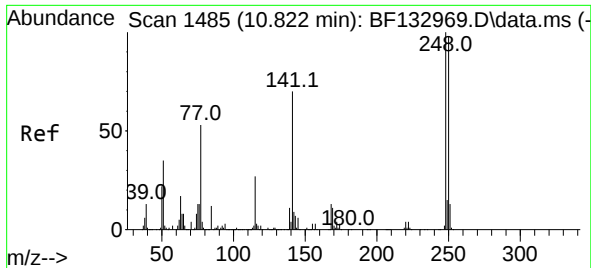
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#66
n-Nitrosodiphenylamine
Concen: 38.669 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

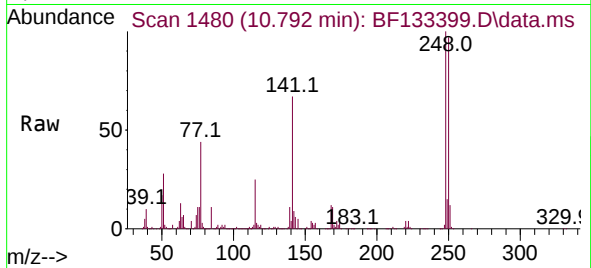
Tgt Ion:169 Resp: 1164306
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.8
167 37.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.122 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

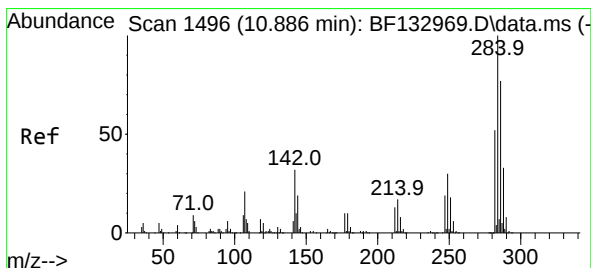
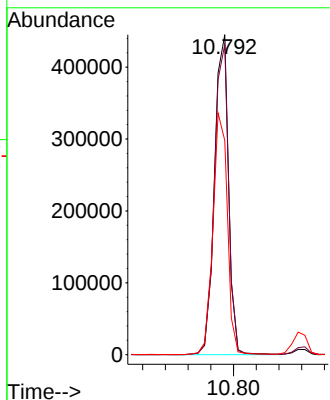
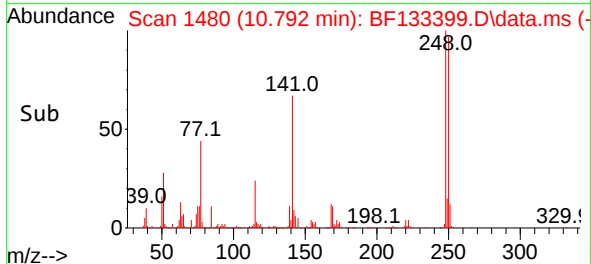
Instrument :
BNA_F
ClientSampleId :
PB152835BS



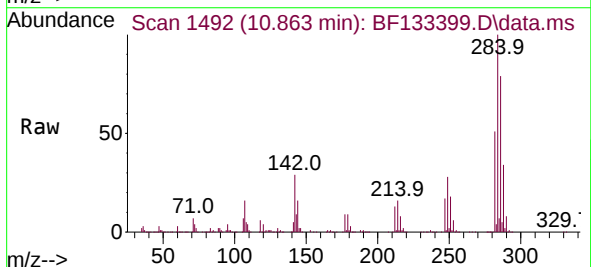
Tgt Ion:248 Resp: 383790
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 66.9 56.3 84.5

Manual Integrations
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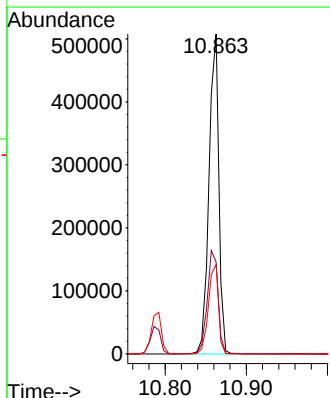
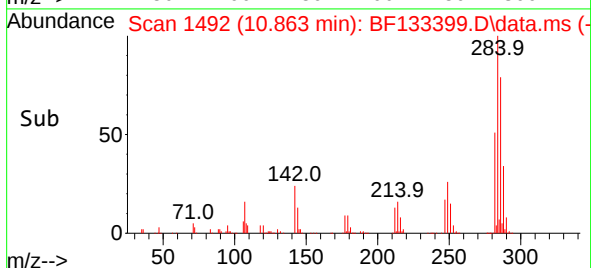
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

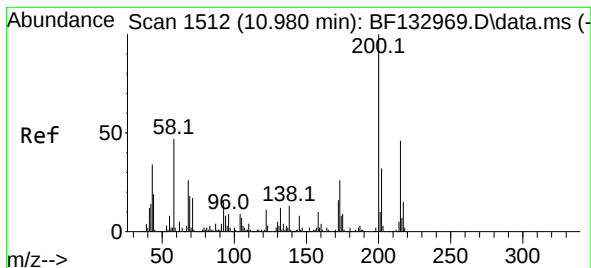


#68
Hexachlorobenzene
Concen: 41.312 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion:284 Resp: 426171
Ion Ratio Lower Upper
284 100
142 28.7 26.0 39.0
249 27.9 23.7 35.5





#69

Atrazine

Concen: 46.135 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:200 Resp: 400260

Ion Ratio Lower Upper

200 100

173 26.2 6.2 46.2

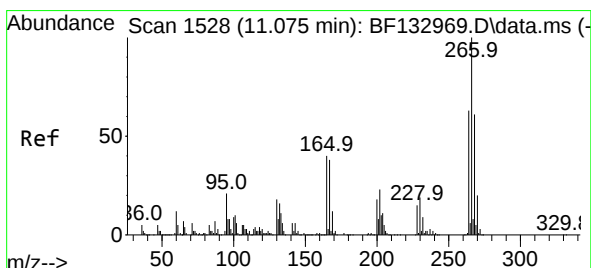
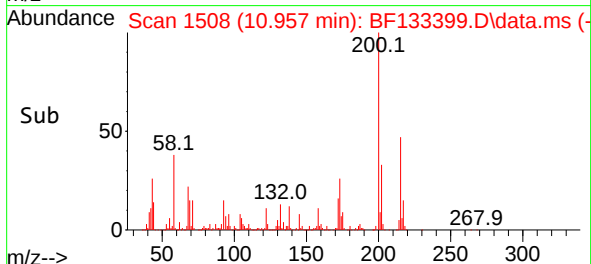
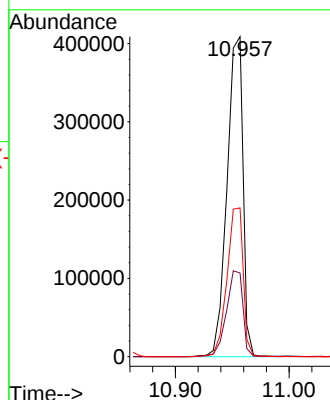
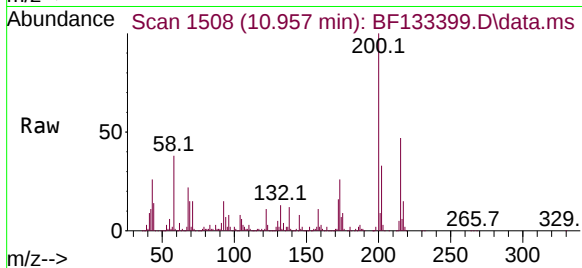
215 46.5 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#70

Pentachlorophenol

Concen: 68.957 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

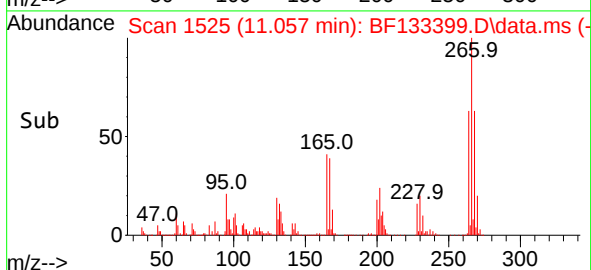
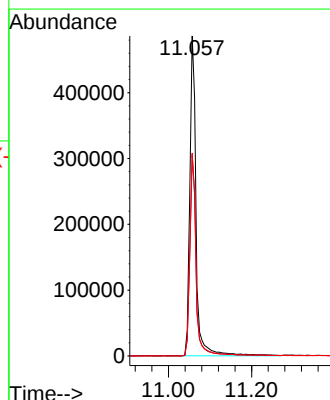
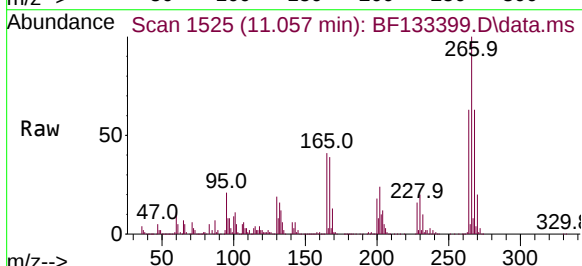
Tgt Ion:266 Resp: 506622

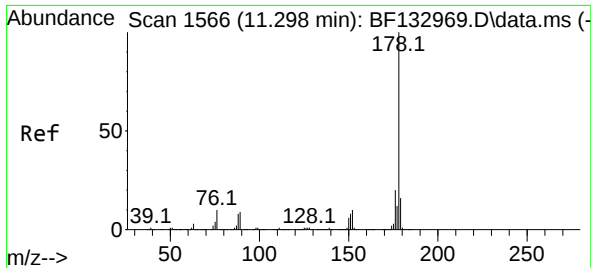
Ion Ratio Lower Upper

266 100

268 62.9 48.8 73.2

264 63.4 50.6 76.0





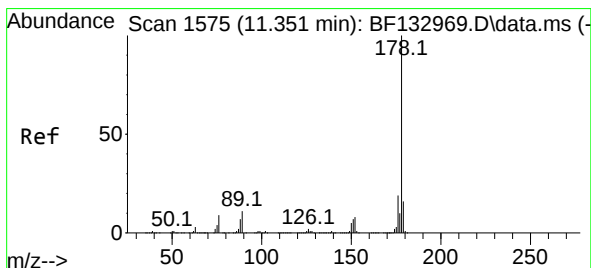
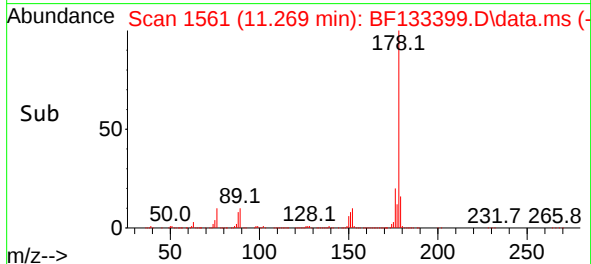
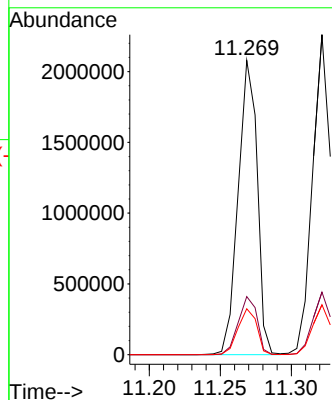
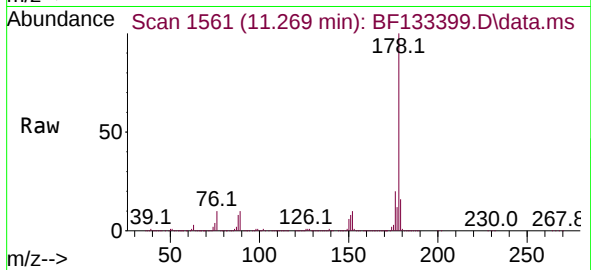
#71
Phenanthrene
Concen: 38.880 ng
RT: 11.269 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :
BNA_F
ClientSampleId :
PB152835BS

Tgt Ion:178 Resp: 1939710
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.6 12.5 18.7

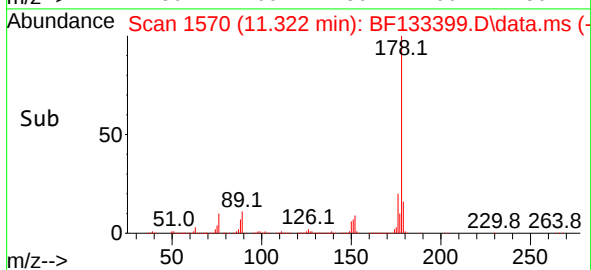
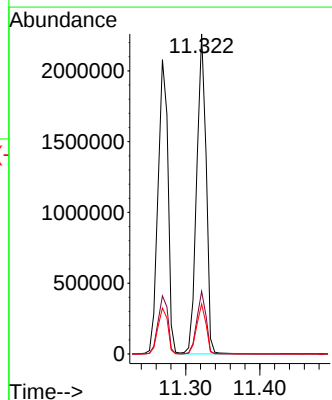
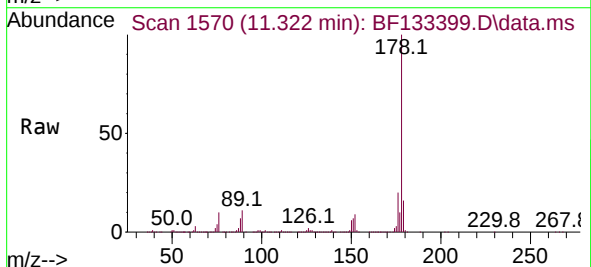
Manual Integrations
APPROVED

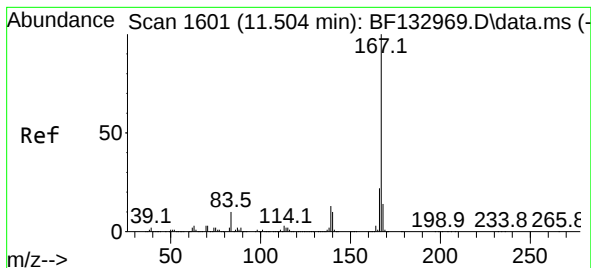
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#72
Anthracene
Concen: 39.043 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:178 Resp: 1993396
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.4 18.6





#73

Carbazole

Concen: 39.602 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:167 Resp: 1800400

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

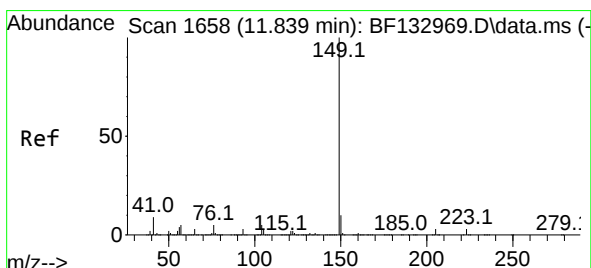
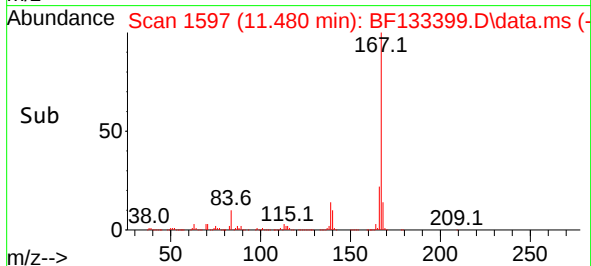
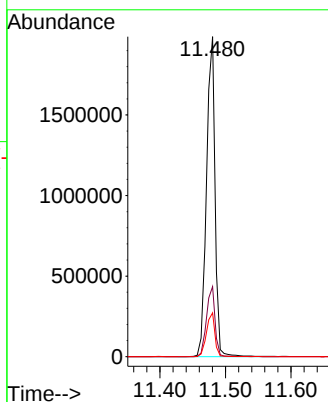
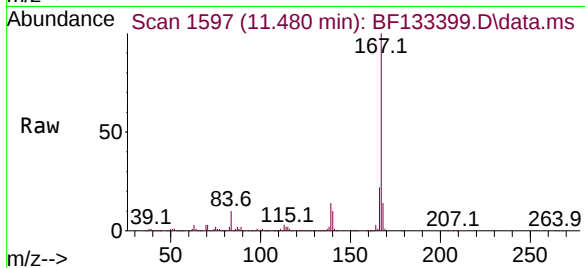
139 13.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#74

Di-n-butylphthalate

Concen: 40.009 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

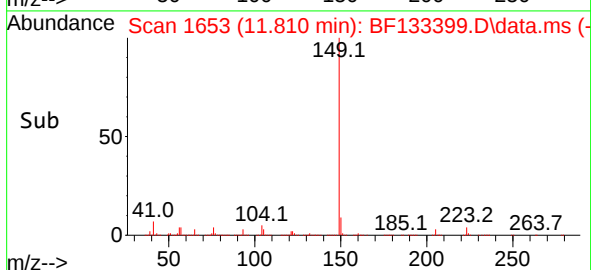
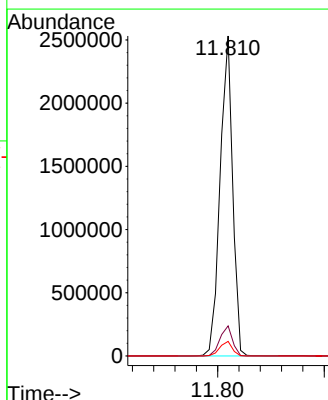
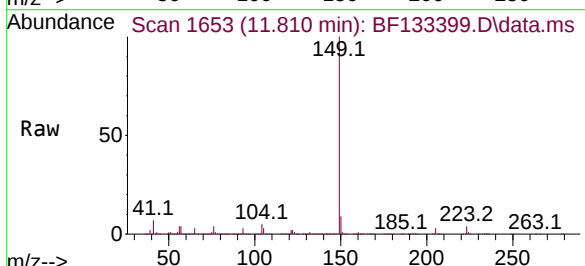
Tgt Ion:149 Resp: 2058375

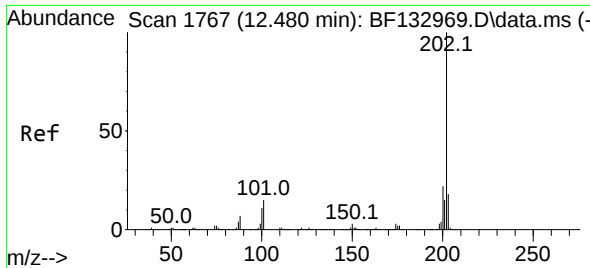
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

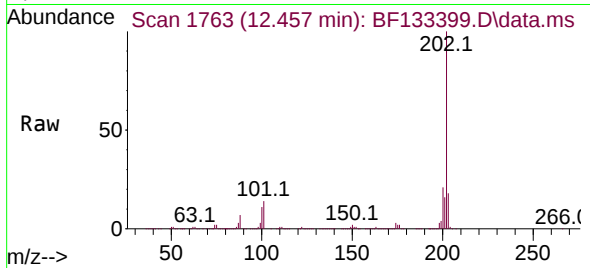
104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 38.554 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

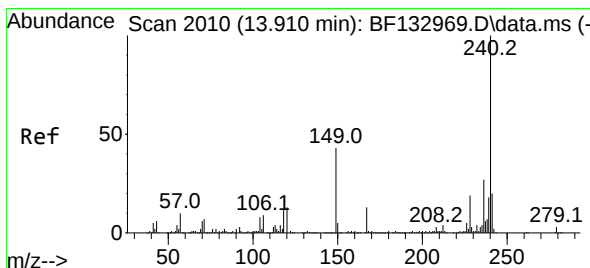
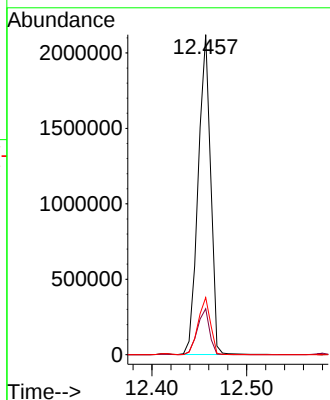
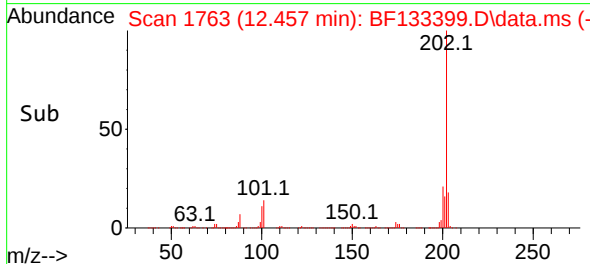
Instrument :
BNA_F
ClientSampleId :
PB152835BS



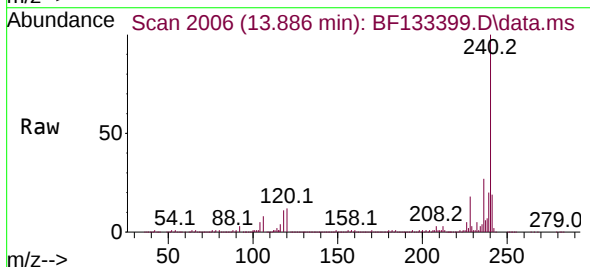
Tgt Ion:202 Resp: 193040
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 17.9 0.0 38.1

Manual Integrations
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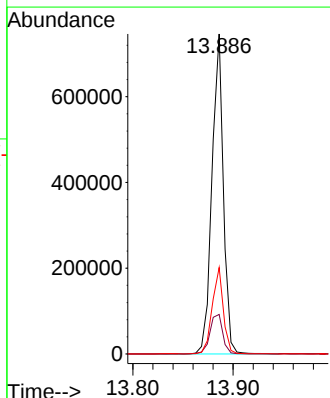
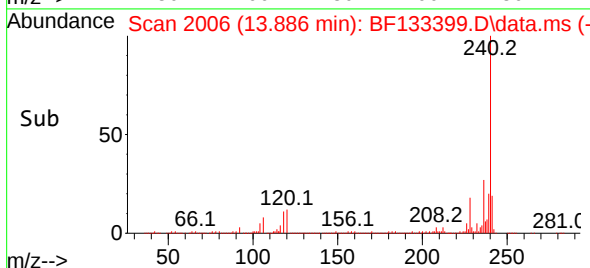
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

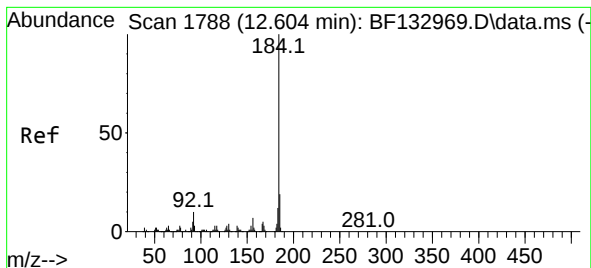


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion:240 Resp: 588561
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 27.0 21.5 32.3





#77

Benzidine

Concen: 110.896 ng

RT: 12.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:184 Resp: 1103739

Ion Ratio Lower Upper

184 100

185 14.6 15.4 23.2

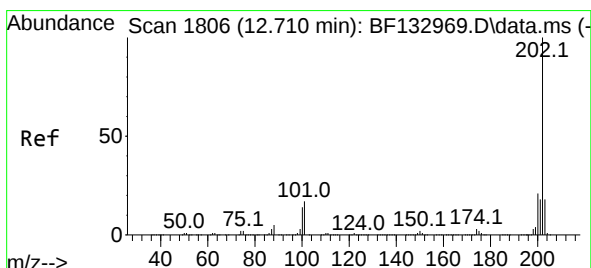
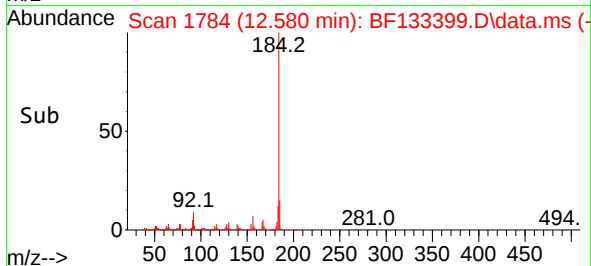
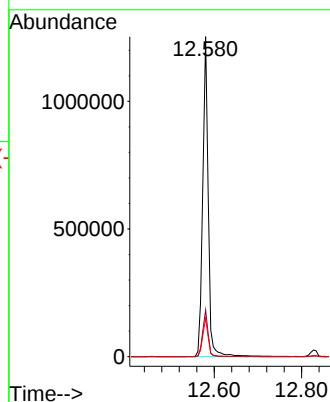
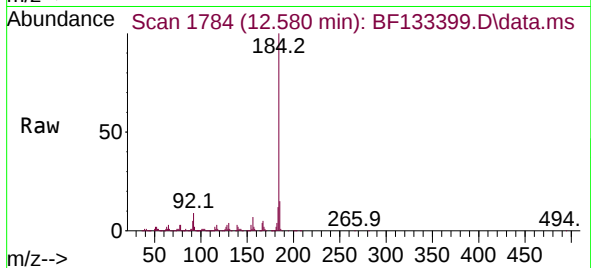
183 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#78

Pyrene

Concen: 39.260 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

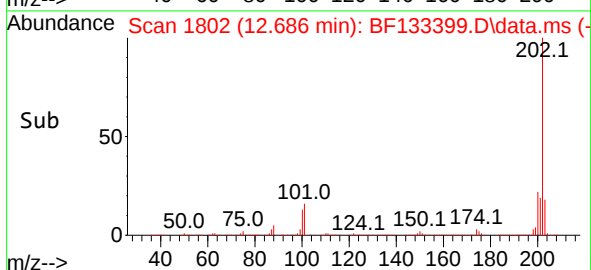
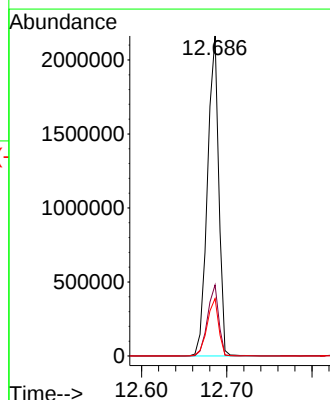
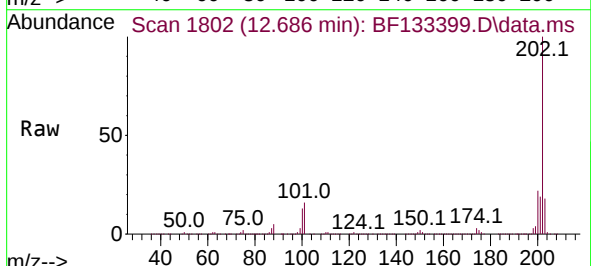
Tgt Ion:202 Resp: 1980778

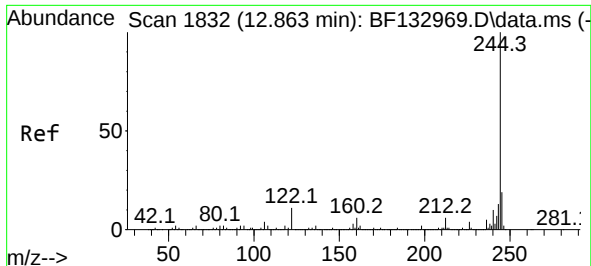
Ion Ratio Lower Upper

202 100

200 22.2 17.1 25.7

203 18.0 14.1 21.1





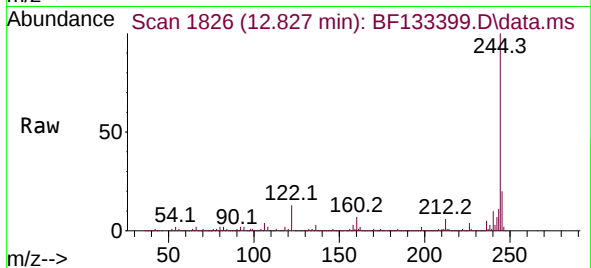
#79
 Terphenyl-d14
 Concen: 63.666 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133399.D
 Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

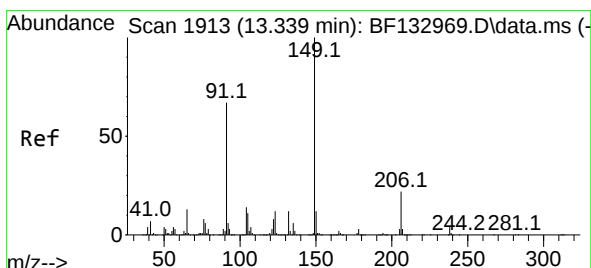
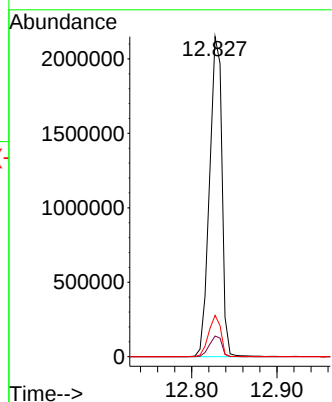
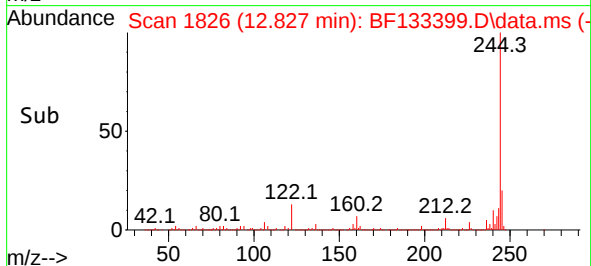


Tgt Ion:244 Resp: 217266
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.9 8.6 13.0

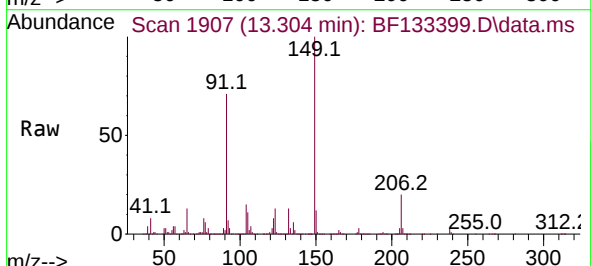
Manual Integrations

APPROVED

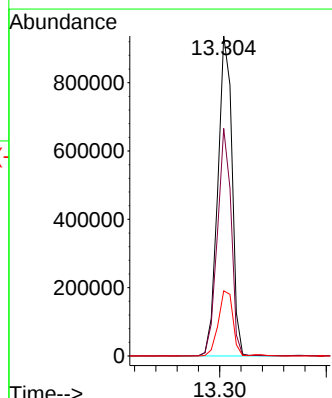
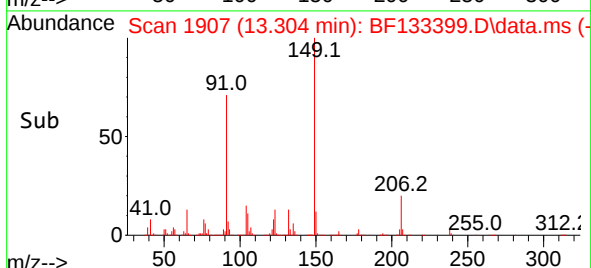
Reviewed By :Christian Giraldo 05/17/2023
 Supervised By :Jagrut Upadhyay 05/17/2023

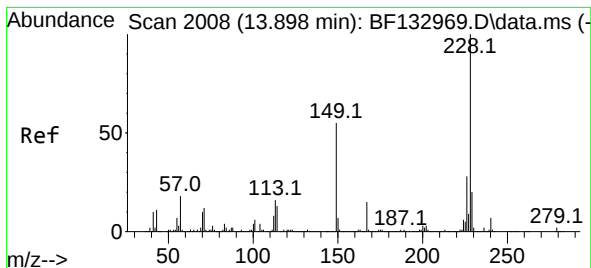


#80
 Butylbenzylphthalate
 Concen: 48.662 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133399.D
 Acq: 16 May 2023 13:20



Tgt Ion:149 Resp: 869303
 Ion Ratio Lower Upper
 149 100
 91 71.1 53.8 80.6
 206 20.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 37.374 ng

RT: 13.874 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:228 Resp: 151266

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.4

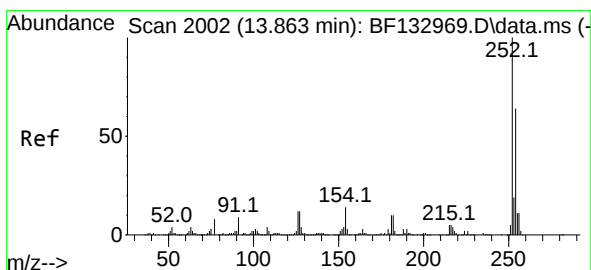
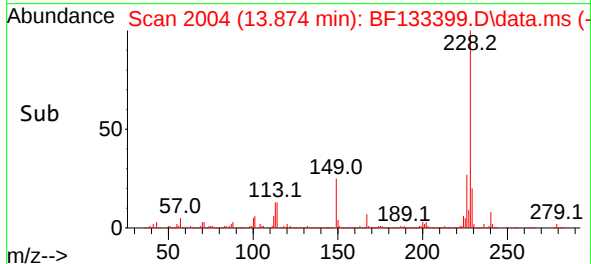
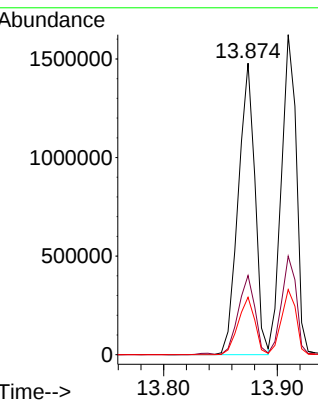
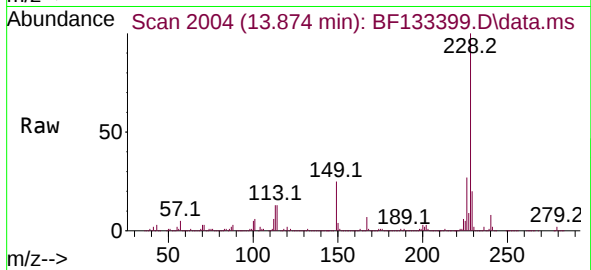
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.529 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

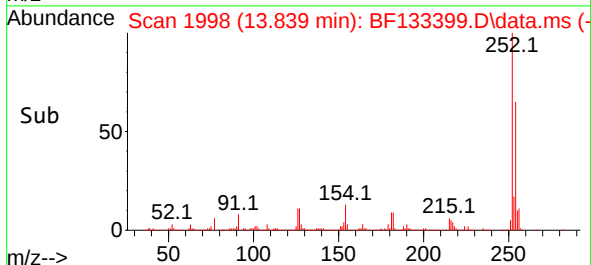
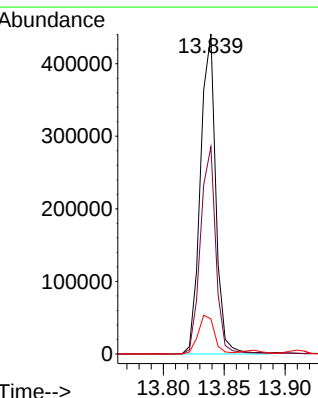
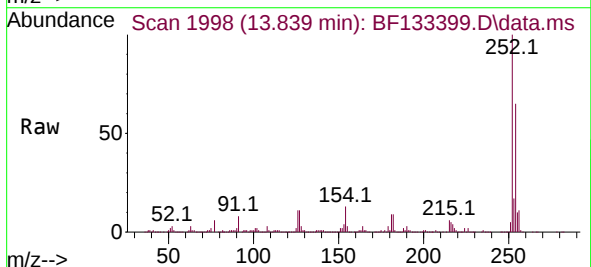
Tgt Ion:252 Resp: 386060

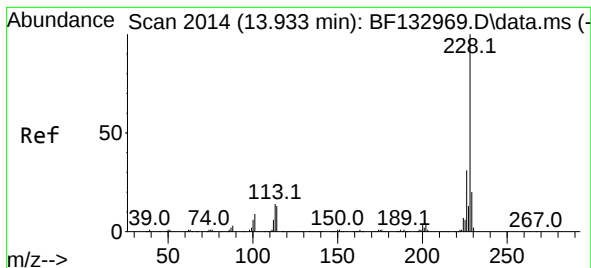
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 10.9 9.5 14.3





#83

Chrysene

Concen: 36.775 ng

RT: 13.910 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:228 Resp: 148806

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

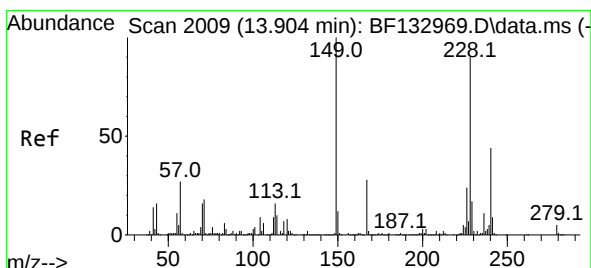
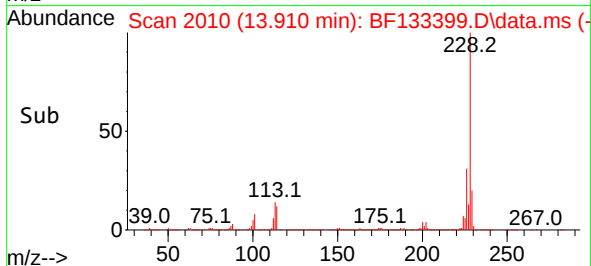
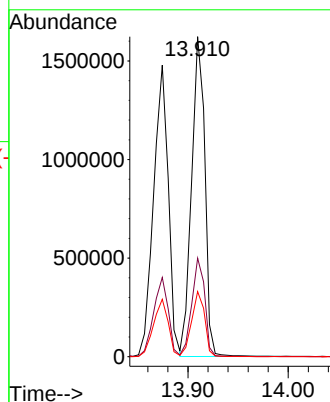
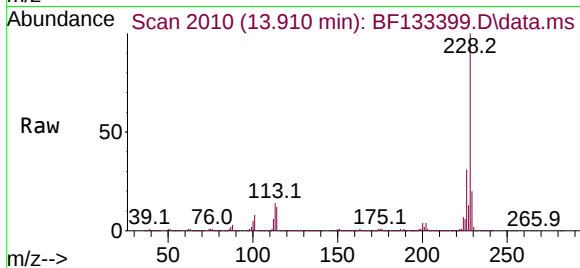
229 20.3 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.119 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

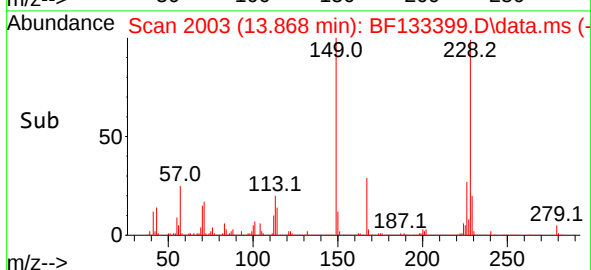
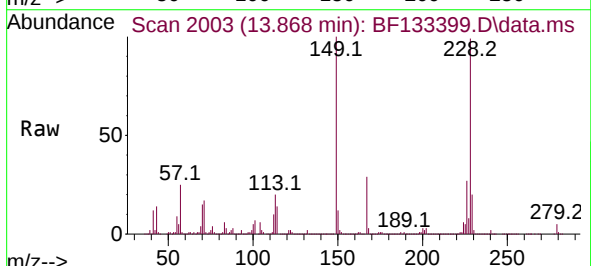
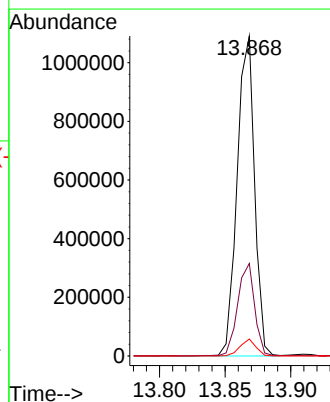
Tgt Ion:149 Resp: 1011689

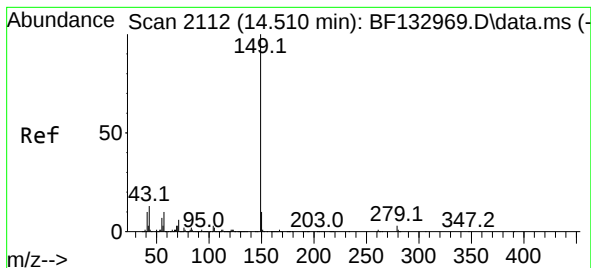
Ion Ratio Lower Upper

149 100

167 28.9 22.5 33.7

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.290 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:149 Resp: 1619330

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

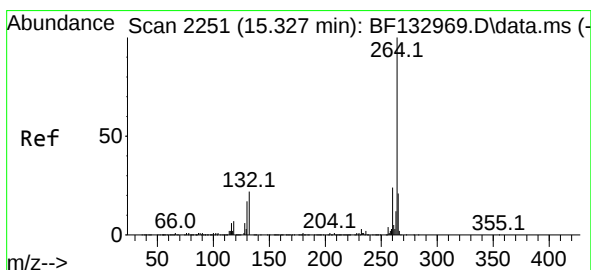
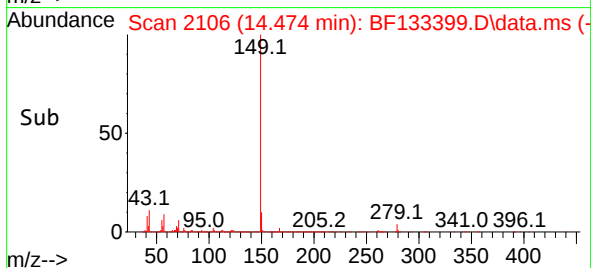
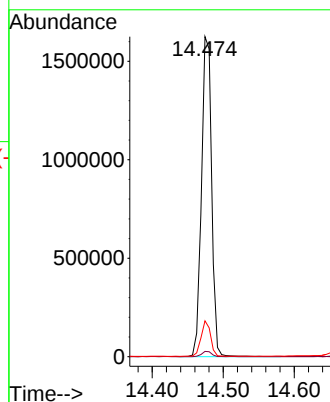
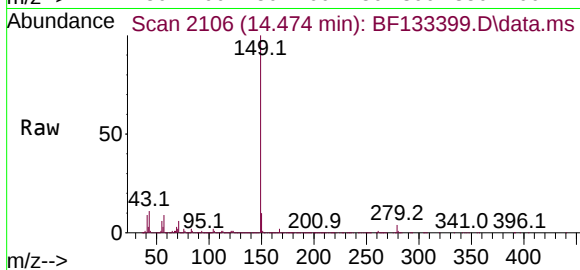
43 10.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

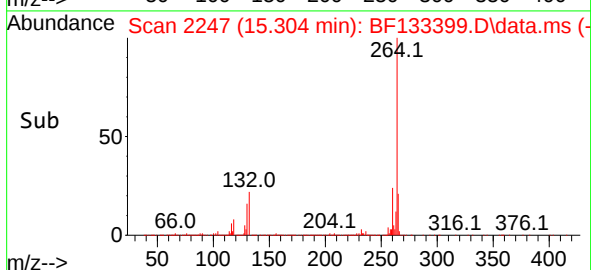
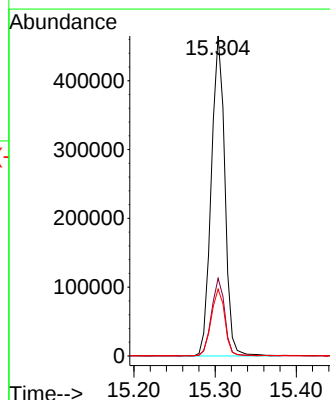
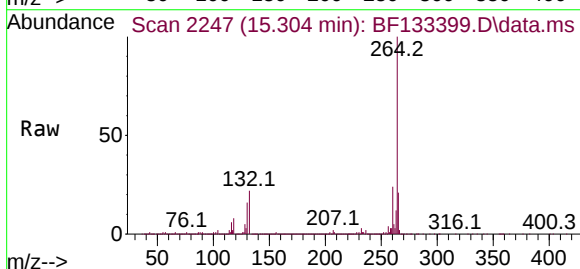
Tgt Ion:264 Resp: 538473

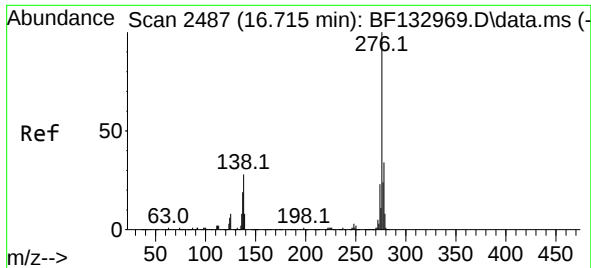
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

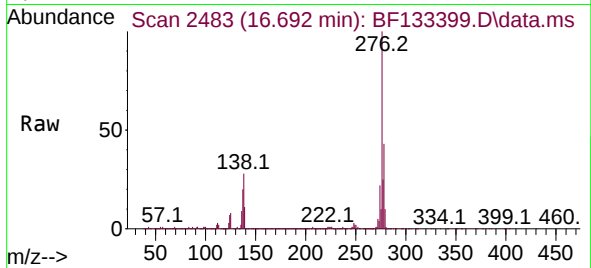
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.556 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

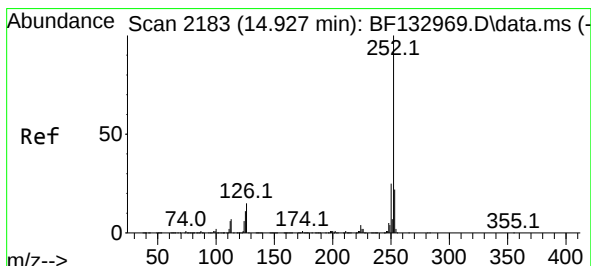
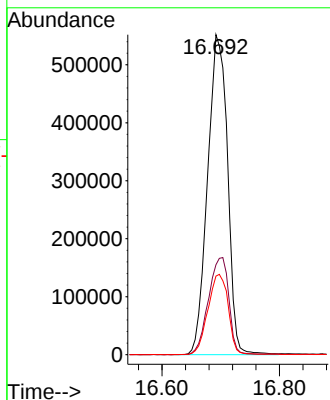
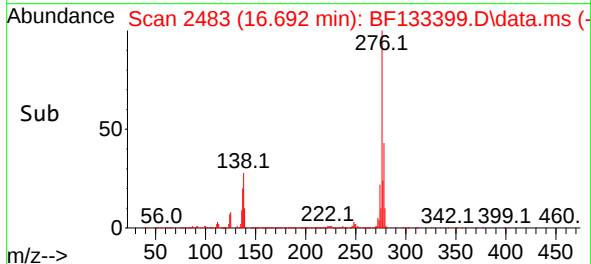
Instrument :
BNA_F
ClientSampleId :
PB152835BS



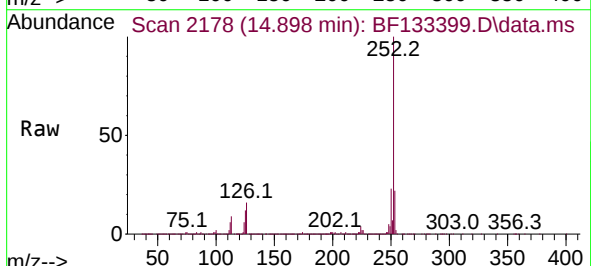
Tgt Ion: 276 Resp: 130346
Ion Ratio Lower Upper
276 100
138 31.3 25.5 38.3
277 25.5 20.4 30.6

Manual Integrations
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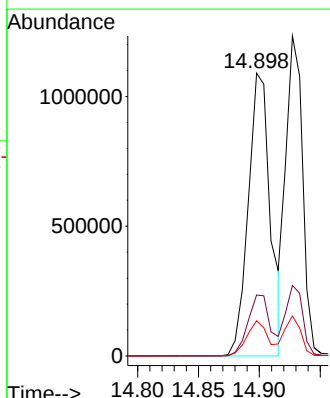
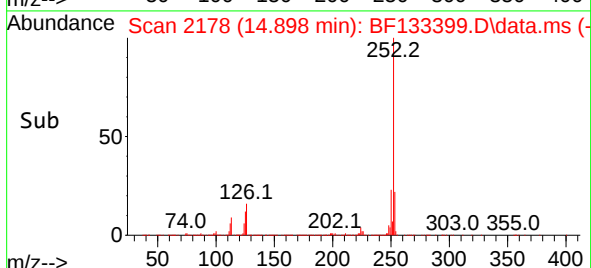
Reviewed By : Christian Giraldo 05/17/2023
Supervised By : Jagrut Upadhyay 05/17/2023

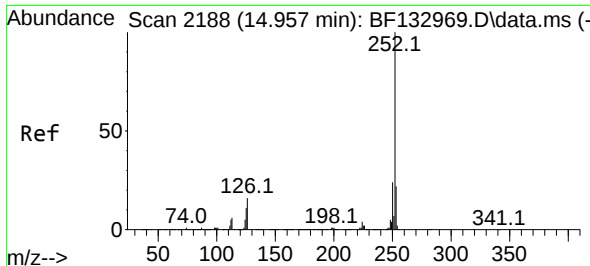


#88
Benzo(b)fluoranthene
Concen: 40.146 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20



Tgt Ion: 252 Resp: 1375287
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 12.4 8.9 13.3





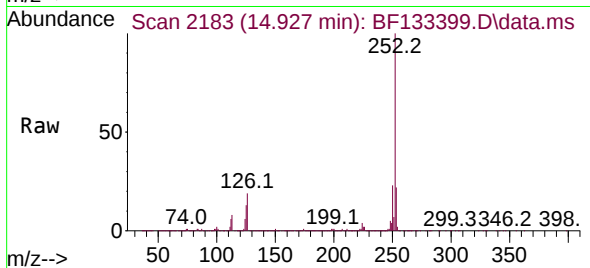
#89
Benzo(k)fluoranthene
Concen: 35.007 ng
RT: 14.927 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

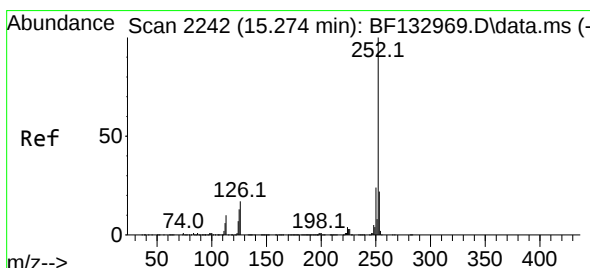
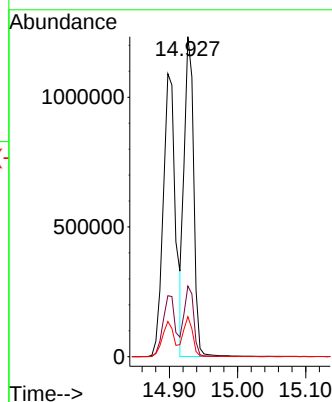
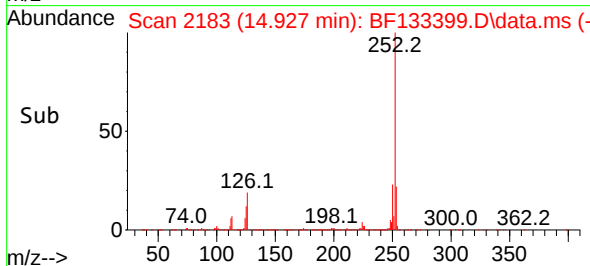


Tgt Ion:252 Resp: 1188789
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.5 9.0 13.4

Manual Integrations

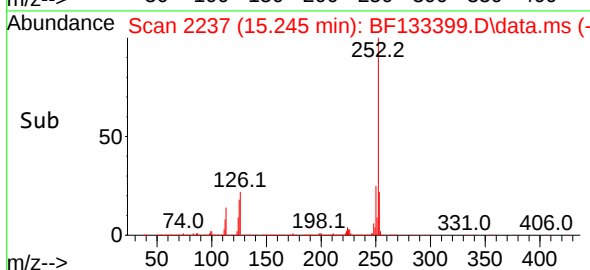
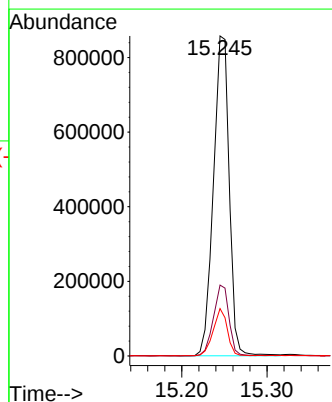
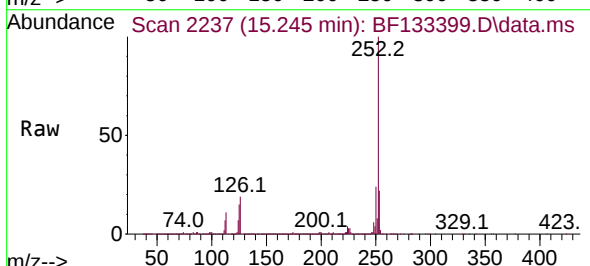
APPROVED

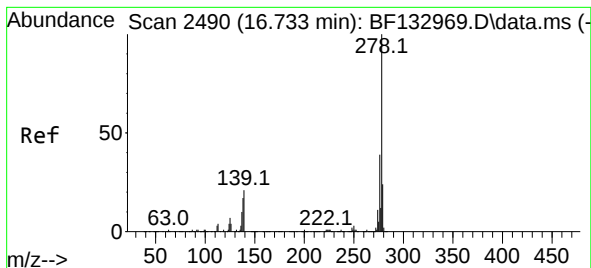
Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023



#90
Benzo(a)pyrene
Concen: 35.440 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF133399.D
Acq: 16 May 2023 13:20

Tgt Ion:252 Resp: 1105069
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 14.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 42.236 ng

RT: 16.709 min Scan# 2490

Delta R.T. 0.018 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Instrument :

BNA_F

ClientSampleId :

PB152835BS

Tgt Ion:278 Resp: 107898

Ion Ratio Lower Upper

278 100

139 20.4 16.6 24.8

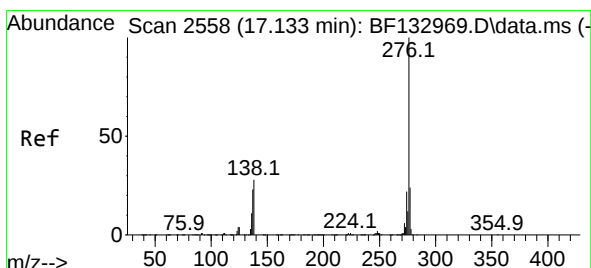
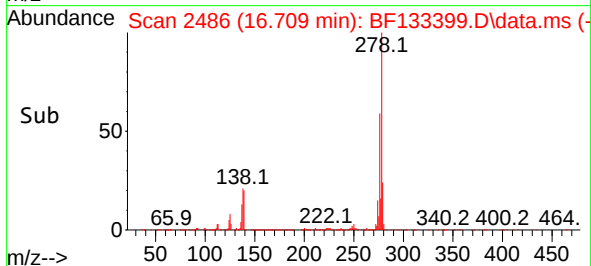
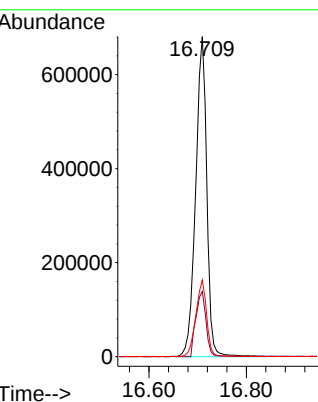
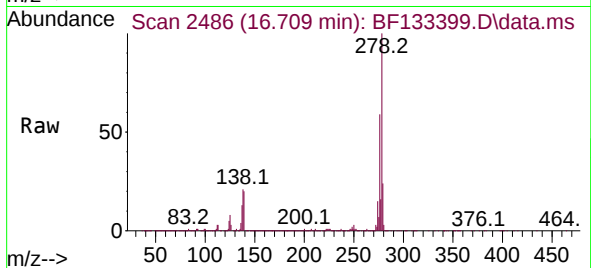
279 24.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2023

Supervised By :Jagrut Upadhyay 05/17/2023



#92

Benzo(g,h,i)perylene

Concen: 43.256 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.024 min

Lab File: BF133399.D

Acq: 16 May 2023 13:20

Tgt Ion:276 Resp: 1090954

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

138 27.9 22.7 34.1

