

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133411.D
 Acq On : 17 May 2023 14:04
 Operator : CG\JU
 Sample : PB152566BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 14:24:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	264506	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1040237	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	534460	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	947490	20.000	ng	0.00
76) Chrysene-d12	13.880	240	569254	20.000	ng	0.00
86) Perylene-d12	15.298	264	556549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1629315	93.051	ng	0.00
7) Phenol-d6	6.369	99	1961079	90.233	ng	0.00
23) Nitrobenzene-d5	7.286	82	1198093	62.168	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	503681	93.708	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2082923	65.201	ng	0.00
79) Terphenyl-d14	12.827	244	2180825	66.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	310635	38.247	ng	95
3) Pyridine	3.163	79	741316	34.366	ng	96
4) n-Nitrosodimethylamine	3.128	42	379355	33.952	ng	92
6) Aniline	6.381	93	879882	31.433	ng	# 30
8) 2-Chlorophenol	6.504	128	740625	41.659	ng	96
9) Benzaldehyde	6.263	77	399823	39.811	ng	96
10) Phenol	6.381	94	873249	36.422	ng	# 70
11) bis(2-Chloroethyl)ether	6.457	93	697686	38.778	ng	97
12) 1,3-Dichlorobenzene	6.657	146	782058	41.375	ng	98
13) 1,4-Dichlorobenzene	6.734	146	785350	41.458	ng	98
14) 1,2-Dichlorobenzene	6.887	146	733262	41.986	ng	97
15) Benzyl Alcohol	6.869	79	554310	36.923	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1093275	34.985	ng	85
17) 2-Methylphenol	6.987	107	605867	37.217	ng	96
18) Hexachloroethane	7.228	117	273698	41.557	ng	99
19) n-Nitroso-di-n-propyla...	7.139	70	471440	34.843	ng	93
20) 3+4-Methylphenols	7.139	107	741854	38.696	ng	# 78
22) Acetophenone	7.128	105	999969	41.498	ng	# 92
24) Nitrobenzene	7.304	77	741596	37.975	ng	99
25) Isophorone	7.545	82	1412504	38.603	ng	99
26) 2-Nitrophenol	7.622	139	423481	44.959	ng	92
27) 2,4-Dimethylphenol	7.669	122	670646	41.522	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	852511	39.383	ng	99
29) 2,4-Dichlorophenol	7.869	162	621149	42.245	ng	99
30) 1,2,4-Trichlorobenzene	7.945	180	646060	42.413	ng	99
31) Naphthalene	8.028	128	2070357	39.808	ng	100
32) Benzoic acid	7.816	122	378533	37.942	ng	92
33) 4-Chloroaniline	8.075	127	669240	31.848	ng	99
34) Hexachlorobutadiene	8.145	225	348176	41.240	ng	100
35) Caprolactam	8.457	113	216693m	43.870	ng	
36) 4-Chloro-3-methylphenol	8.569	107	649261	40.948	ng	98
37) 2-Methylnaphthalene	8.716	142	1363537	38.348	ng	99
38) 1-Methylnaphthalene	8.816	142	1271114	38.214	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	581847	40.490	ng	99
41) Hexachlorocyclopentadiene	8.869	237	632730	75.498	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	398718	40.121	ng	99

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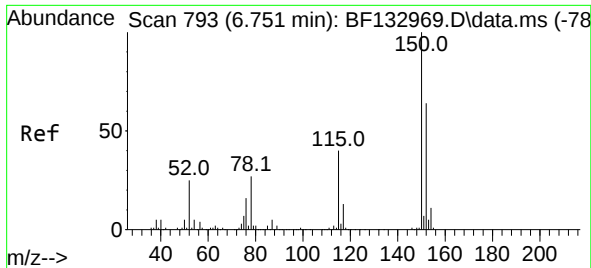
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	435409	37.883	ng	98
46) 1,1'-Biphenyl	9.180	154	1683064	39.713	ng	99
47) 2-Chloronaphthalene	9.204	162	1271958	41.005	ng	100
48) 2-Nitroaniline	9.304	65	392407	38.277	ng	97
49) Acenaphthylene	9.622	152	1933455	39.009	ng	99
50) Dimethylphthalate	9.486	163	1490445	39.994	ng	99
51) 2,6-Dinitrotoluene	9.551	165	345104	41.144	ng	# 80
52) Acenaphthene	9.792	154	1414485m	42.610	ng	
53) 3-Nitroaniline	9.716	138	310659	31.149	ng	97
54) 2,4-Dinitrophenol	9.828	184	340870	80.849	ng	97
55) Dibenzofuran	9.963	168	1697065	37.477	ng	98
56) 4-Nitrophenol	9.898	139	521687	67.537	ng	98
57) 2,4-Dinitrotoluene	9.957	165	431750	40.363	ng	90
58) Fluorene	10.304	166	1291497	38.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	348289	39.088	ng	97
60) Diethylphthalate	10.186	149	1351287	38.388	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	625359	38.681	ng	99
62) 4-Nitroaniline	10.333	138	383573	41.845	ng	97
63) Azobenzene	10.457	77	1361083	36.500	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	249582	43.459	ng	99
66) n-Nitrosodiphenylamine	10.422	169	1182803	38.485	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	398682	38.797	ng	98
68) Hexachlorobenzene	10.857	284	434115	41.227	ng	100
69) Atrazine	10.951	200	403246	45.534	ng	98
70) Pentachlorophenol	11.057	266	505262	67.375	ng	97
71) Phenanthrene	11.269	178	1920420	37.711	ng	100
72) Anthracene	11.316	178	2001089	38.397	ng	99
73) Carbazole	11.474	167	1791112	38.597	ng	99
74) Di-n-butylphthalate	11.804	149	2114665	40.268	ng	100
75) Fluoranthene	12.451	202	1921054	37.588	ng	99
77) Benzidine	12.574	184	1121532	116.506	ng	# 93
78) Pyrene	12.680	202	1969075	40.351	ng	98
80) Butylbenzylphthalate	13.304	149	845890	48.957	ng	98
81) Benzo(a)anthracene	13.868	228	1442288	36.844	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	361610	33.439	ng	99
83) Chrysene	13.910	228	1429432	36.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	966103	44.547	ng	99
85) Di-n-octyl phthalate	14.474	149	1555735	43.994	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1377139	43.501	ng	100
88) Benzo(b)fluoranthene	14.898	252	1344893	37.984	ng	99
89) Benzo(k)fluoranthene	14.927	252	1234304	35.167	ng	99
90) Benzo(a)pyrene	15.245	252	1122659	34.835	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1137412	43.077	ng	100
92) Benzo(g,h,i)perylene	17.104	276	1163661	44.640	ng	99

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



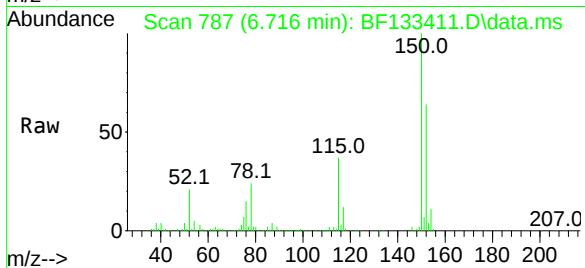
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

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PB152566BS

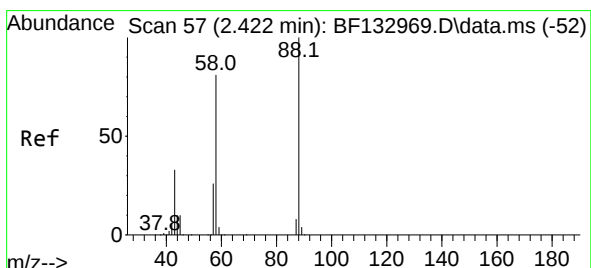
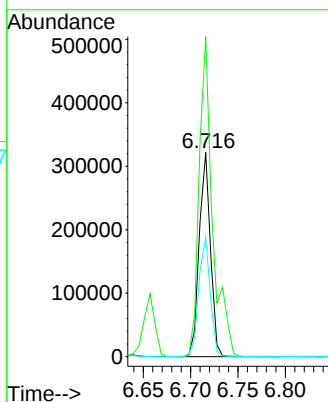
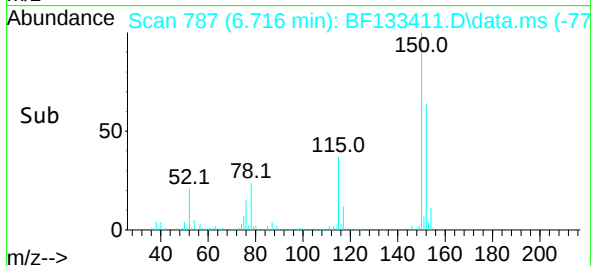


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Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 58.6 49.9 74.9

Manual Integrations

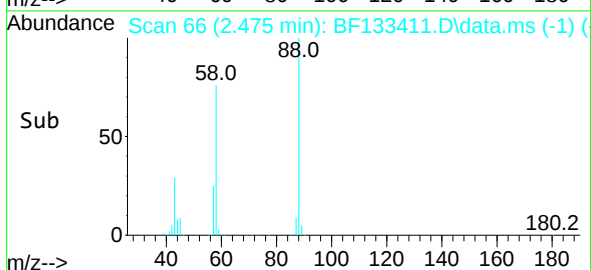
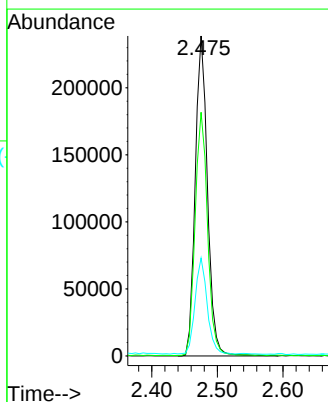
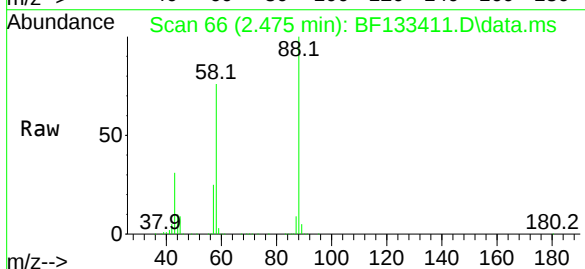
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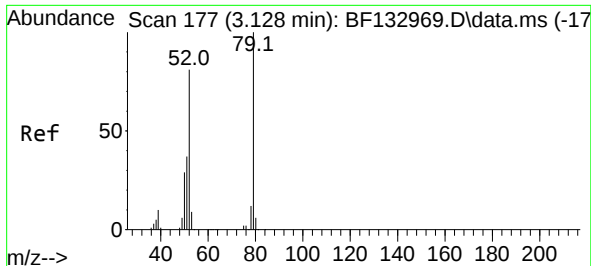
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 38.247 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.106 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

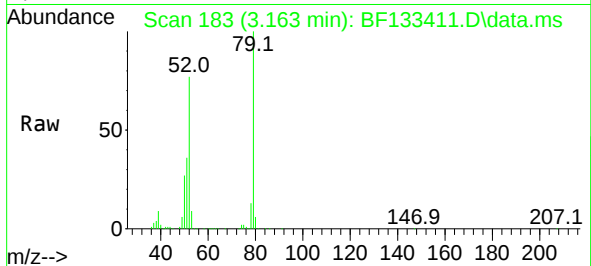
Tgt Ion: 88 Resp: 310635
Ion Ratio Lower Upper
88 100
58 76.8 64.7 97.1
43 29.8 26.2 39.2





#3
Pyridine
Concen: 34.366 ng
RT: 3.163 min Scan# 177
Delta R.T. 0.100 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

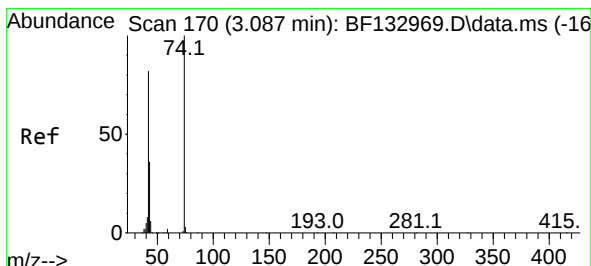
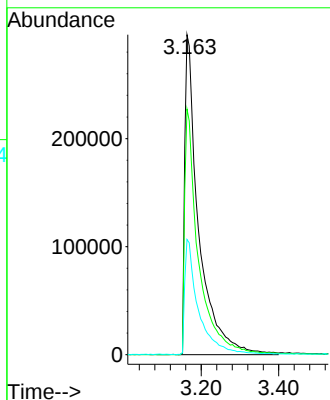
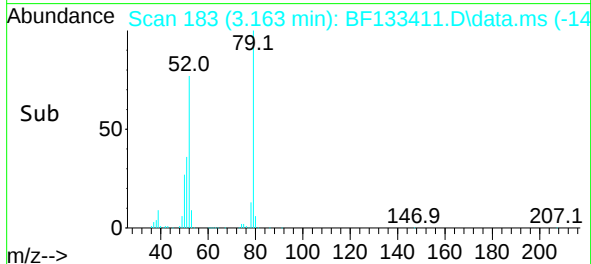
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion: 79 Resp: 741310
Ion Ratio Lower Upper
79 100
52 76.8 64.6 96.8
51 36.0 30.0 45.0

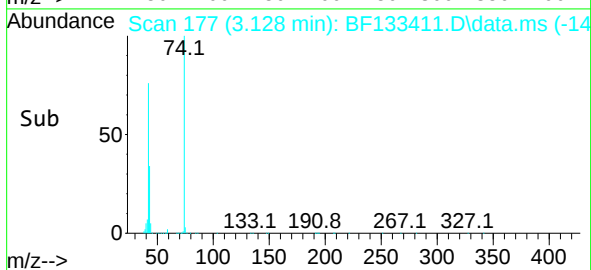
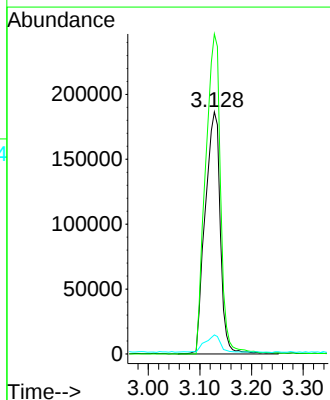
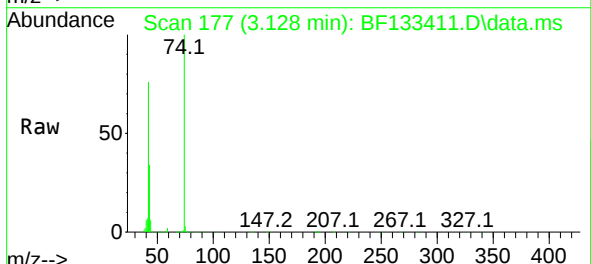
Manual Integrations
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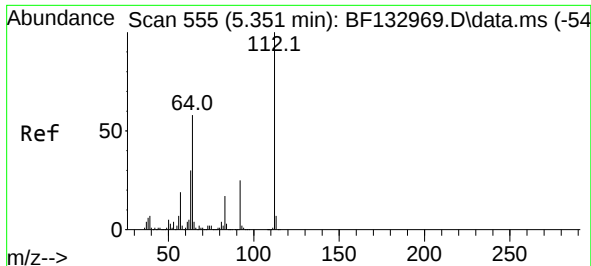
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#4
n-Nitrosodimethylamine
Concen: 33.952 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.100 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

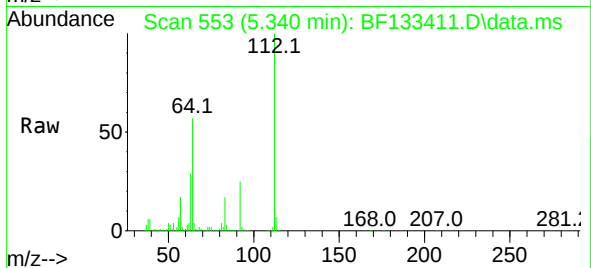
Tgt Ion: 42 Resp: 379355
Ion Ratio Lower Upper
42 100
74 132.2 98.0 147.0
44 7.9 5.8 8.8





#5
2-Fluorophenol
Concen: 93.051 ng
RT: 5.340 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

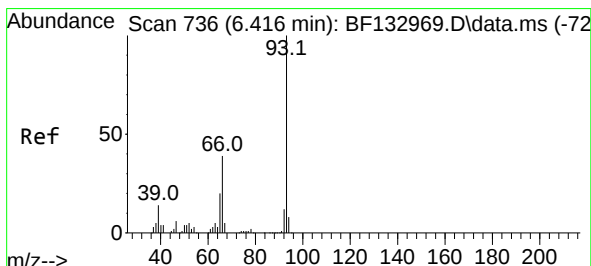
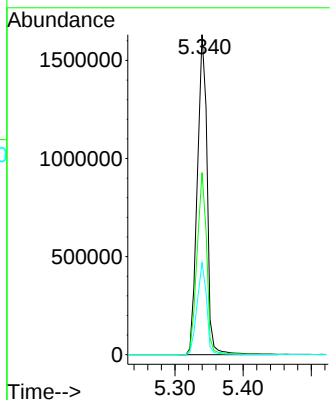
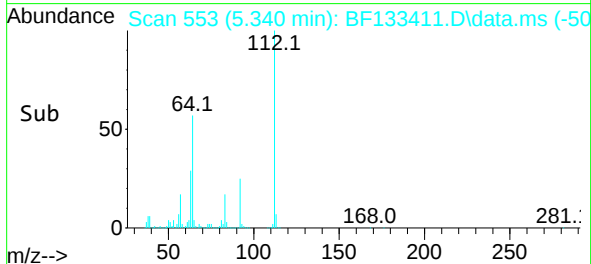
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 162931
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.8 23.8 35.8

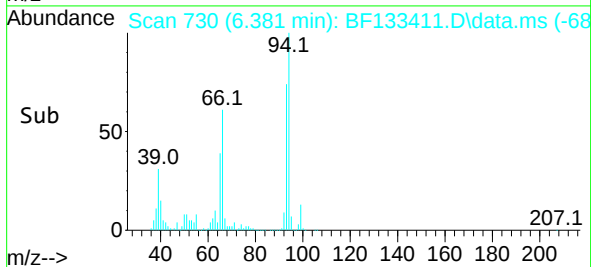
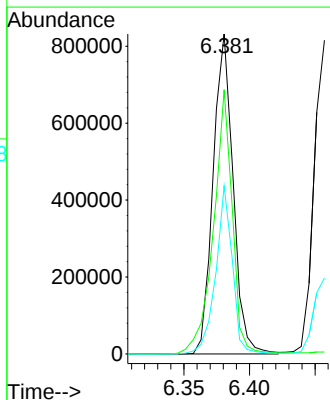
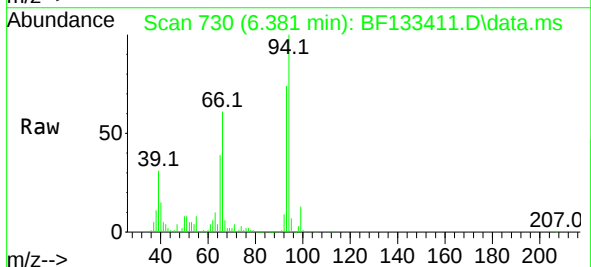
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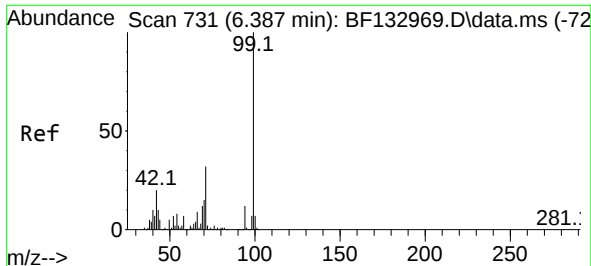
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 31.433 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

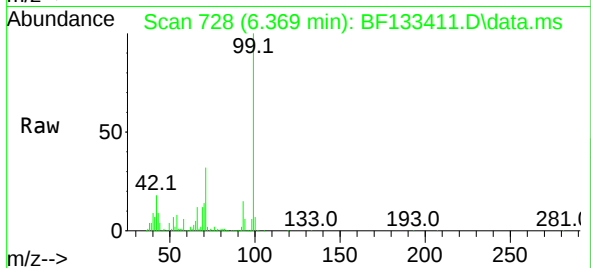
Tgt Ion: 93 Resp: 879882
Ion Ratio Lower Upper
93 100
66 82.6 31.5 47.3#
65 52.5 16.4 24.6#





#7
Phenol-d6
Concen: 90.233 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

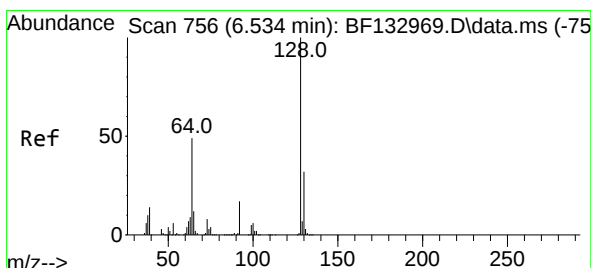
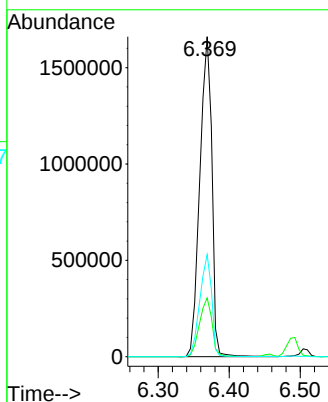
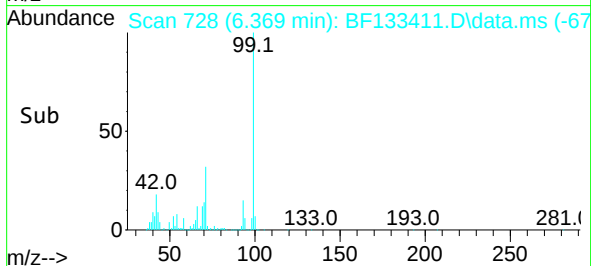
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Tgt Ion: 99 Resp: 1961079
Ion Ratio Lower Upper
99 100
42 18.3 16.3 24.5
71 31.9 25.6 38.4

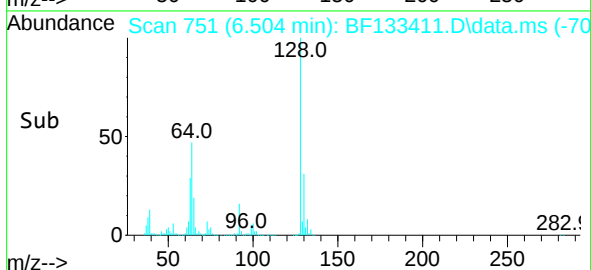
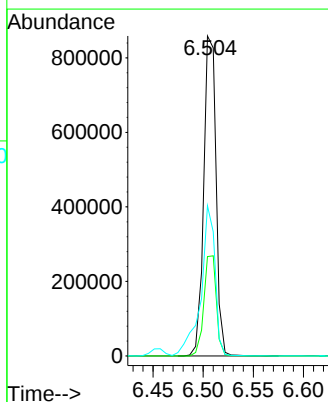
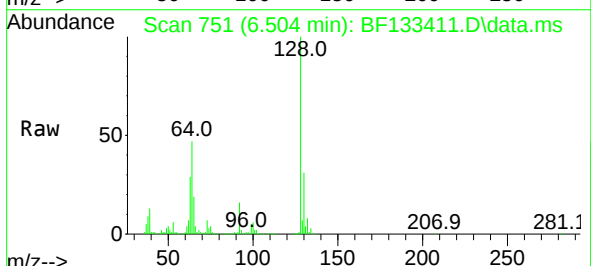
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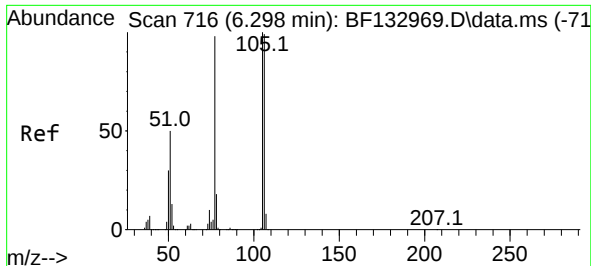
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#8
2-Chlorophenol
Concen: 41.659 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

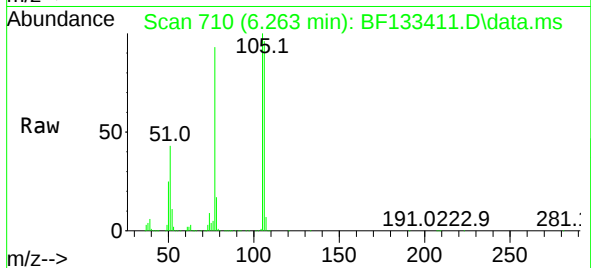
Tgt Ion:128 Resp: 740625
Ion Ratio Lower Upper
128 100
130 31.1 12.2 52.2
64 46.9 30.3 70.3





#9
Benzaldehyde
Concen: 39.811 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

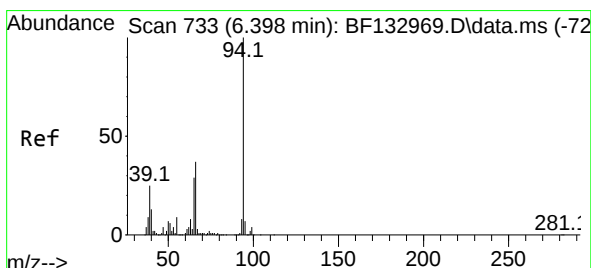
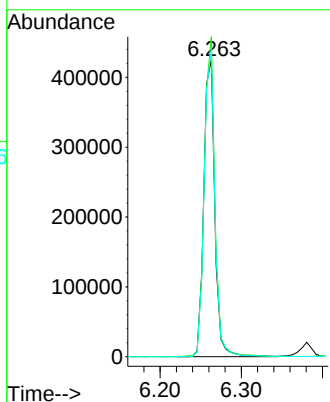
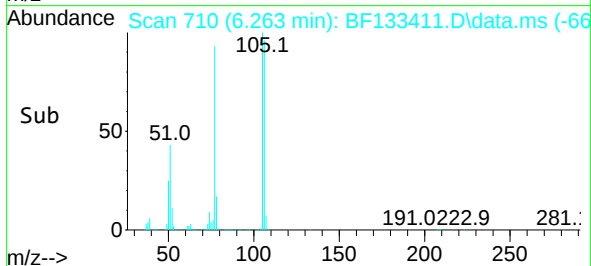
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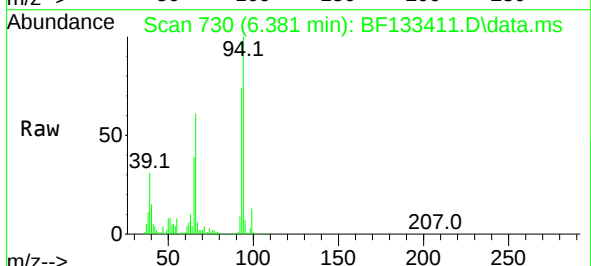
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Ion Ratio Lower Upper
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105 107.8 82.3 122.3
106 103.4 80.8 120.8

Manual Integrations
APPROVED

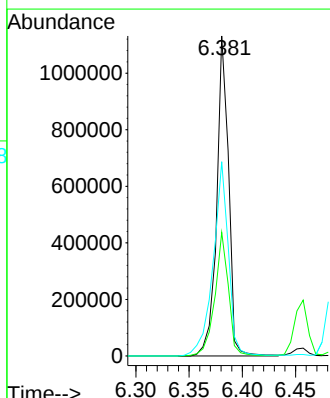
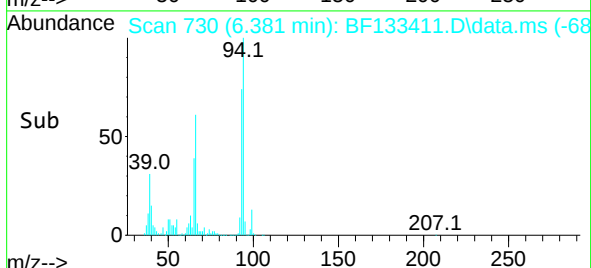
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

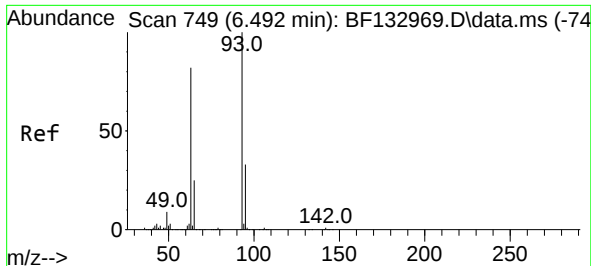


#10
Phenol
Concen: 36.422 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



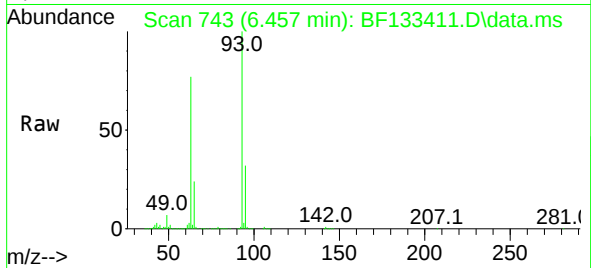
Tgt Ion: 94 Resp: 873249
Ion Ratio Lower Upper
94 100
65 38.6 8.6 48.6
66 60.7 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 38.778 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

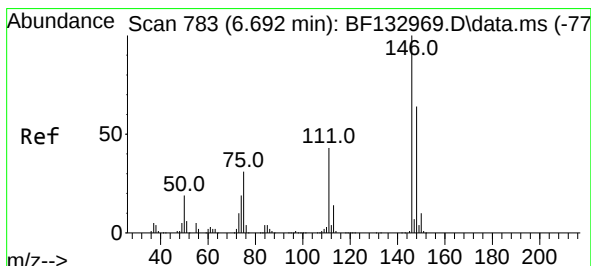
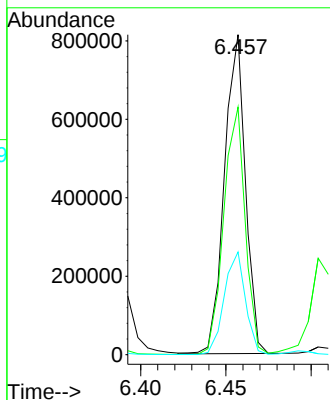
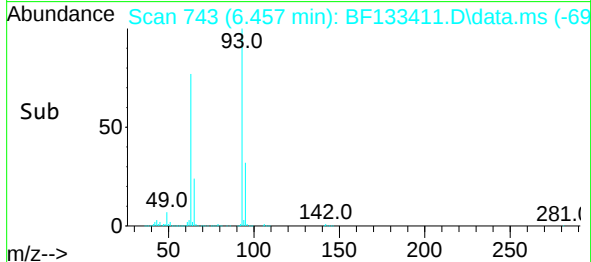
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion: 93 Resp: 697680
Ion Ratio Lower Upper
93 100
63 77.4 60.6 100.6
95 32.1 12.9 52.9

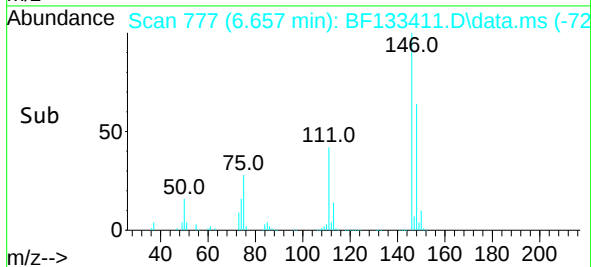
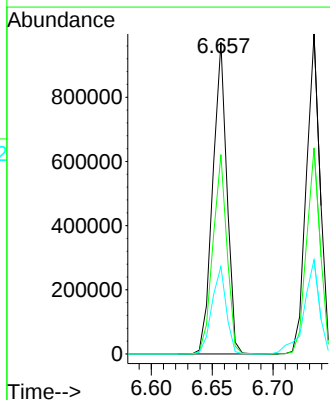
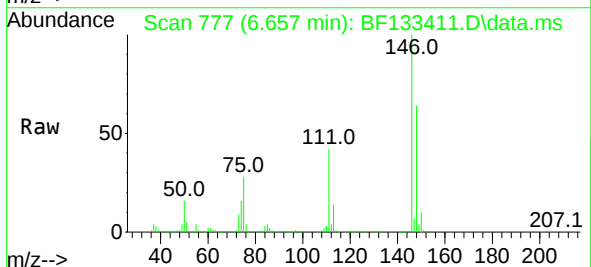
Manual Integrations
APPROVED

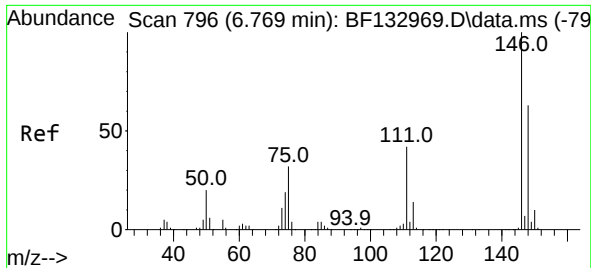
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 41.375 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:146 Resp: 782058
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 28.1 24.8 37.2





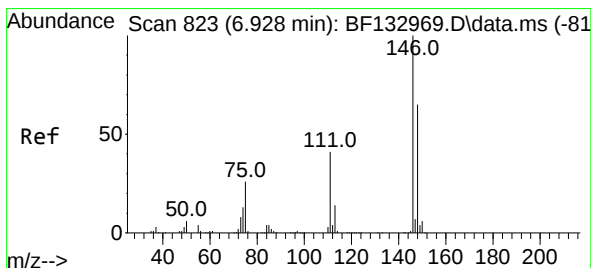
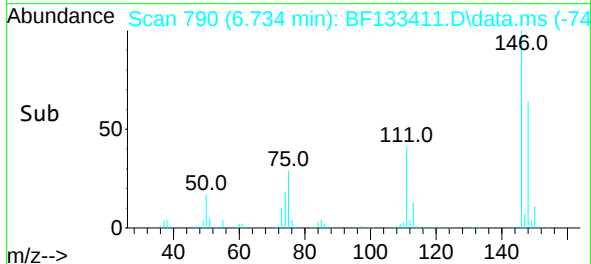
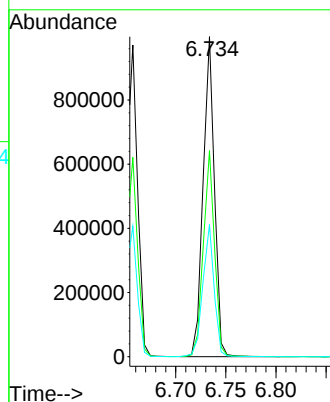
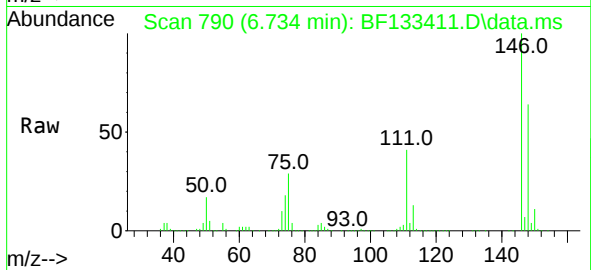
#13
1,4-Dichlorobenzene
Concen: 41.458 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :
BNA_F
ClientSampleId :
PB152566BS

Tgt Ion:146 Resp: 785350
Ion Ratio Lower Upper
146 100
148 64.4 50.3 75.5
111 41.3 33.8 50.6

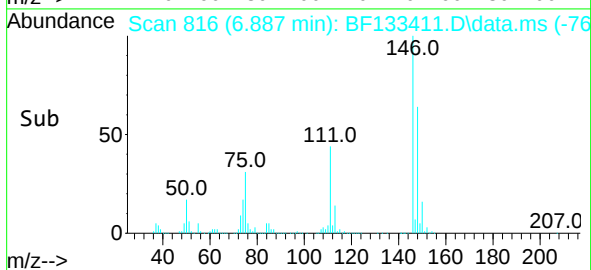
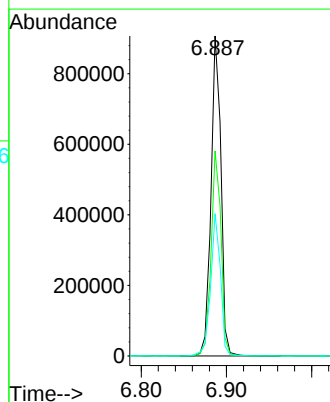
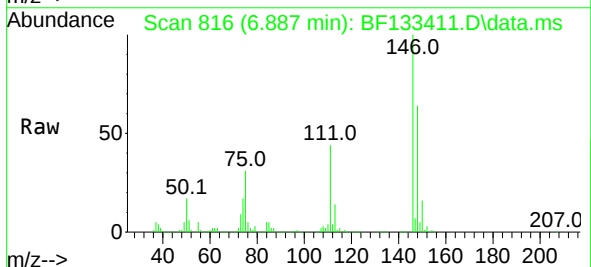
Manual Integrations
APPROVED

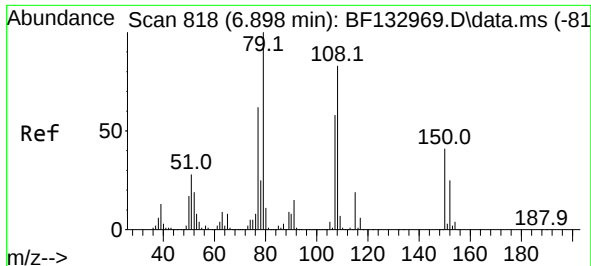
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#14
1,2-Dichlorobenzene
Concen: 41.986 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

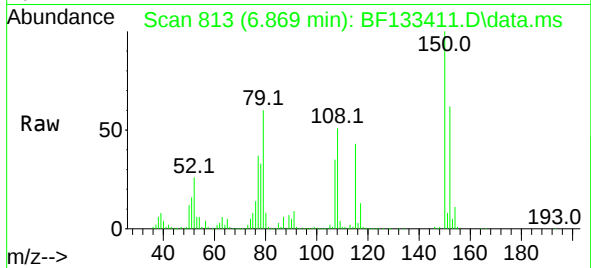
Tgt Ion:146 Resp: 733262
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.2
111 44.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 36.923 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

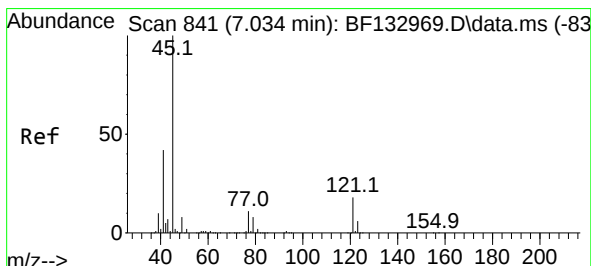
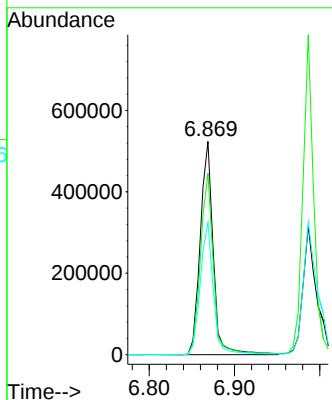
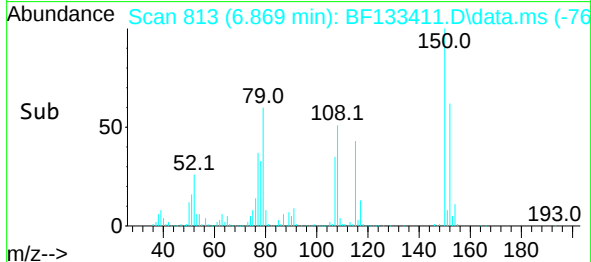
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion: 79 Resp: 554310
Ion Ratio Lower Upper
79 100
108 85.0 66.6 99.8
77 61.9 49.2 73.8

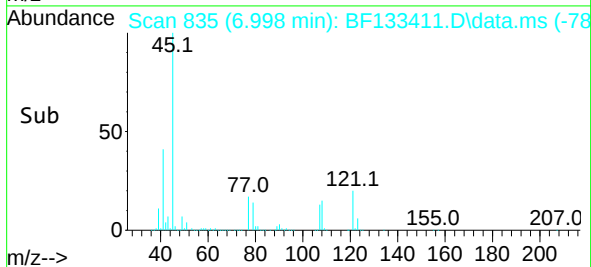
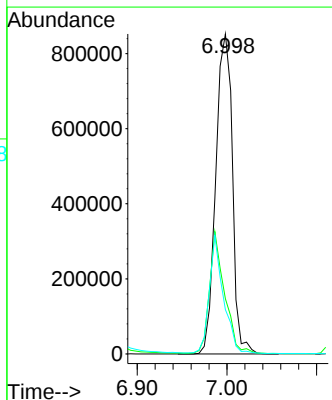
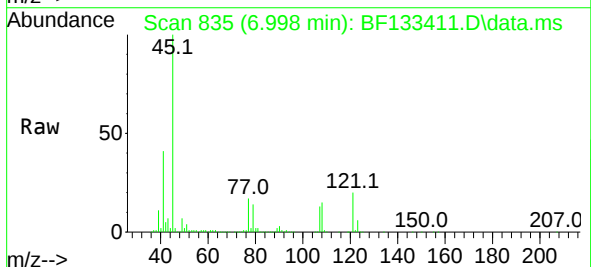
Manual Integrations
APPROVED

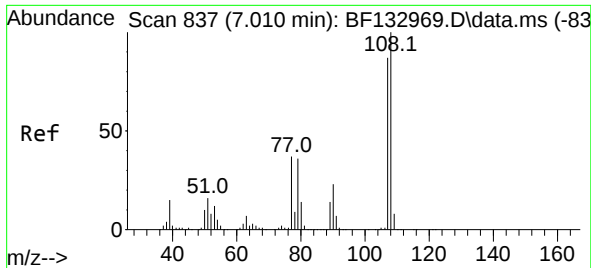
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.985 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion: 45 Resp: 1093275
Ion Ratio Lower Upper
45 100
77 17.2 0.0 31.5
79 13.8 0.0 28.7





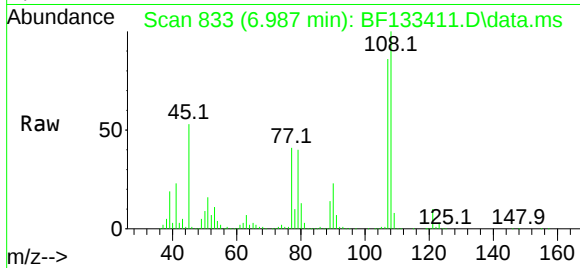
#17
2-Methylphenol
Concen: 37.217 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

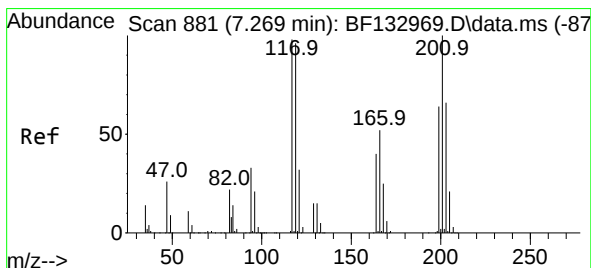
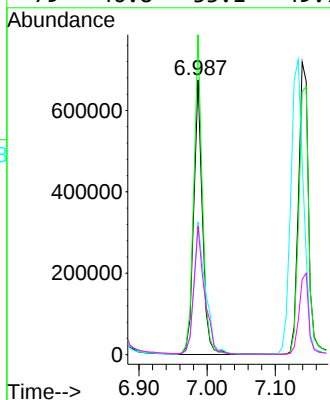
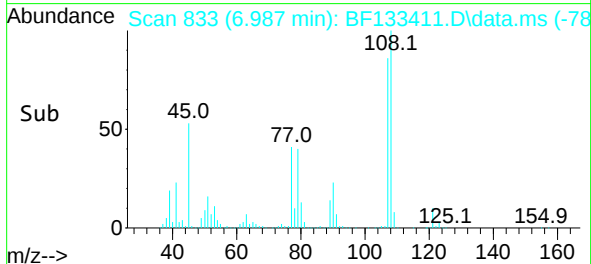


Tgt Ion:107 Resp: 60586
Ion Ratio Lower Upper
107 100
108 116.4 92.4 138.6
77 48.3 33.8 50.8
79 46.8 33.1 49.7

Manual Integrations

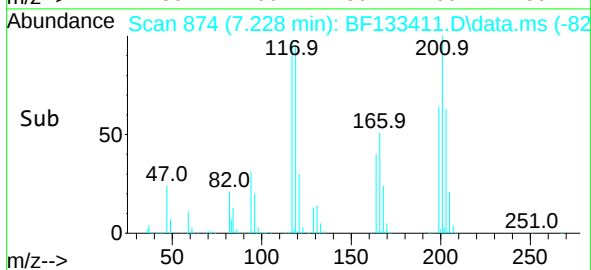
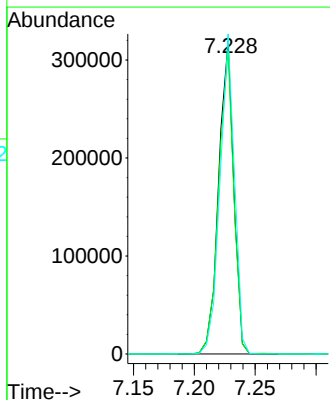
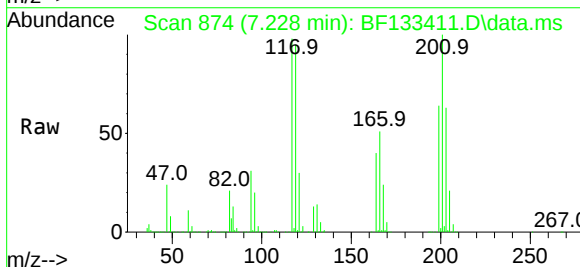
APPROVED

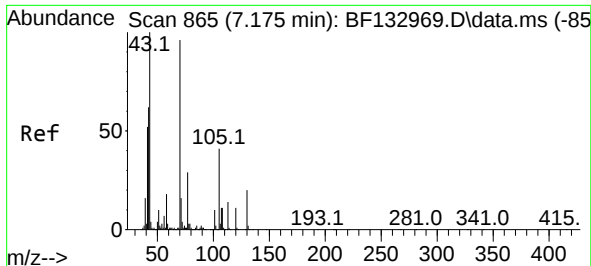
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#18
Hexachloroethane
Concen: 41.557 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:117 Resp: 273698
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.4
201 102.3 81.7 122.5





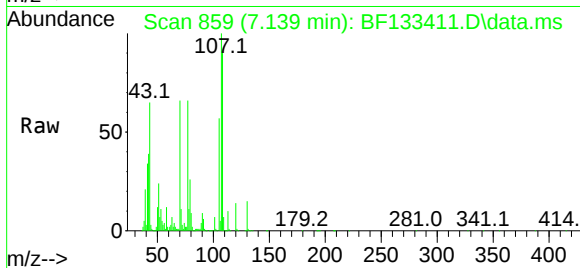
#19
n-Nitroso-di-n-propylamine
Concen: 34.843 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

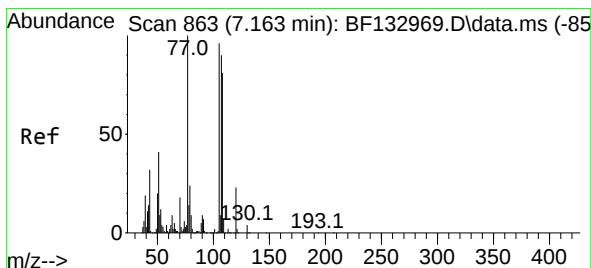
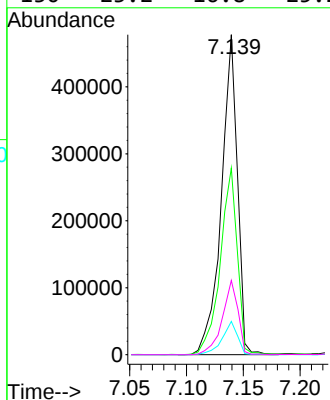
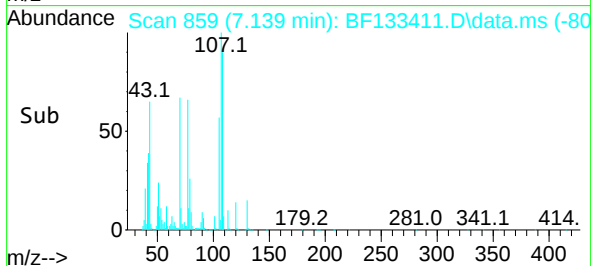
PB152566BS



Tgt Ion: 70 Resp: 471440
Ion Ratio Lower Upper
70 100
42 58.3 51.8 77.6
101 10.4 8.0 12.0
130 23.2 16.8 25.2

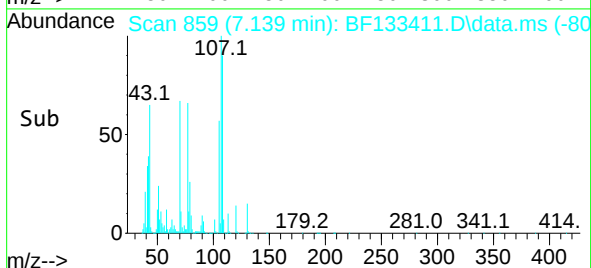
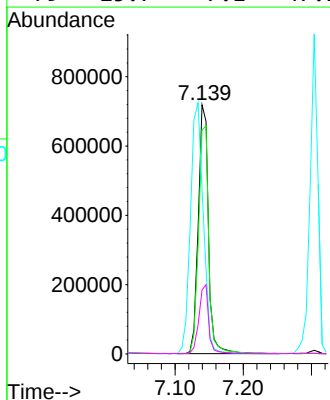
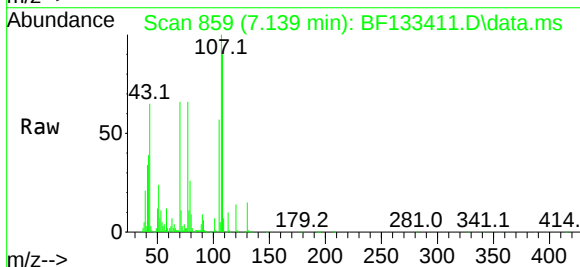
Manual Integrations
APPROVED

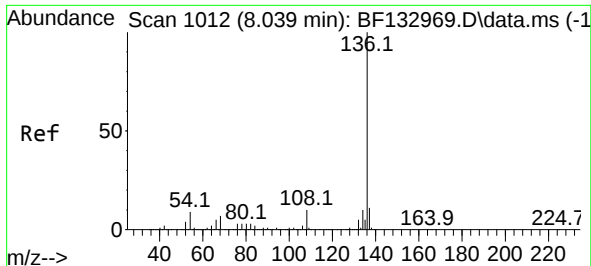
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#20
3+4-Methylphenols
Concen: 38.696 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:107 Resp: 741854
Ion Ratio Lower Upper
107 100
108 89.9 70.5 110.5
77 65.8 91.7 131.7#
79 25.7 7.1 47.1





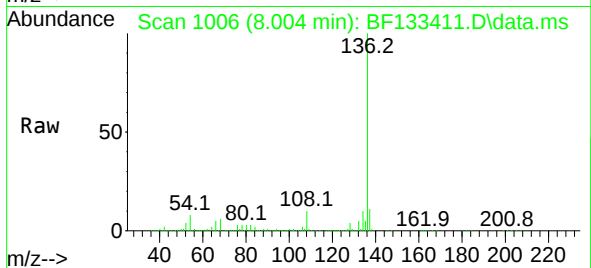
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

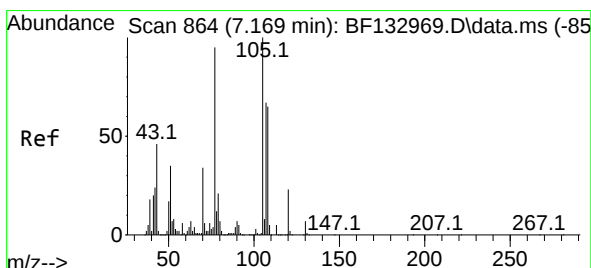
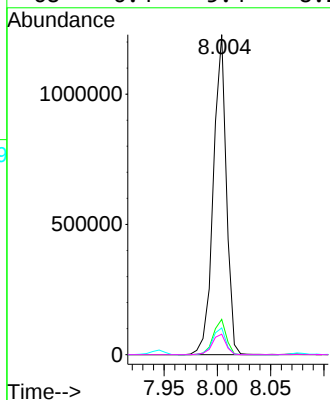
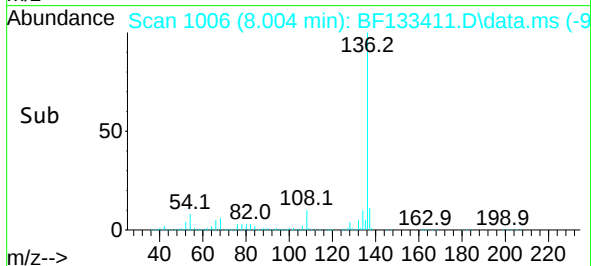


Tgt Ion:136 Resp: 104023
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 7.0 10.4
68 6.4 5.4 8.2

Manual Integrations

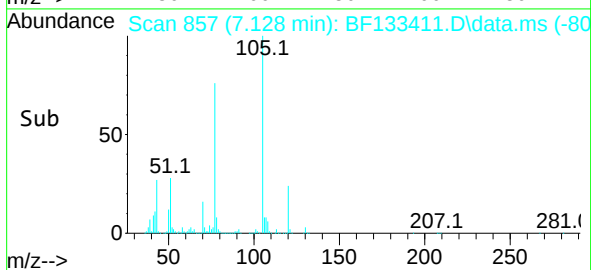
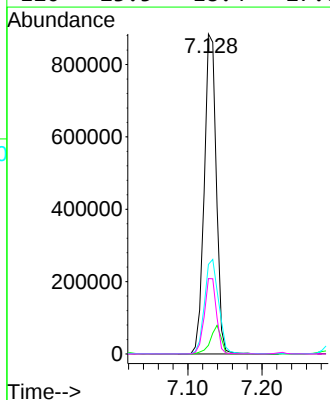
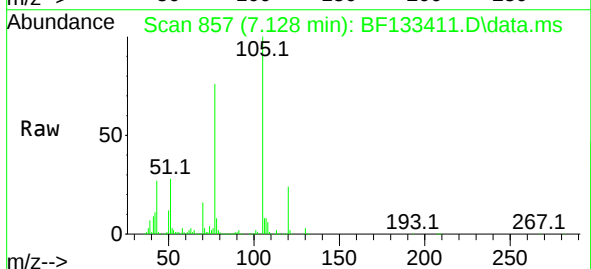
APPROVED

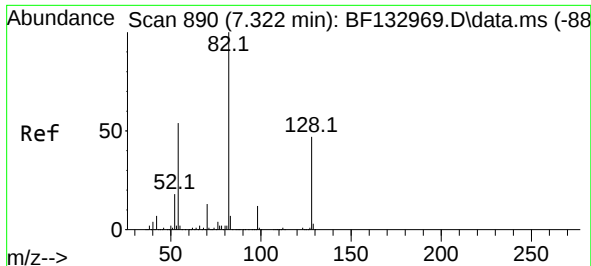
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 41.498 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:105 Resp: 999969
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 28.0 28.2 42.2#
120 23.5 18.4 27.6





#23
Nitrobenzene-d5
Concen: 62.168 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

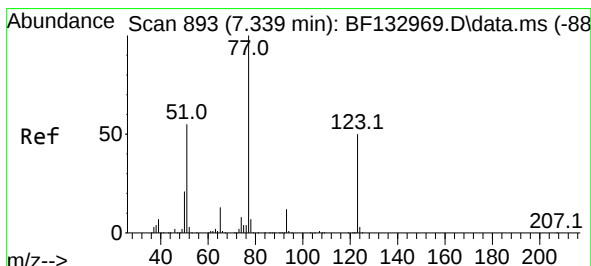
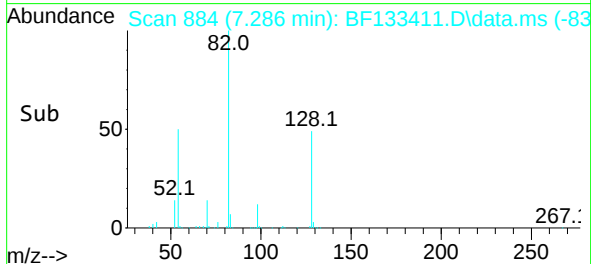
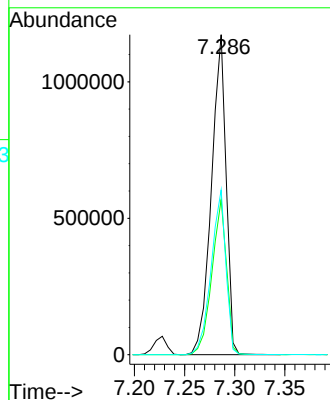
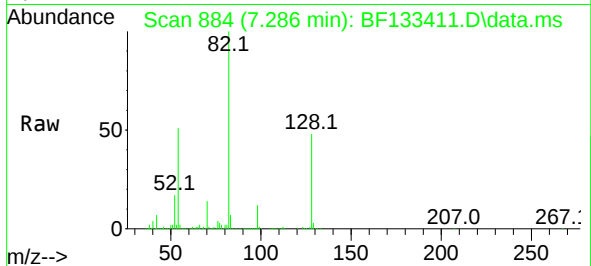
ClientSampleId :

PB152566BS

Tgt Ion: 82 Resp: 119809
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.5 43.0 64.4

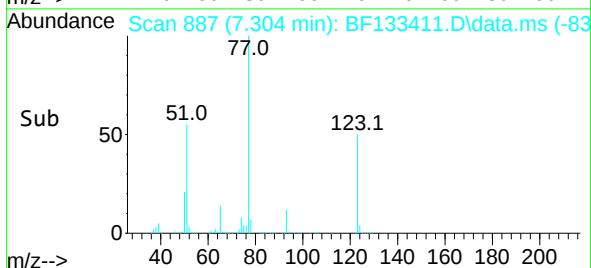
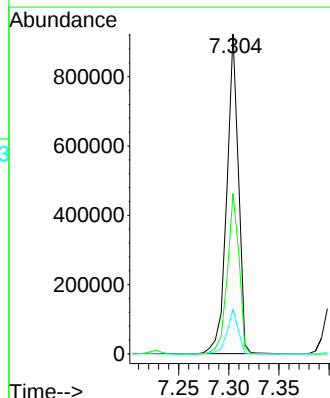
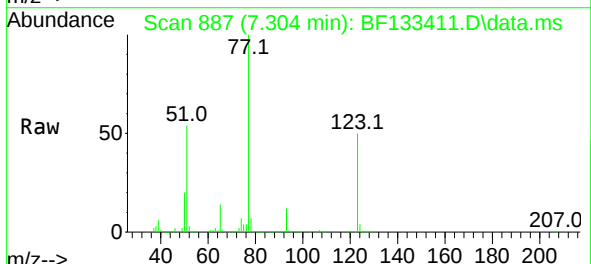
Manual Integrations
APPROVED

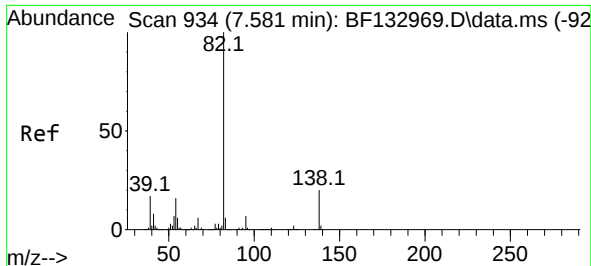
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#24
Nitrobenzene
Concen: 37.975 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

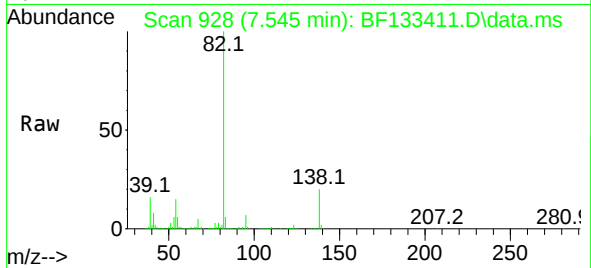
Tgt Ion: 77 Resp: 741596
Ion Ratio Lower Upper
77 100
123 50.1 39.9 59.9
65 13.9 10.7 16.1





#25
Isophorone
Concen: 38.603 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

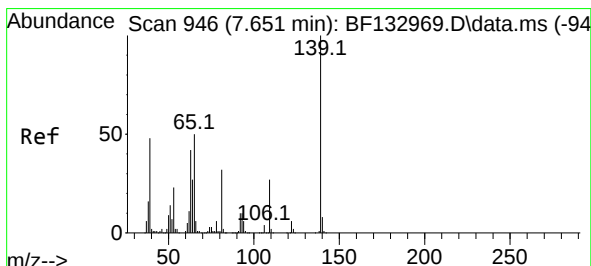
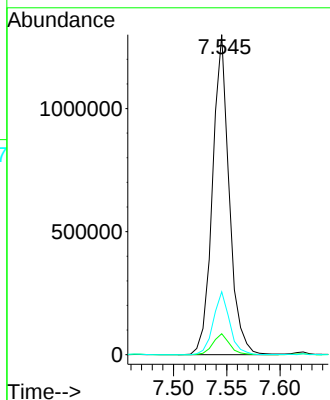
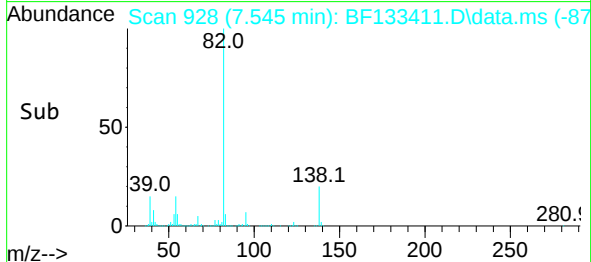
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion: 82 Resp: 1412504
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.6 16.0 24.0

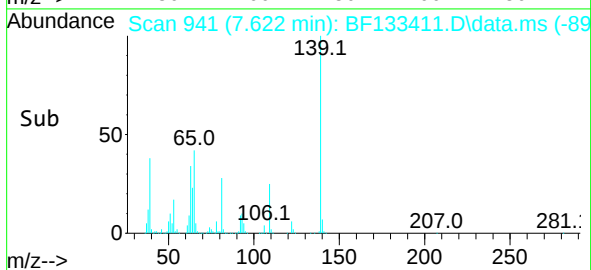
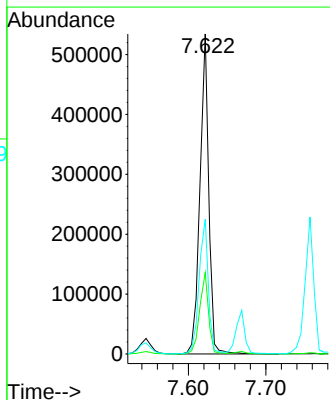
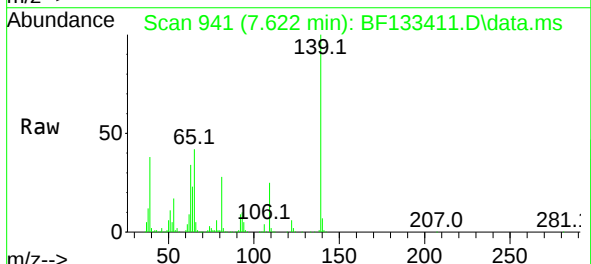
Manual Integrations
APPROVED

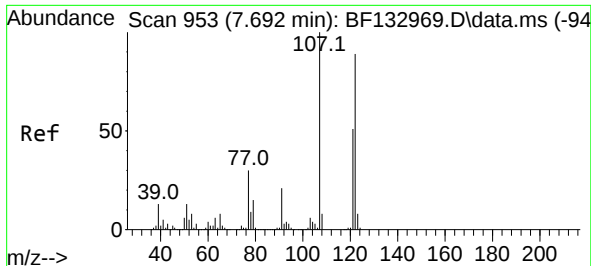
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#26
2-Nitrophenol
Concen: 44.959 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:139 Resp: 423481
Ion Ratio Lower Upper
139 100
109 25.4 21.6 32.4
65 42.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 41.522 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133411.D

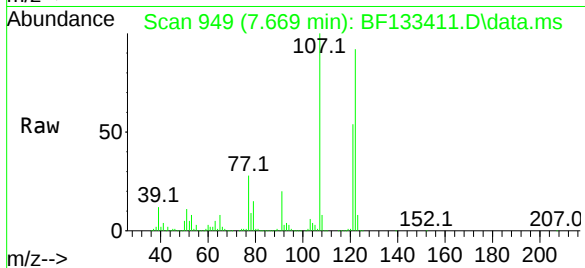
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

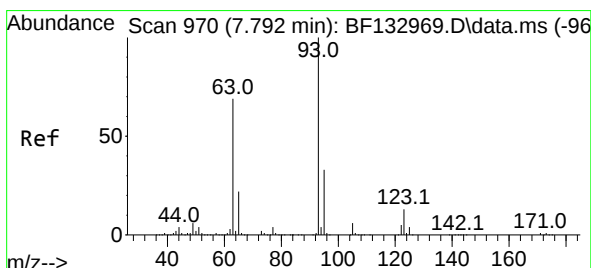
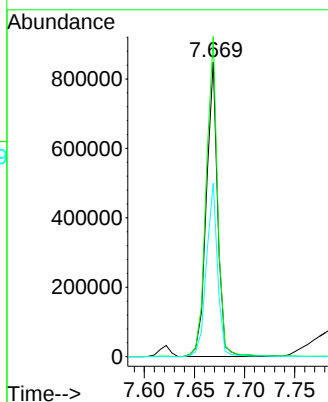
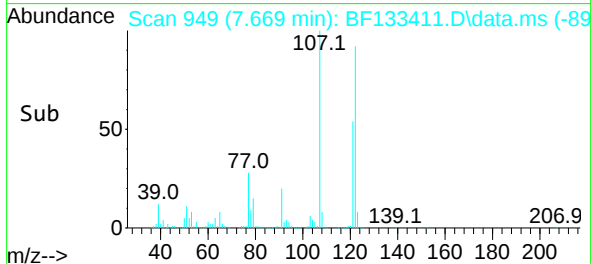


Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.6	89.7	134.5
121	58.8	46.0	69.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.383 ng

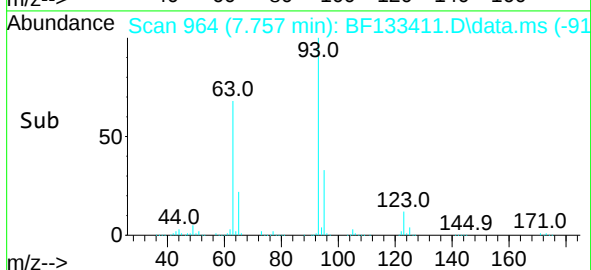
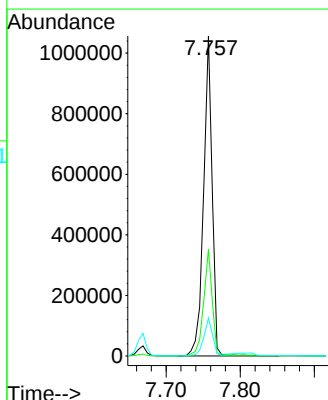
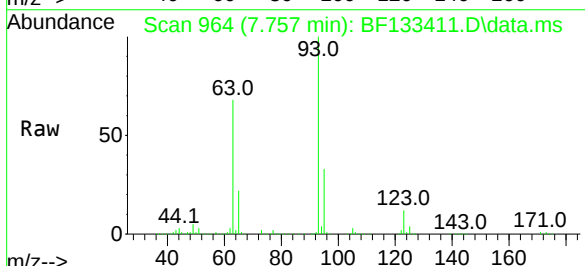
RT: 7.757 min Scan# 964

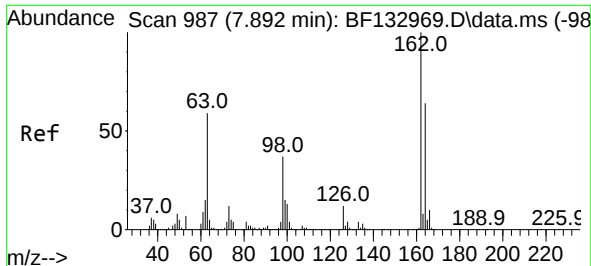
Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	11.9	10.3	15.5





#29
2,4-Dichlorophenol
Concen: 42.245 ng
RT: 7.869 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

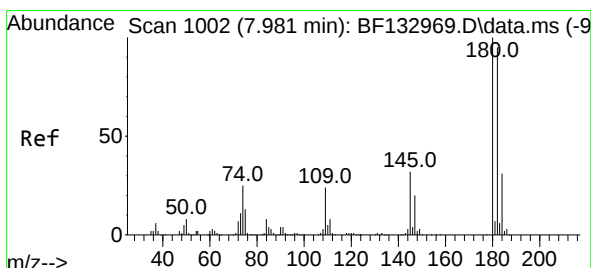
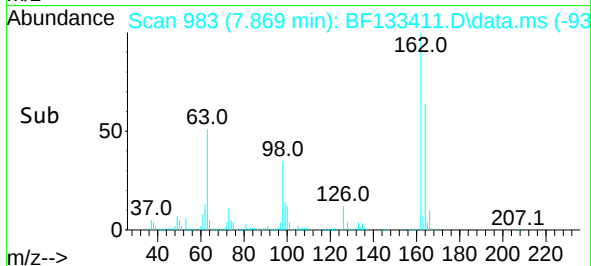
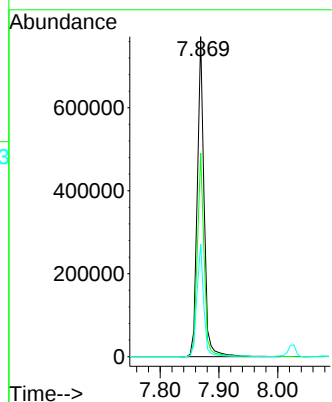
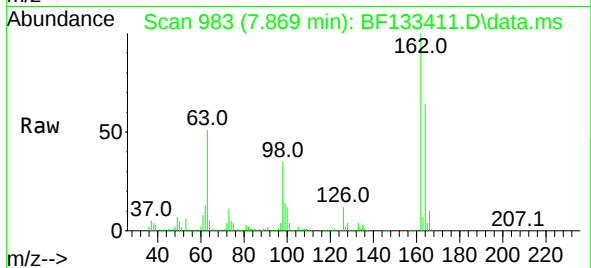
PB152566BS

Tgt Ion:162 Resp: 621149
Ion Ratio Lower Upper
162 100
164 63.6 43.9 83.9
98 35.2 17.0 57.0

Manual Integrations

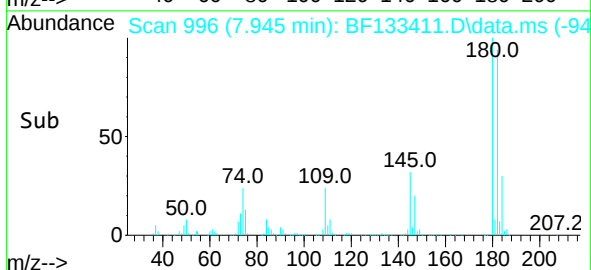
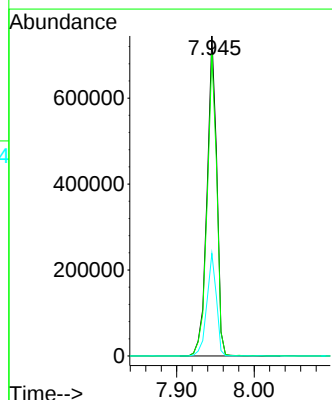
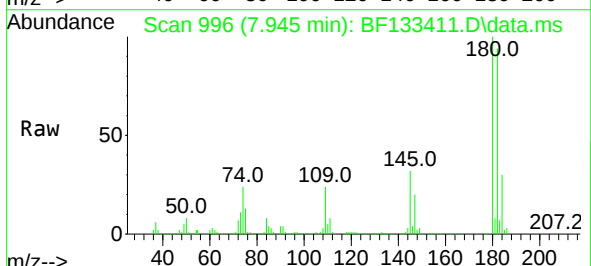
APPROVED

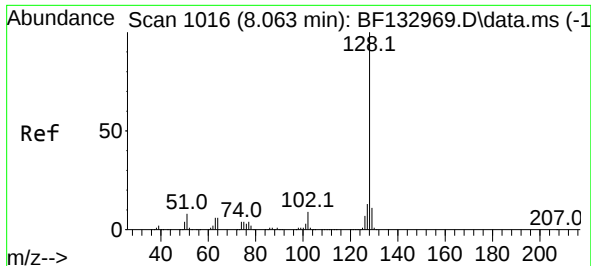
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.413 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:180 Resp: 646060
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 32.1 25.3 37.9





#31
Naphthalene
Concen: 39.808 ng
RT: 8.028 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

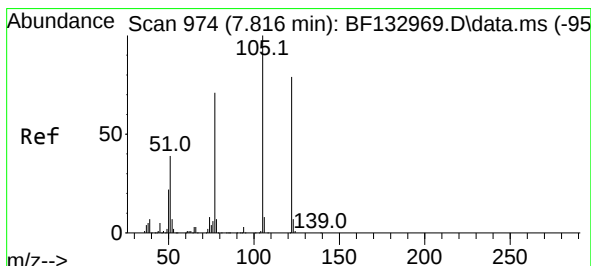
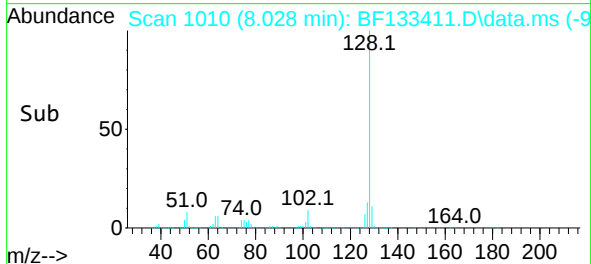
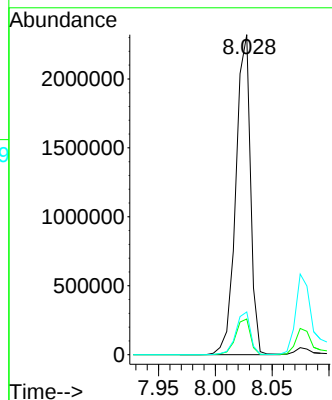
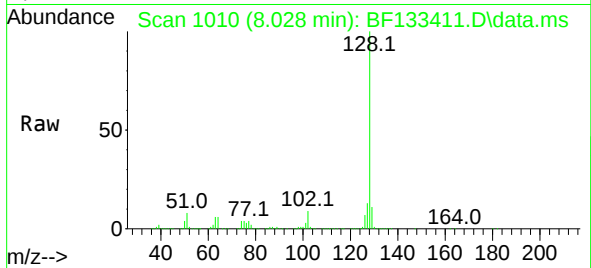
ClientSampleId :

PB152566BS

Tgt Ion:128 Resp: 207035
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.7 16.1

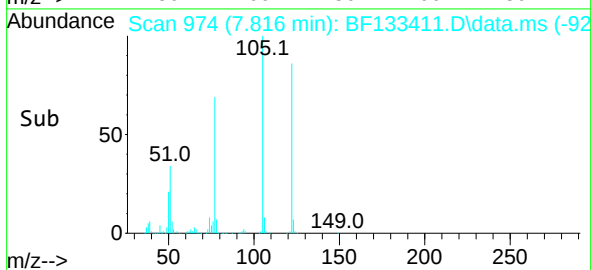
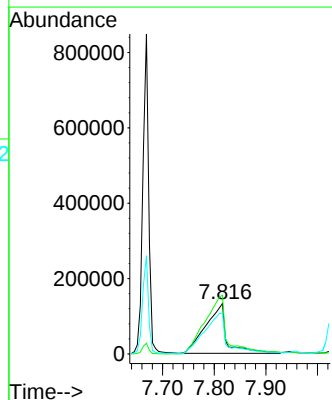
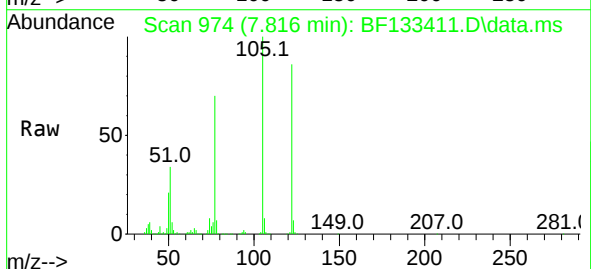
Manual Integrations
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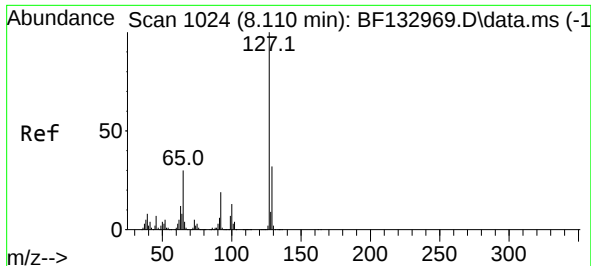
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#32
Benzoic acid
Concen: 37.942 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:122 Resp: 378533
Ion Ratio Lower Upper
122 100
105 116.6 104.2 144.2
77 81.1 69.7 109.7





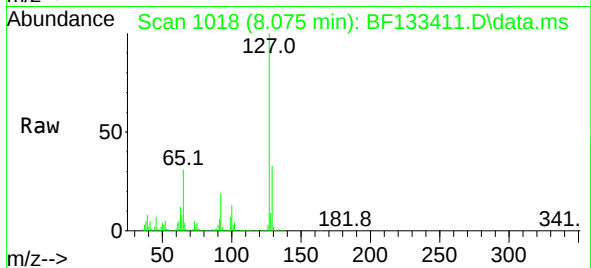
#33
4-Chloroaniline
Concen: 31.848 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

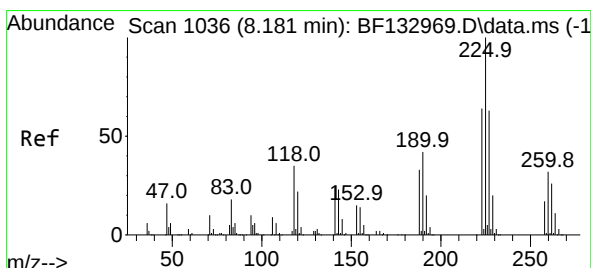
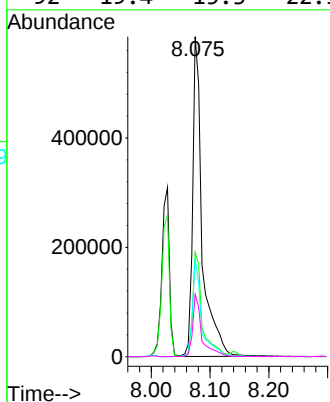
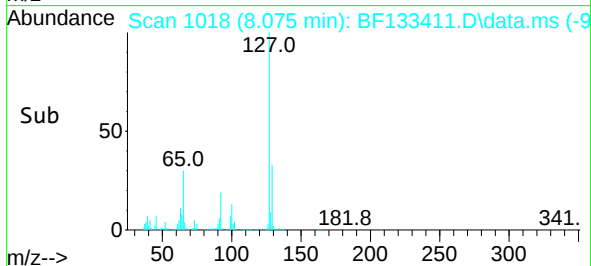


Tgt Ion:127 Resp: 669240
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 30.7 23.6 35.4
92 19.4 15.3 22.9

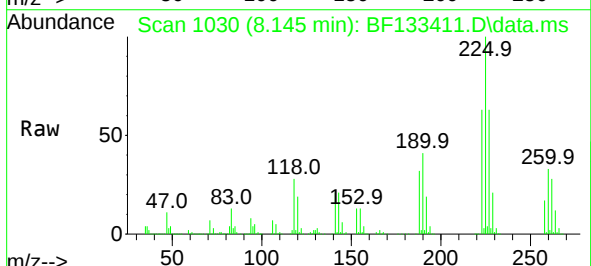
Manual Integrations

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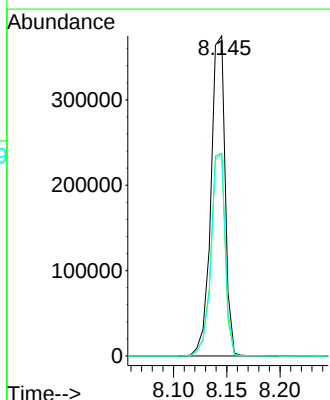
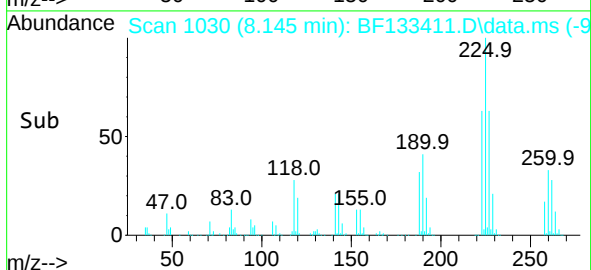
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

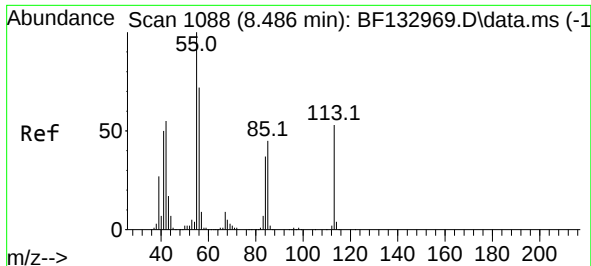


#34
Hexachlorobutadiene
Concen: 41.240 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



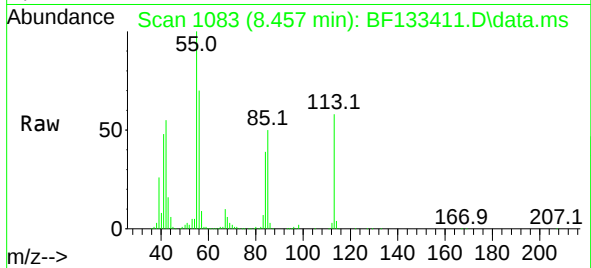
Tgt Ion:225 Resp: 348176
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 63.2 50.3 75.5





#35
Caprolactam
Concen: 43.870 ng m
RT: 8.457 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

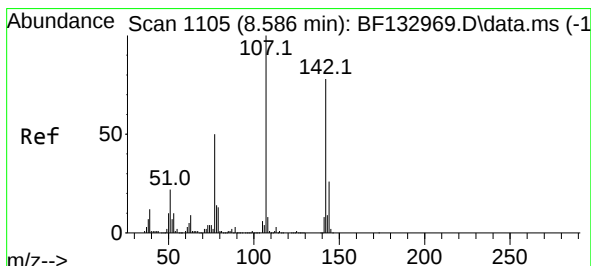
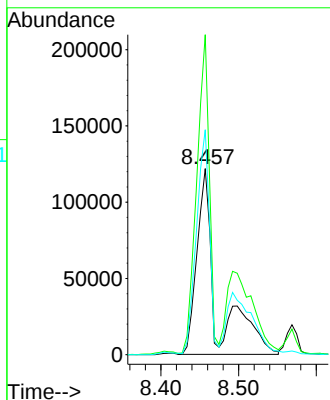
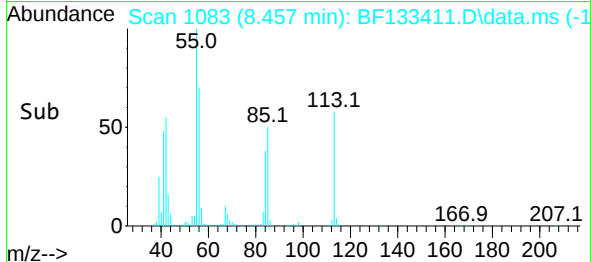
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion:113 Resp: 21669
Ion Ratio Lower Upper
113 100
55 171.9 167.1 207.1
56 120.8 114.5 154.5

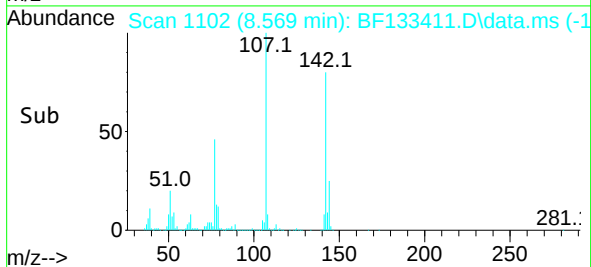
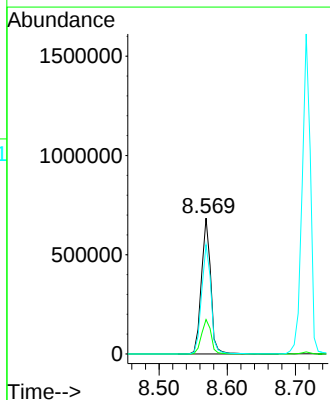
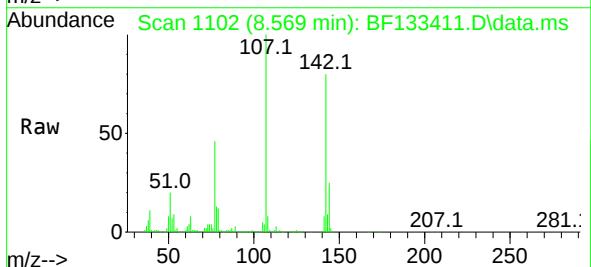
Manual Integrations
APPROVED

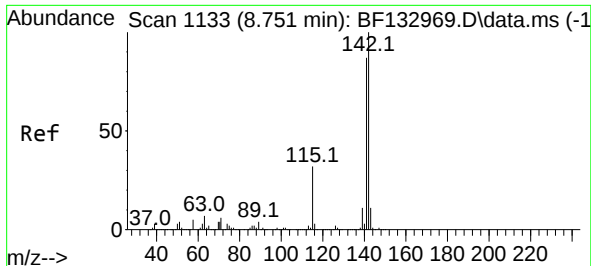
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#36
4-Chloro-3-methylphenol
Concen: 40.948 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:107 Resp: 649261
Ion Ratio Lower Upper
107 100
144 25.3 20.6 30.8
142 80.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.348 ng

RT: 8.716 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:142 Resp: 136353

Ion Ratio Lower Upper

142 100

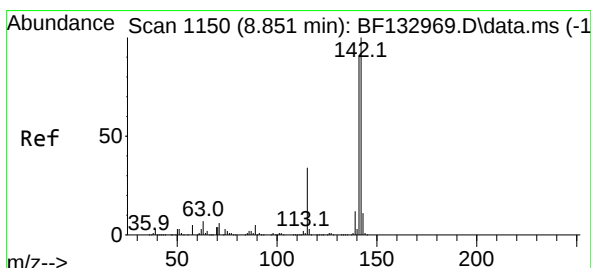
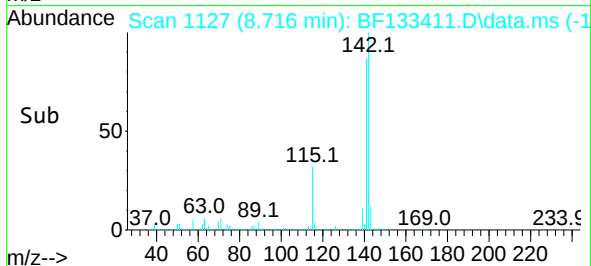
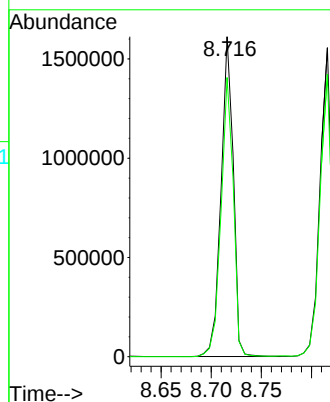
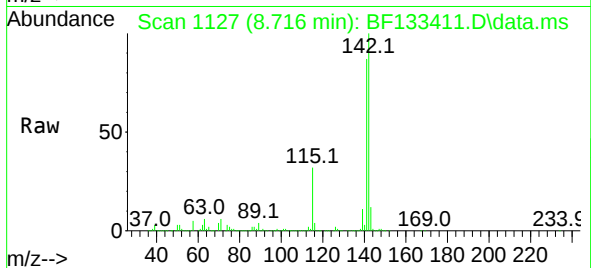
141 87.3 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 38.214 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133411.D

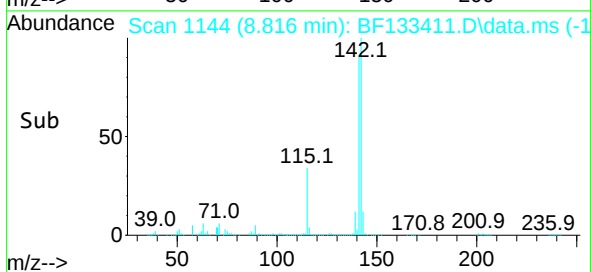
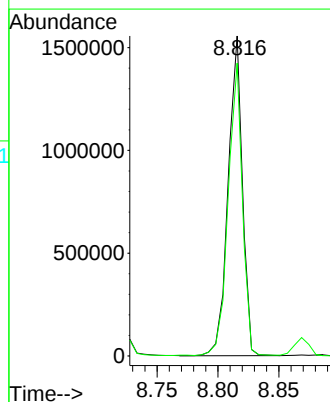
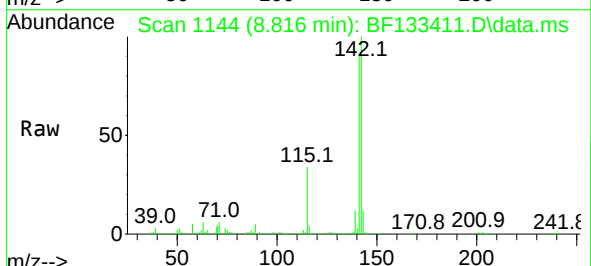
Acq: 17 May 2023 14:04

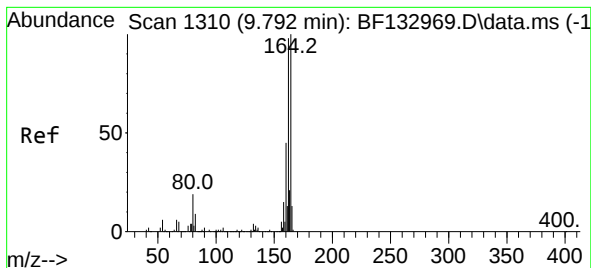
Tgt Ion:142 Resp: 1271114

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 11304

Delta R.T. -0.006 min

Lab File: BF133411.D

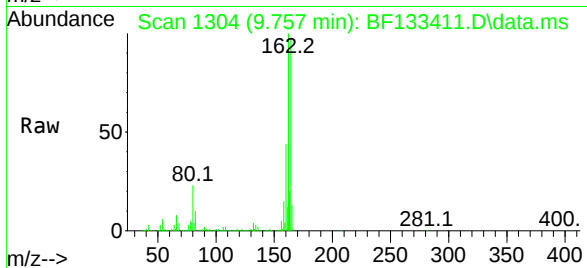
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS



Tgt Ion:164 Resp: 534460

Ion Ratio Lower Upper

164 100

162 102.2 78.7 118.1

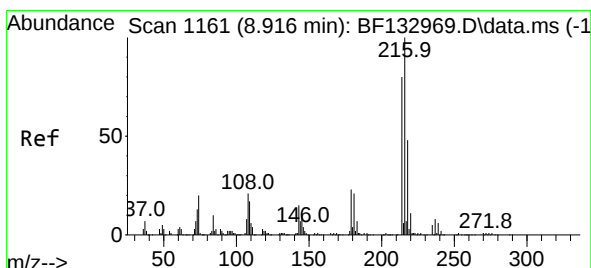
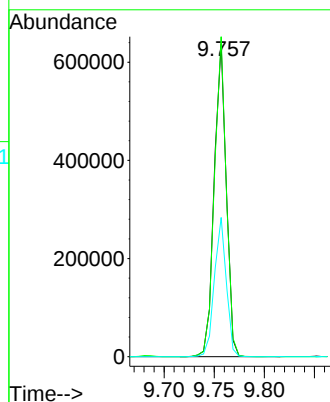
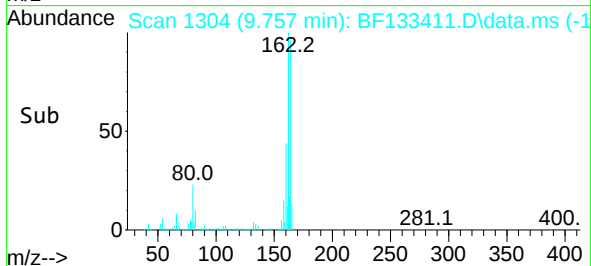
160 44.5 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.490 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Tgt Ion:216 Resp: 581847

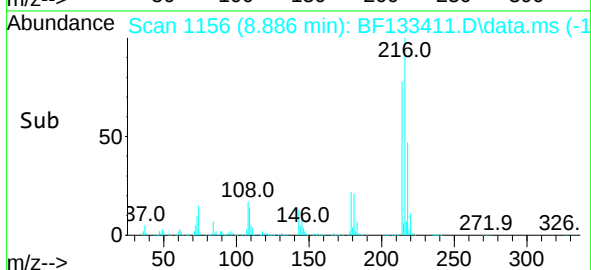
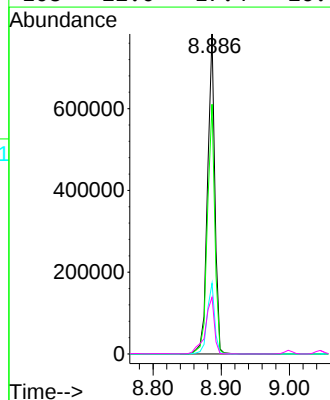
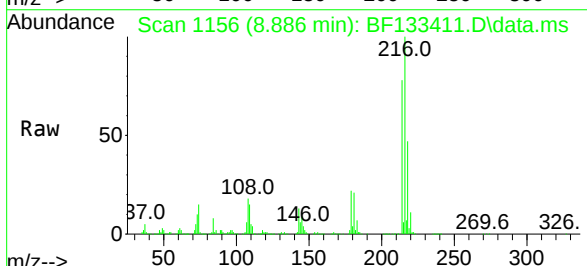
Ion Ratio Lower Upper

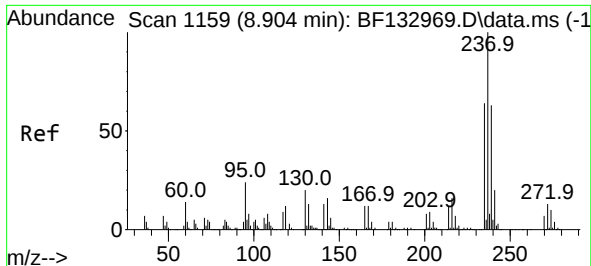
216 100

214 78.9 63.5 95.3

179 22.5 17.4 26.2

108 22.0 17.4 26.0





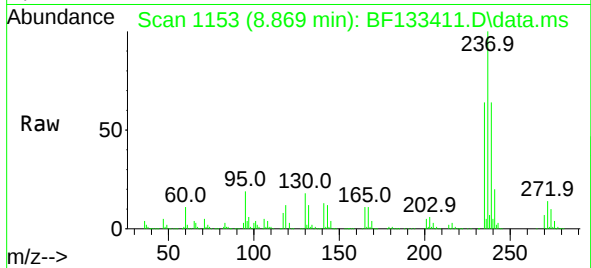
#41
Hexachlorocyclopentadiene
Concen: 75.498 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

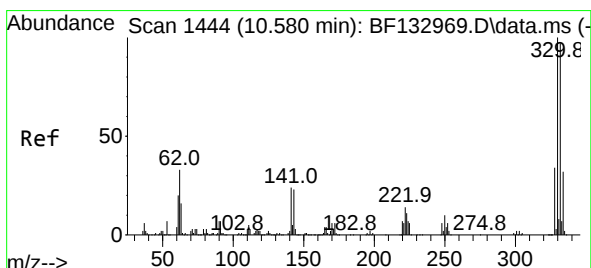
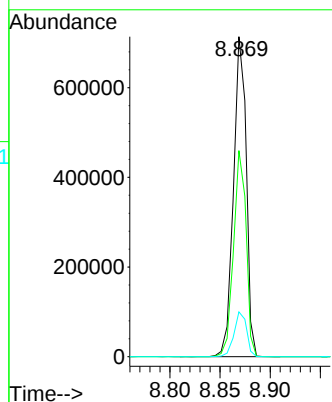


Tgt Ion:237 Resp: 632730
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 14.0 0.0 32.7

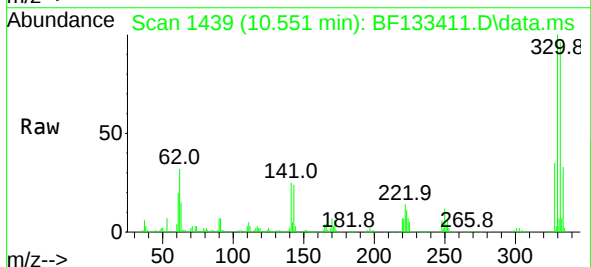
Manual Integrations

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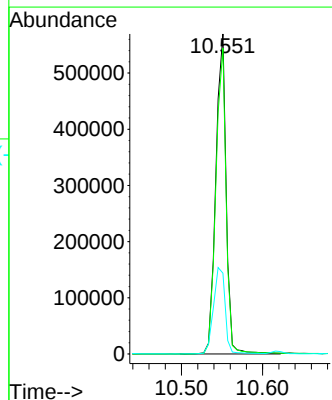
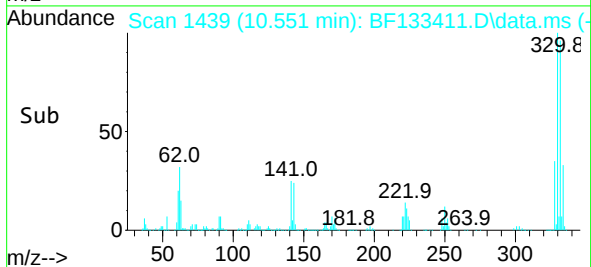
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

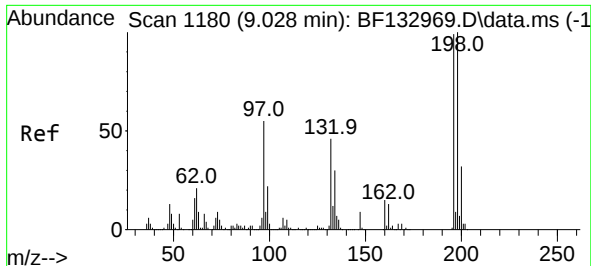


#42
2,4,6-Tribromophenol
Concen: 93.708 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



Tgt Ion:330 Resp: 503681
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.6 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 40.121 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

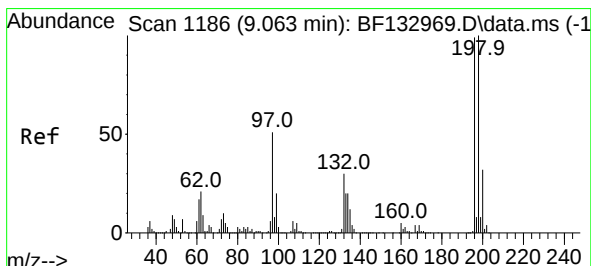
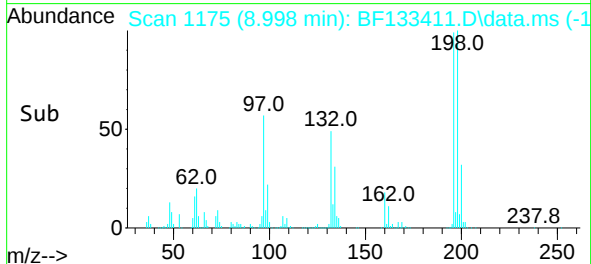
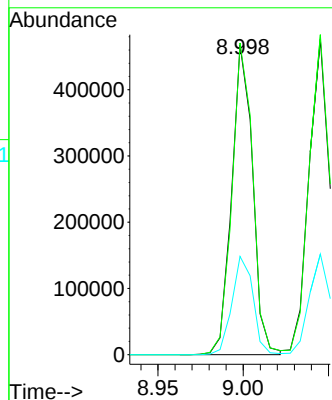
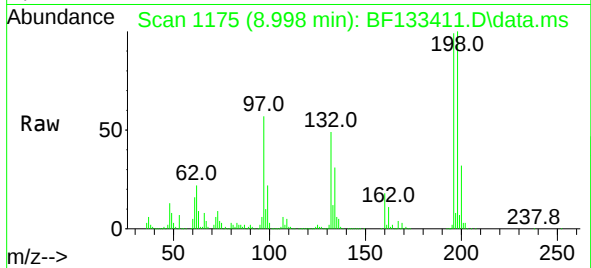
PB152566BS

Tgt Ion:196 Resp: 398718
Ion Ratio Lower Upper
196 100
198 100.6 81.0 121.6
200 31.7 26.1 39.1

Manual Integrations

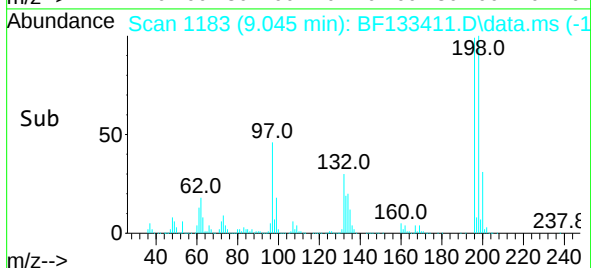
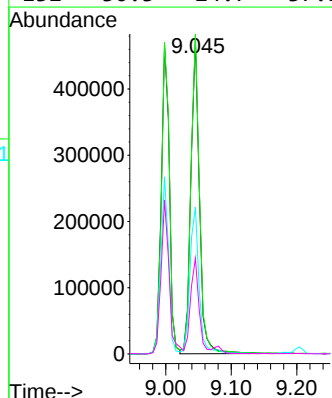
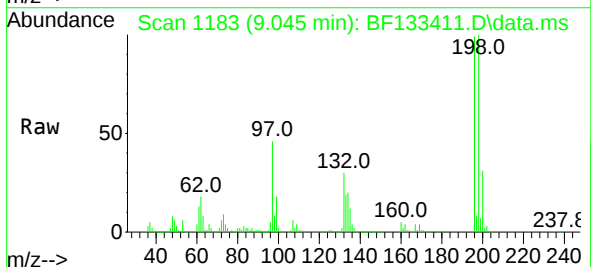
APPROVED

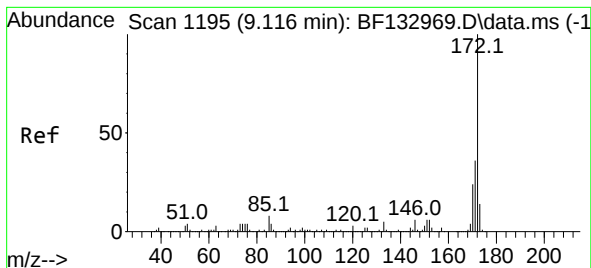
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#44
2,4,5-Trichlorophenol
Concen: 37.883 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:196 Resp: 435409
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 46.5 41.3 61.9
132 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 65.201 ng

RT: 9.080 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:172 Resp: 208292

Ion Ratio Lower Upper

172 100

171 37.0 28.8 43.2

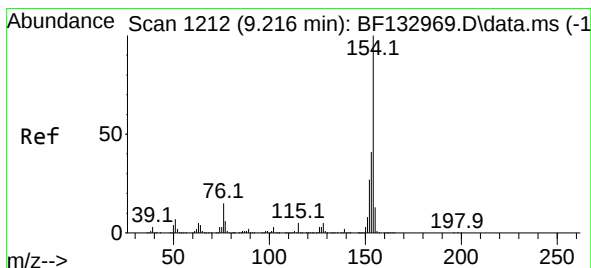
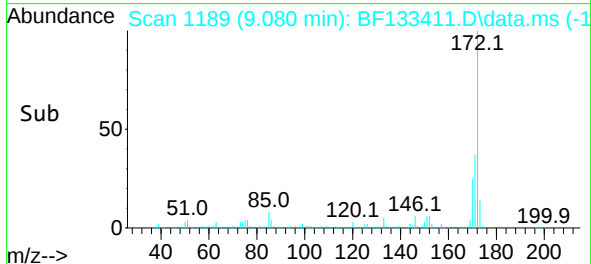
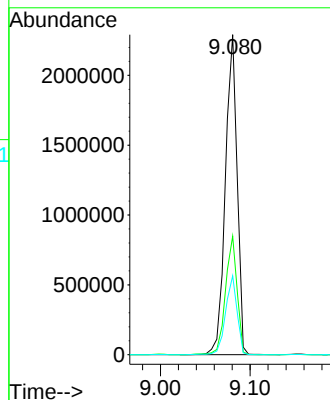
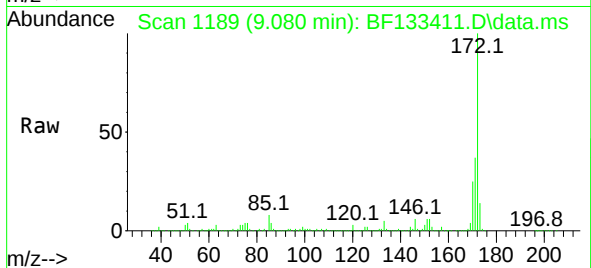
170 24.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#46

1,1'-Biphenyl

Concen: 39.713 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

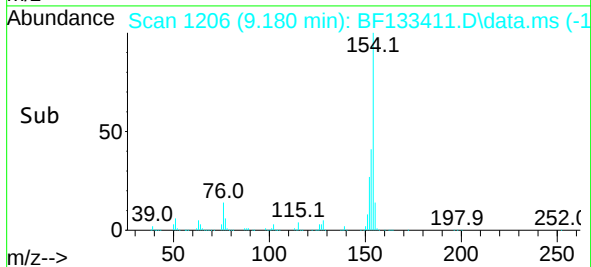
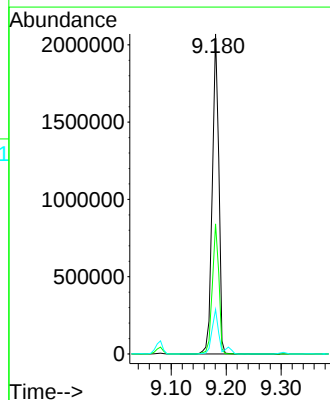
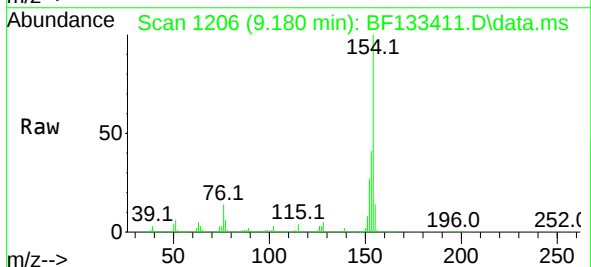
Tgt Ion:154 Resp: 1683064

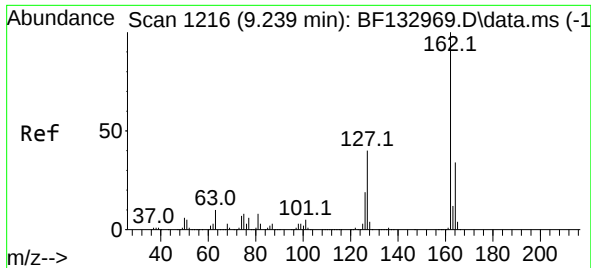
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 13.9 0.0 34.5





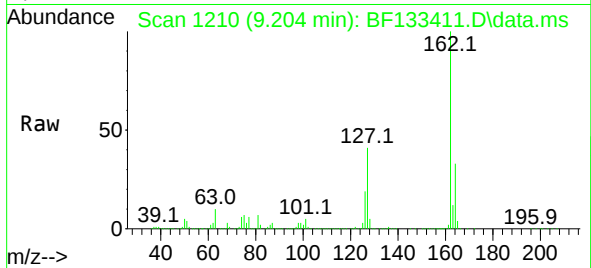
#47
2-Chloronaphthalene
Concen: 41.005 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

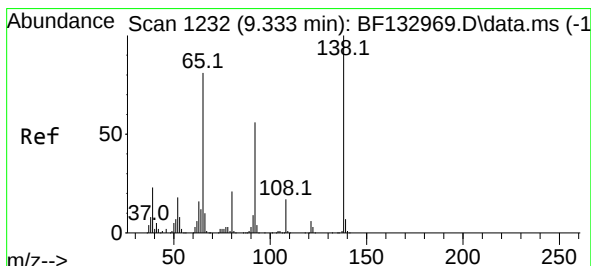
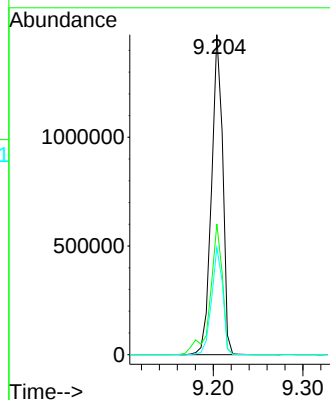
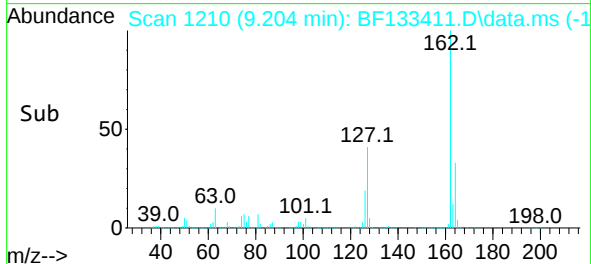


Tgt Ion:162 Resp: 127195
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 33.5 26.8 40.2

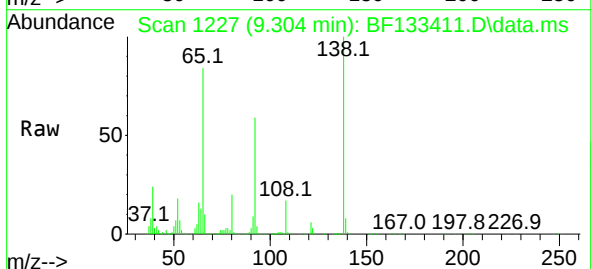
Manual Integrations

APPROVED

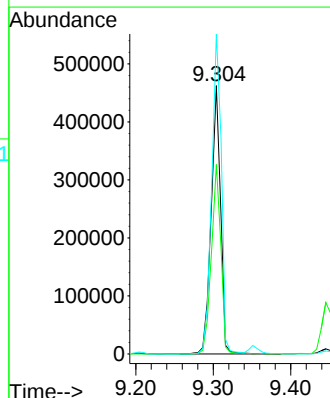
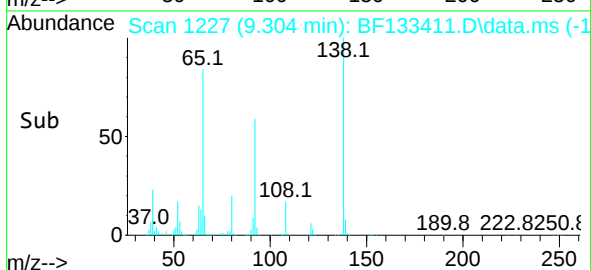
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

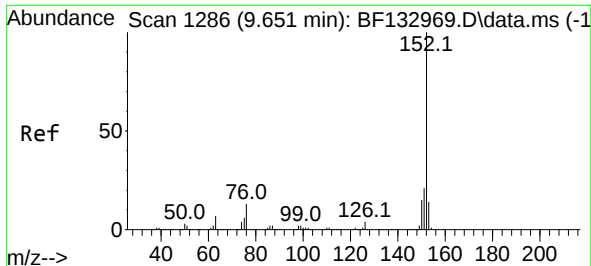


#48
2-Nitroaniline
Concen: 38.277 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



Tgt Ion: 65 Resp: 392407
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.0
138 119.2 98.2 147.2





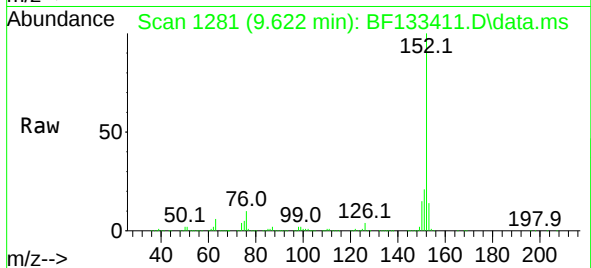
#49
Acenaphthylene
Concen: 39.009 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

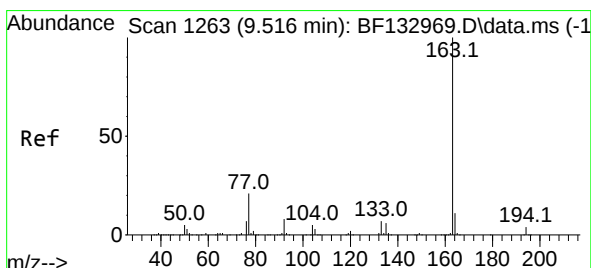
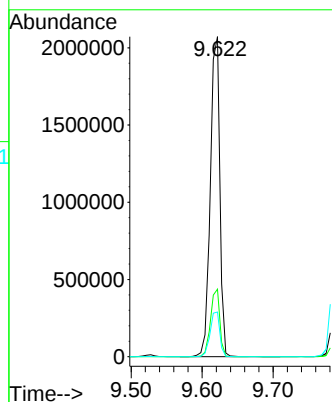
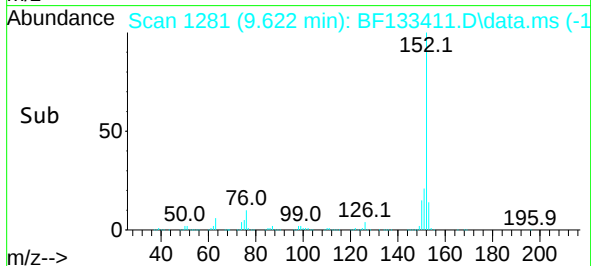


Tgt Ion:152 Resp: 193345
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 13.9 11.5 17.3

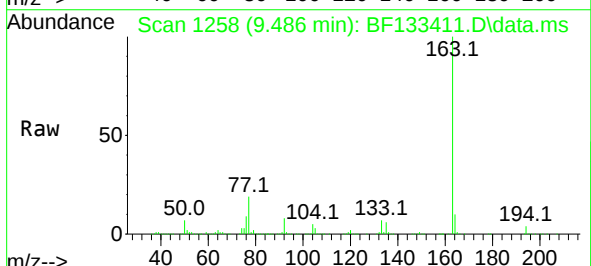
Manual Integrations

APPROVED

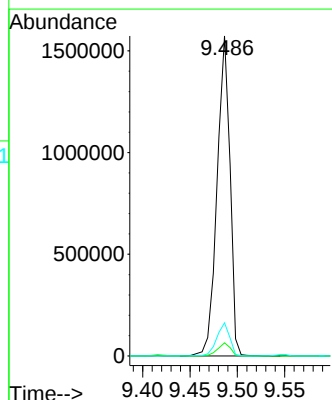
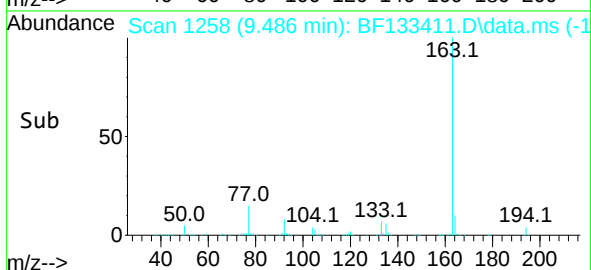
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

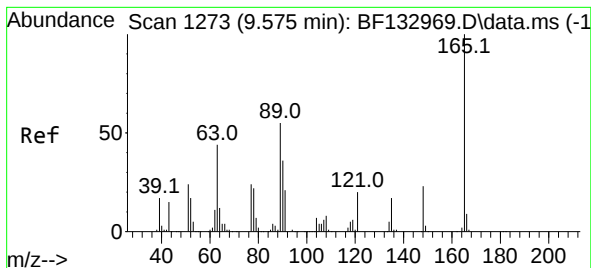


#50
Dimethylphthalate
Concen: 39.994 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



Tgt Ion:163 Resp: 1490445
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.5 12.7





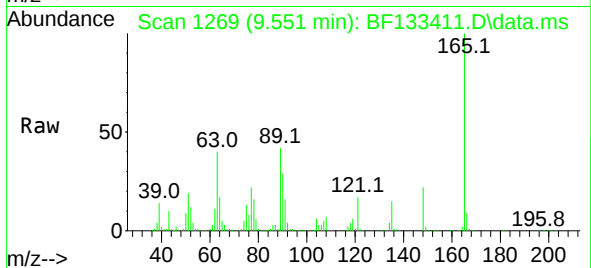
#51
2,6-Dinitrotoluene
Concen: 41.144 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

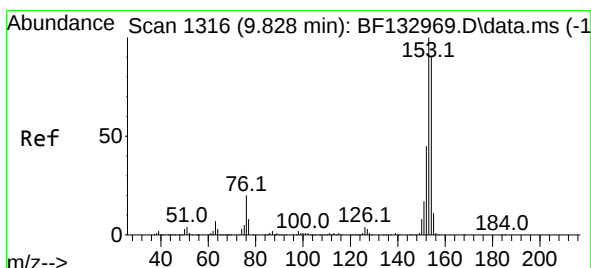
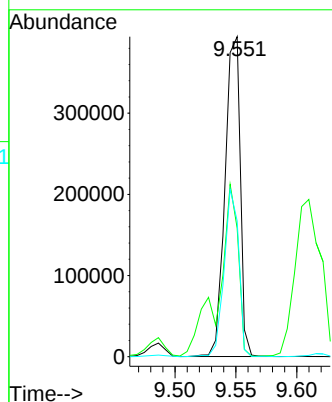
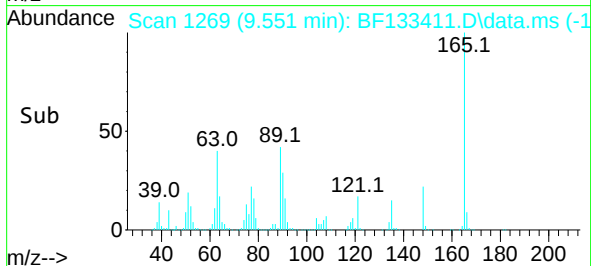


Tgt Ion:165 Resp: 345104
Ion Ratio Lower Upper
165 100
63 40.2 45.9 68.9
89 42.4 44.0 66.0

Manual Integrations

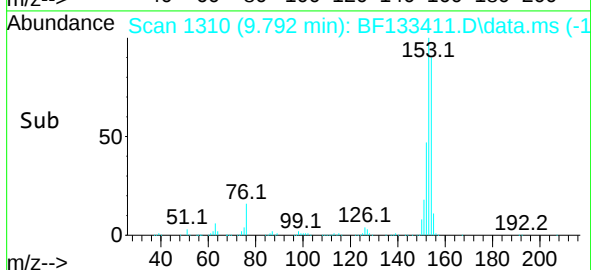
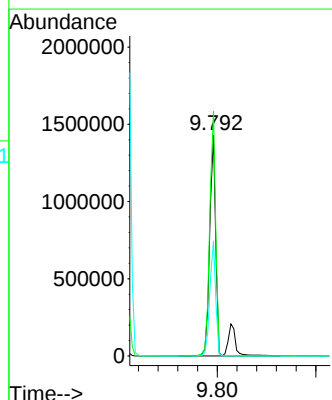
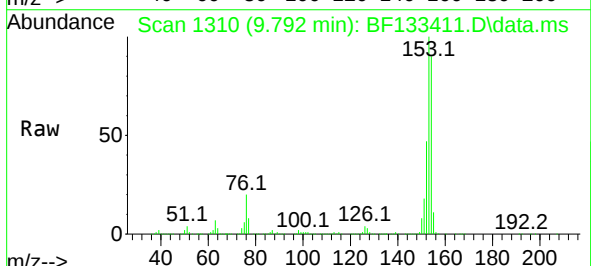
APPROVED

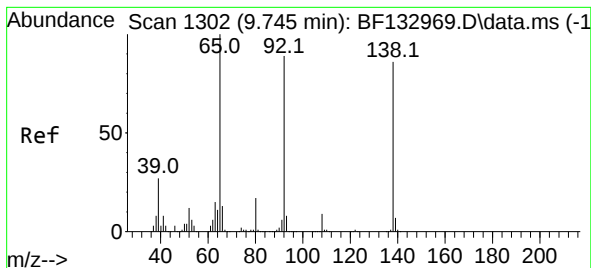
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 42.610 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:154 Resp: 1414485
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 52.1 40.4 60.6





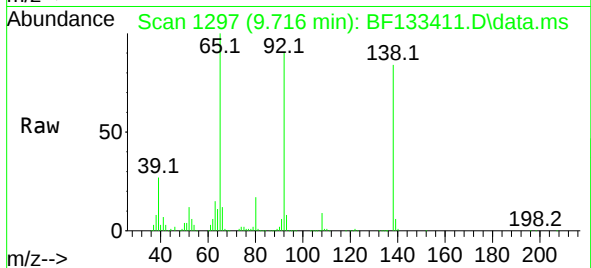
#53
3-Nitroaniline
Concen: 31.149 ng
RT: 9.716 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

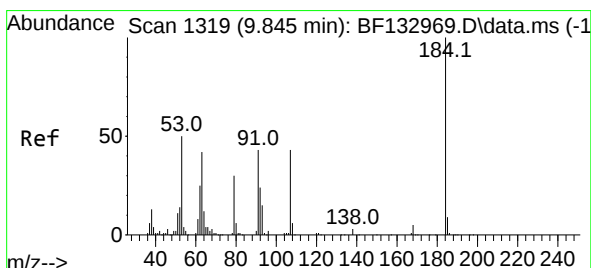
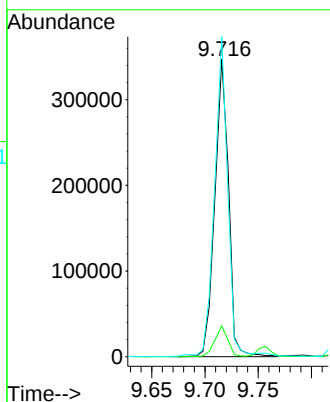
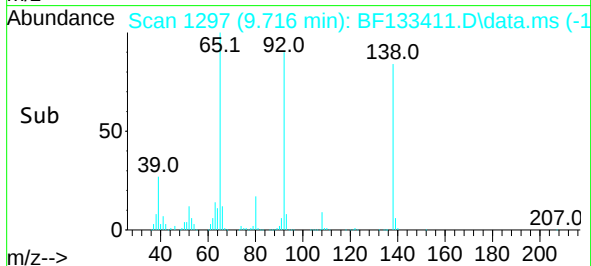


Tgt Ion:138 Resp: 310659
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 107.6 83.6 125.4

Manual Integrations

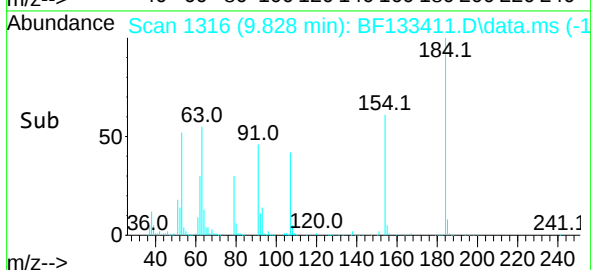
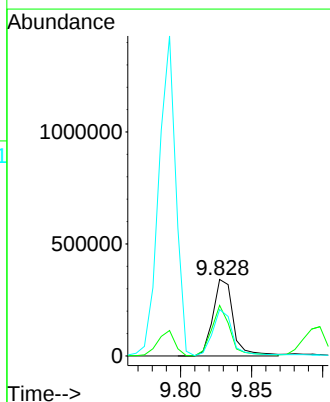
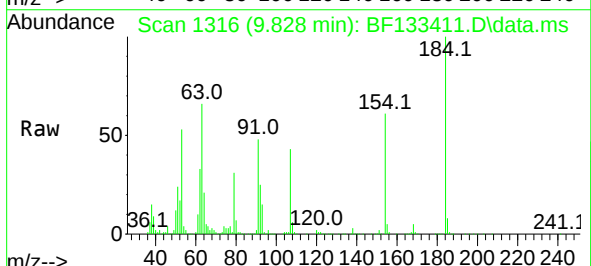
APPROVED

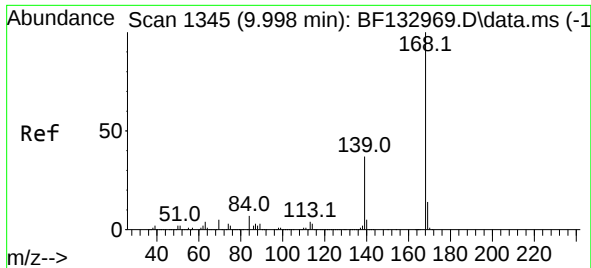
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 80.849 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:184 Resp: 340870
Ion Ratio Lower Upper
184 100
63 66.1 49.8 74.8
154 60.6 49.5 74.3





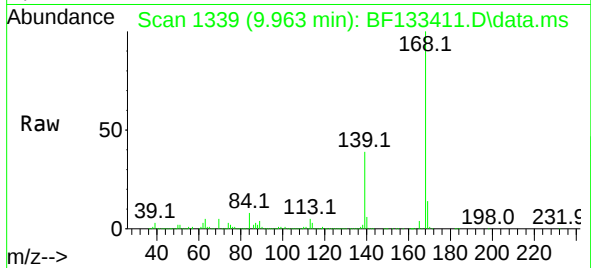
#55
Dibenzenofuran
Concen: 37.477 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

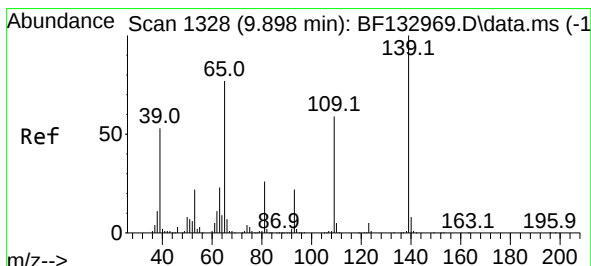
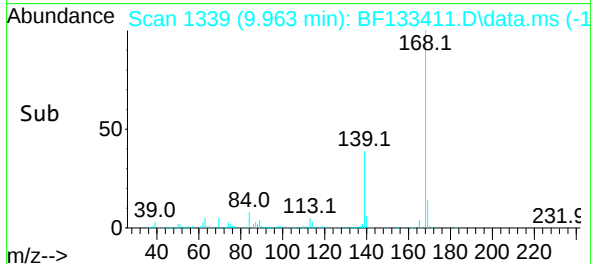
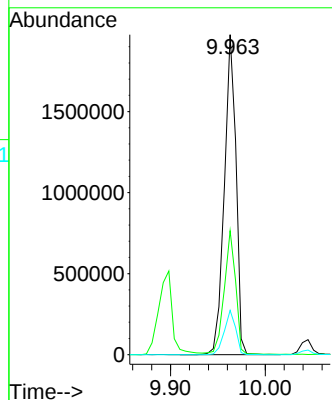


Tgt Ion:168 Resp: 169706
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.9 10.8 16.2

Manual Integrations

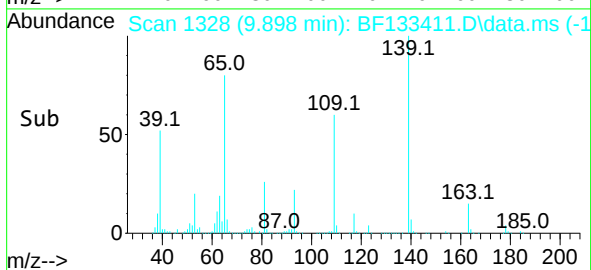
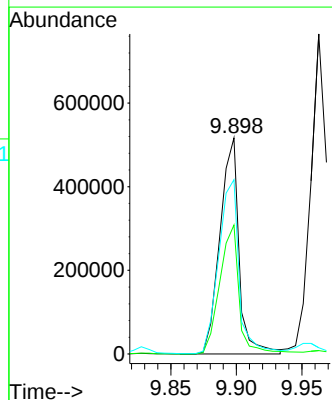
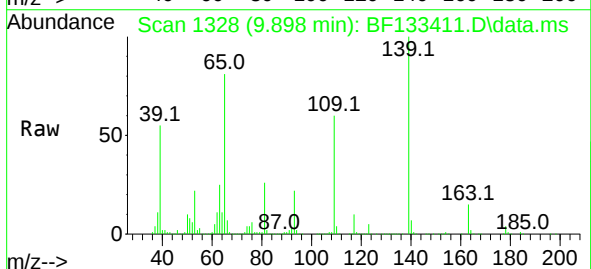
APPROVED

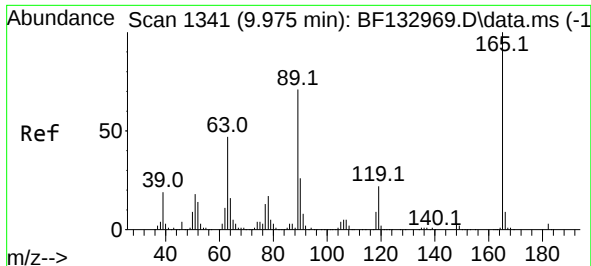
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 67.537 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:139 Resp: 521687
Ion Ratio Lower Upper
139 100
109 59.7 39.4 79.4
65 80.7 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 40.363 ng

RT: 9.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:165 Resp: 431750

Ion Ratio Lower Upper

165 100

63 43.9 37.7 56.5

89 60.4 57.0 85.4

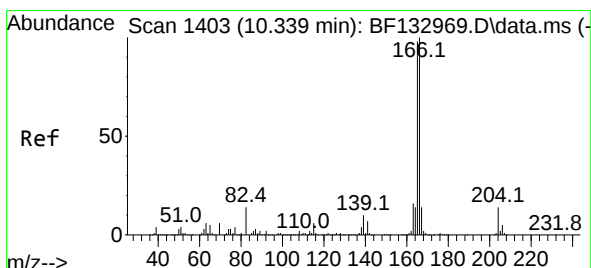
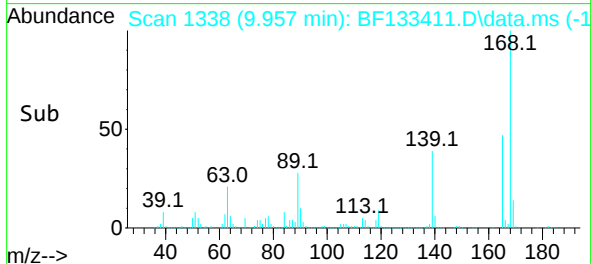
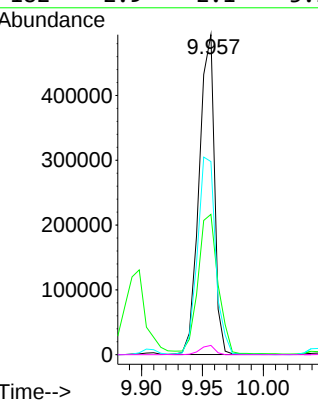
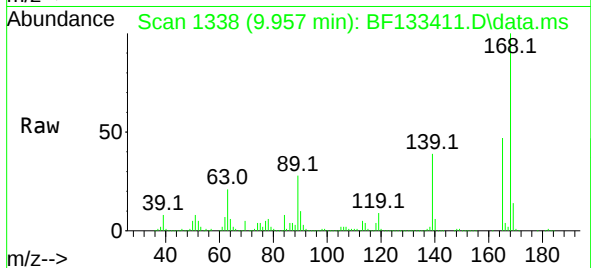
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#58

Fluorene

Concen: 38.929 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

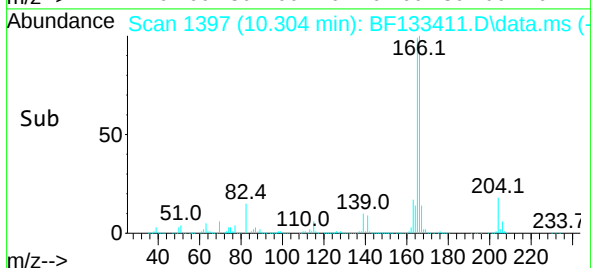
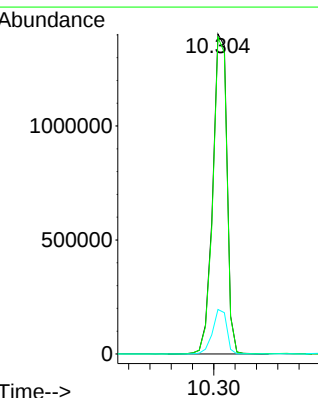
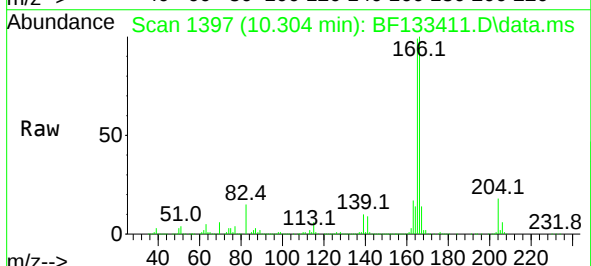
Tgt Ion:166 Resp: 1291497

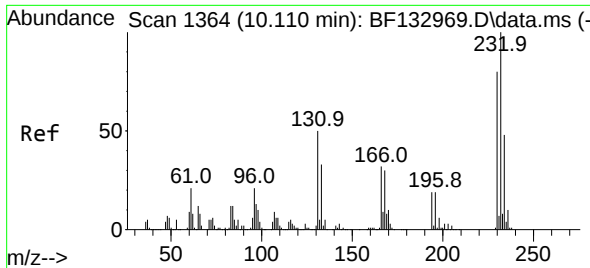
Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

167 13.9 11.0 16.4





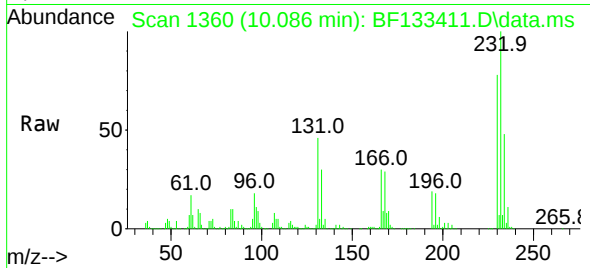
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.088 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

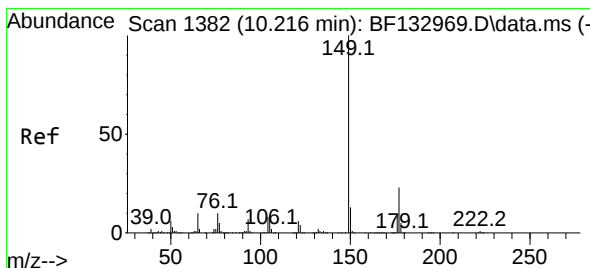
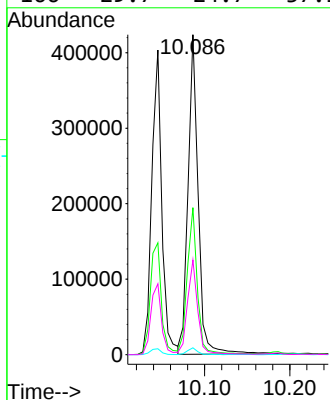
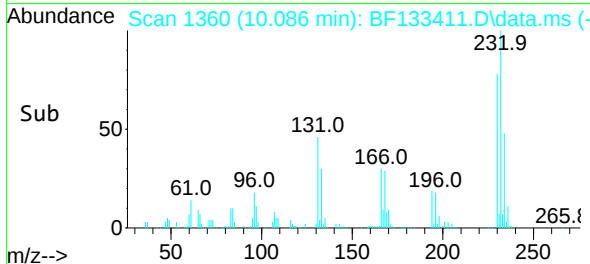


Tgt Ion:232 Resp: 348289
Ion Ratio Lower Upper
232 100
131 45.3 38.0 57.0
130 2.2 1.8 2.8
166 29.7 24.7 37.1

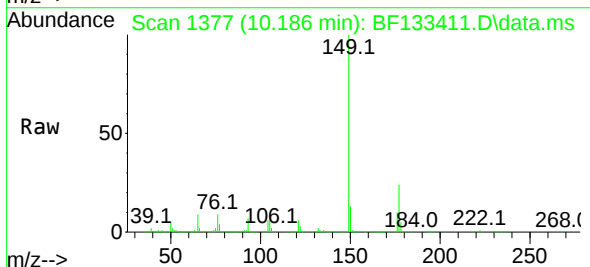
Manual Integrations

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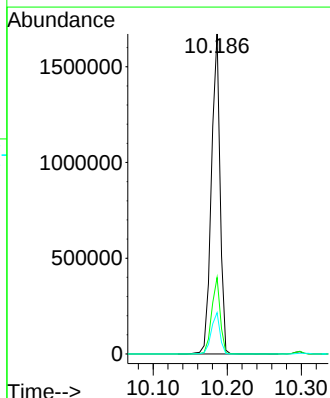
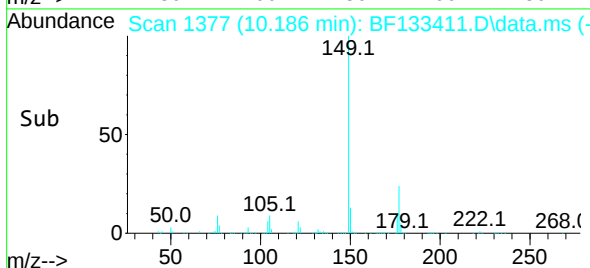
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

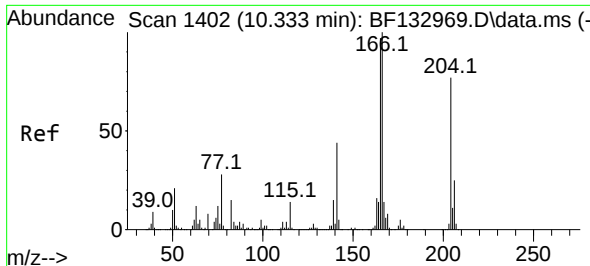


#60
Diethylphthalate
Concen: 38.388 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



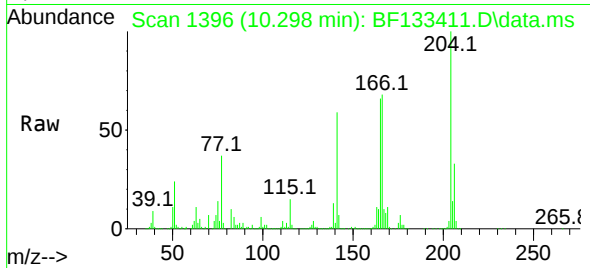
Tgt Ion:149 Resp: 1351287
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.681 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

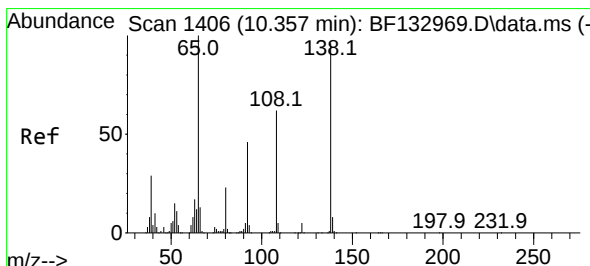
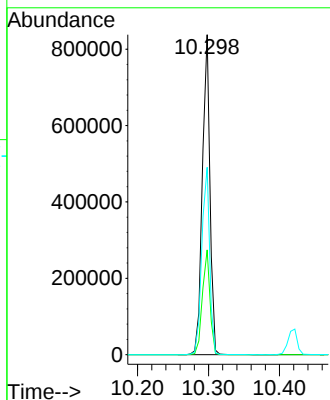
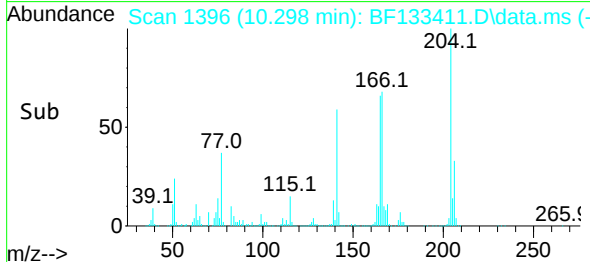
Instrument :
BNA_F
ClientSampleId :
PB152566BS



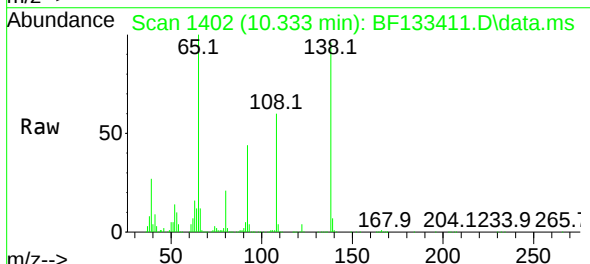
Tgt Ion:204 Resp: 625359
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 58.6 46.1 69.1

Manual Integrations
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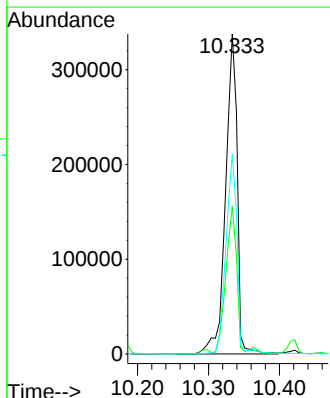
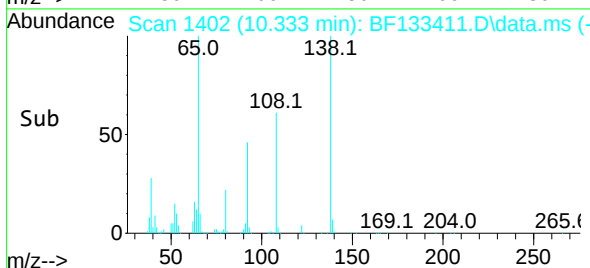
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

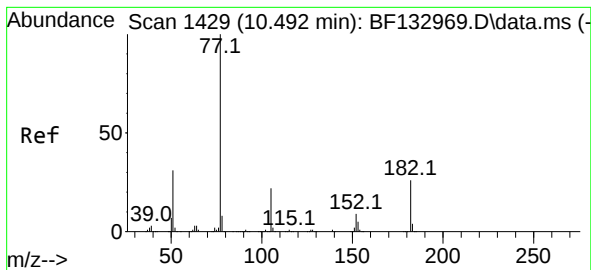


#62
4-Nitroaniline
Concen: 41.845 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



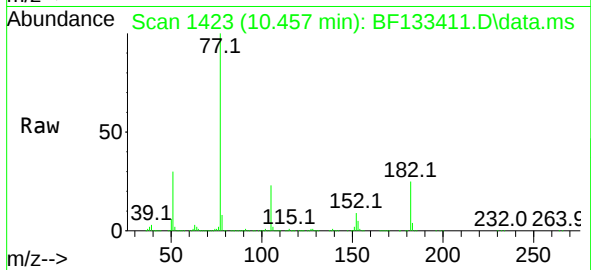
Tgt Ion:138 Resp: 383573
Ion Ratio Lower Upper
138 100
92 46.1 27.7 67.7
108 62.5 45.2 85.2





#63
Azobenzene
Concen: 36.500 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

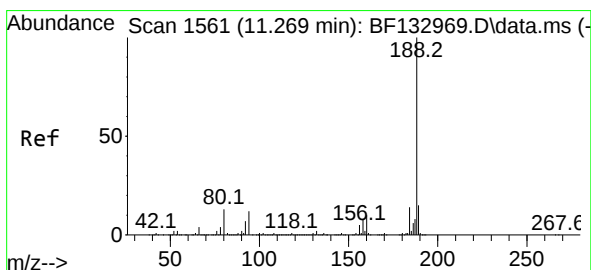
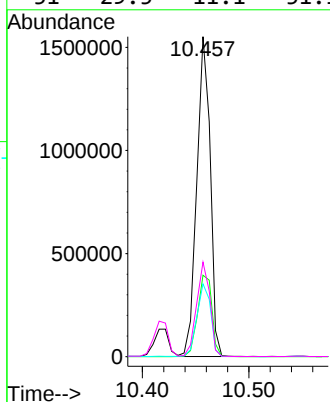
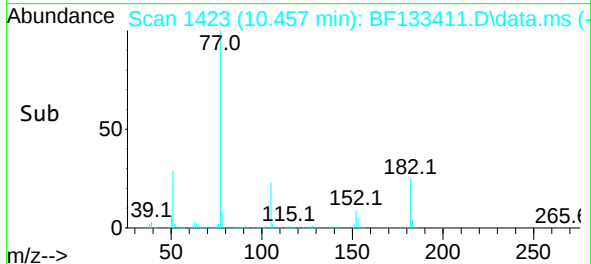
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion: 77 Resp: 136108
Ion Ratio Lower Upper
77 100
182 25.5 5.9 45.9
105 22.7 2.3 42.3
51 29.5 11.1 51.1

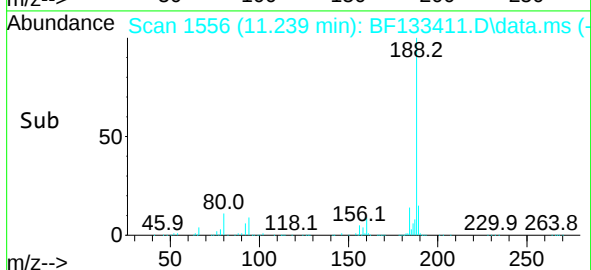
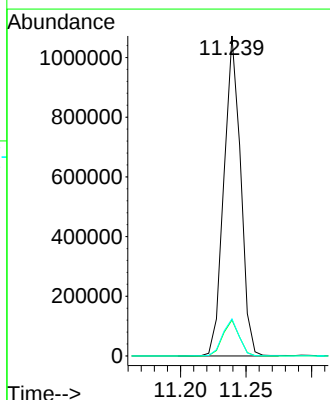
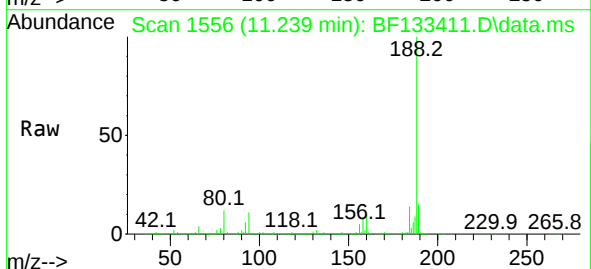
Manual Integrations
APPROVED

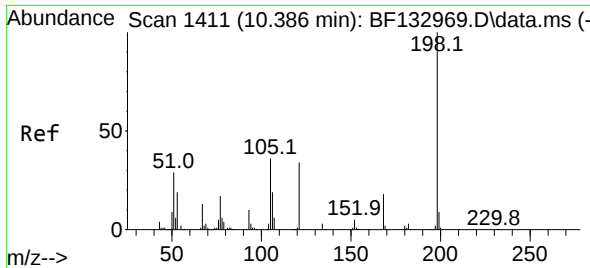
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:188 Resp: 947490
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.6 10.4 15.6





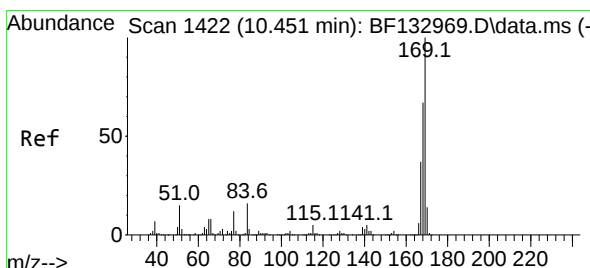
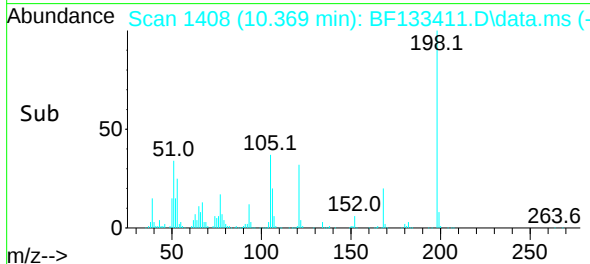
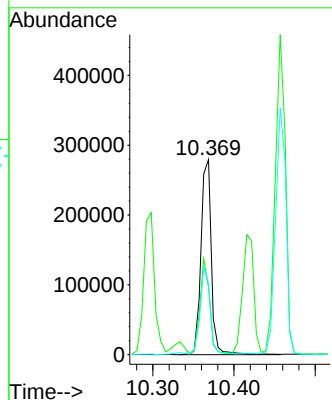
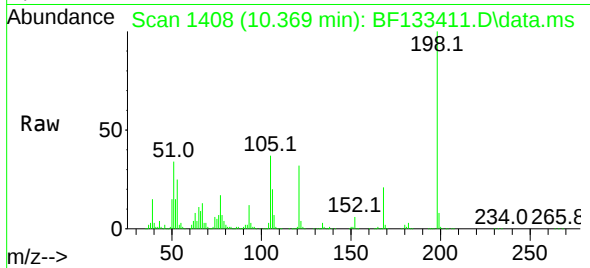
#65
4,6-Dinitro-2-methylphenol
Concen: 43.459 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :
BNA_F
ClientSampleId :
PB152566BS

Tgt Ion:198 Resp: 249582
Ion Ratio Lower Upper
198 100
51 34.4 15.5 55.5
105 36.7 16.7 56.7

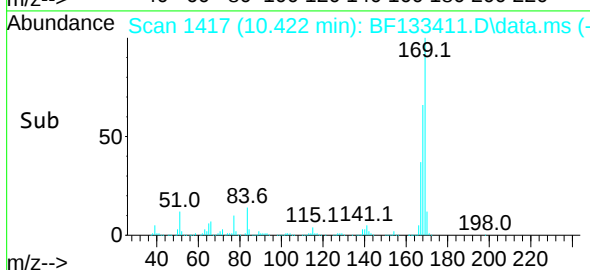
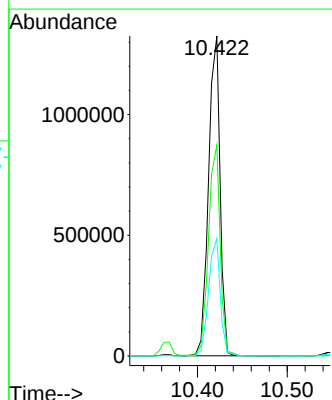
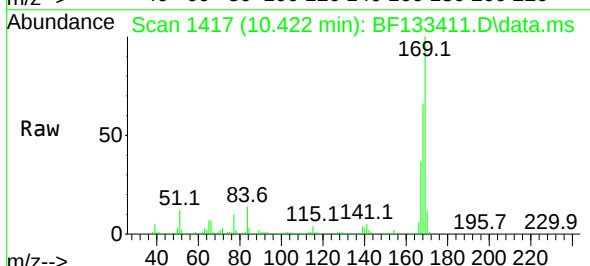
Manual Integrations
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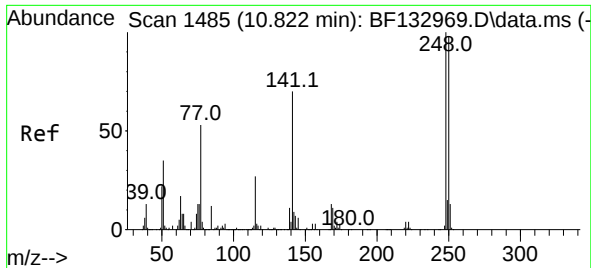
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 38.485 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:169 Resp: 1182803
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.797 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

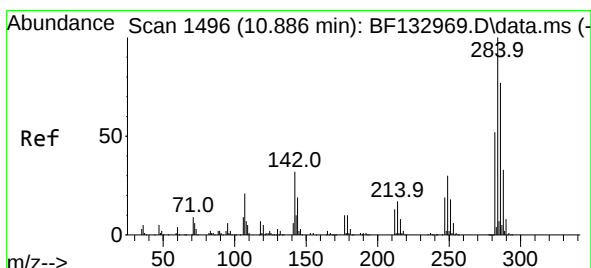
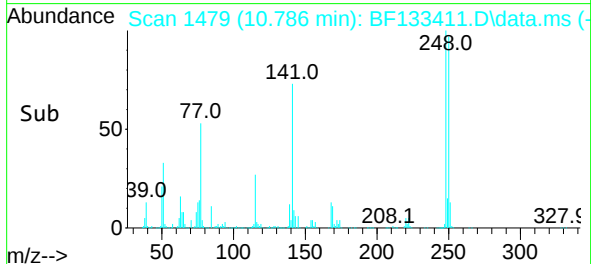
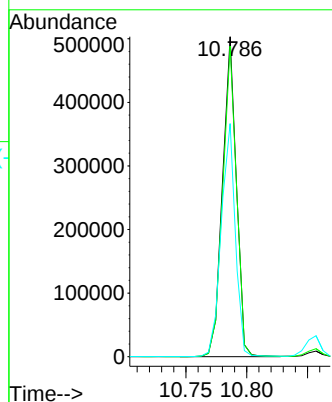
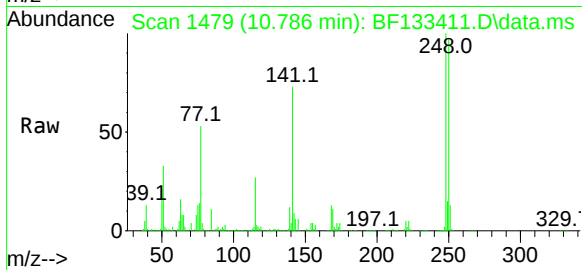
ClientSampleId :

PB152566BS

Tgt Ion:248 Resp: 39868
Ion Ratio Lower Upper
248 100
250 97.1 78.7 118.1
141 72.9 56.3 84.5

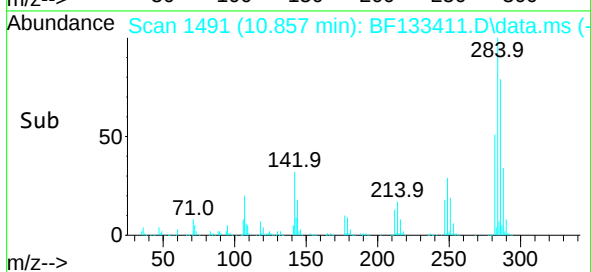
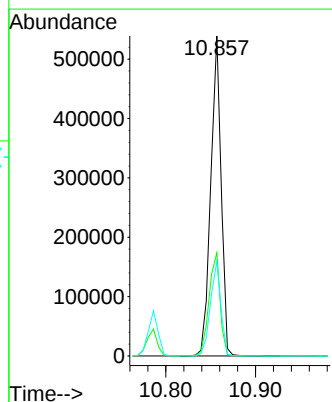
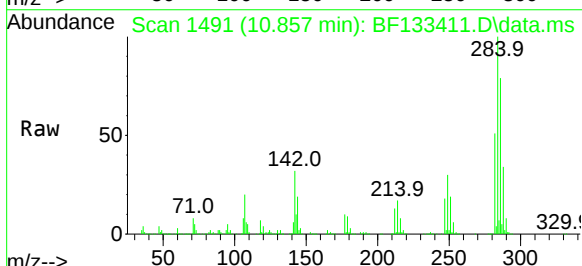
Manual Integrations
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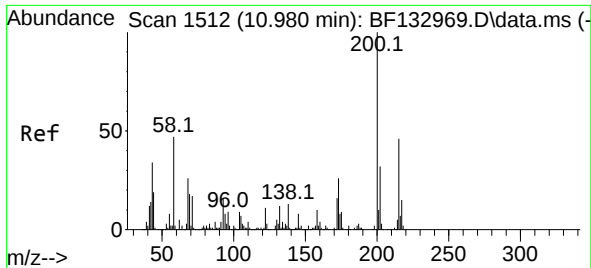
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#68
Hexachlorobenzene
Concen: 41.227 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

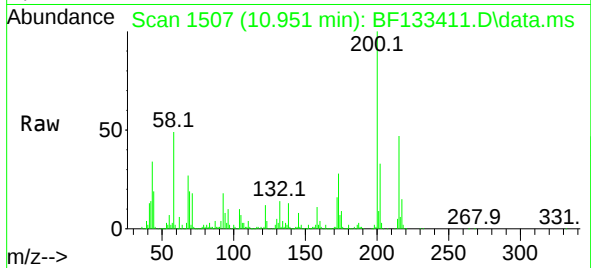
Tgt Ion:284 Resp: 434115
Ion Ratio Lower Upper
284 100
142 32.3 26.0 39.0
249 29.5 23.7 35.5





#69
 Atrazine
 Concen: 45.534 ng
 RT: 10.951 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

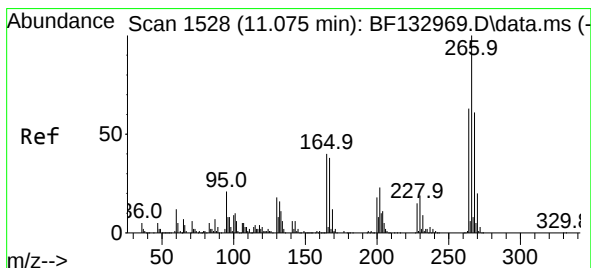
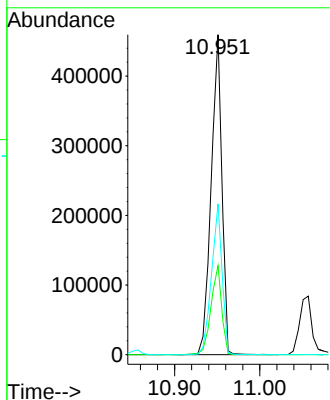
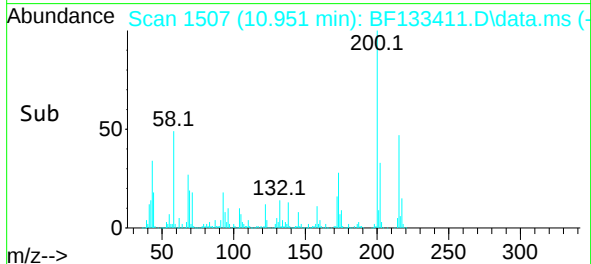
Instrument :
 BNA_F
 ClientSampleId :
 PB152566BS



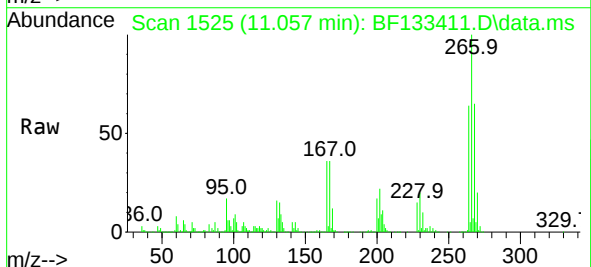
Tgt Ion:200 Resp: 403240
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.2 46.2
 215 47.1 26.3 66.3

Manual Integrations
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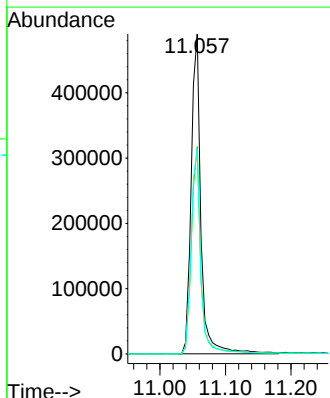
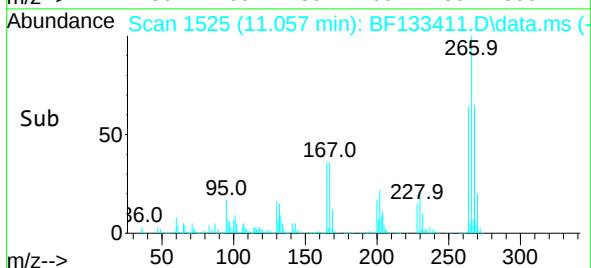
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

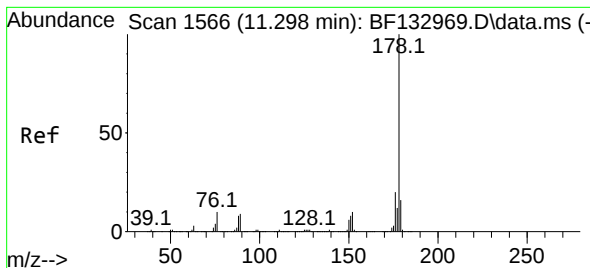


#70
 Pentachlorophenol
 Concen: 67.375 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04



Tgt Ion:266 Resp: 505262
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.8 73.2
 264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 37.711 ng

RT: 11.269 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:178 Resp: 1920420

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

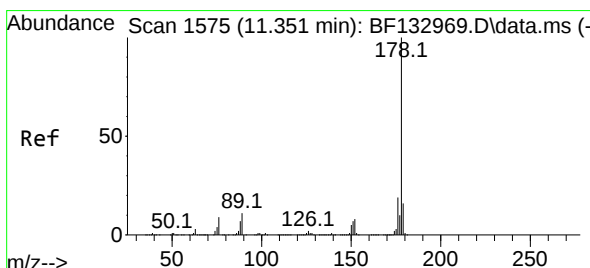
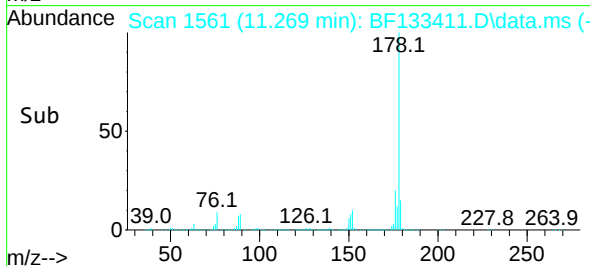
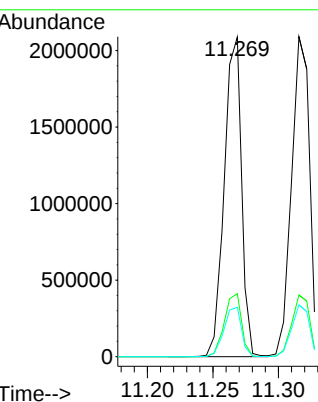
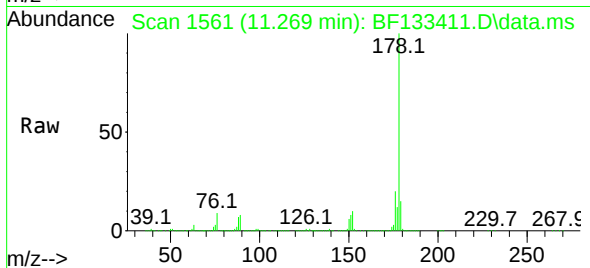
179 15.5 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#72

Anthracene

Concen: 38.397 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

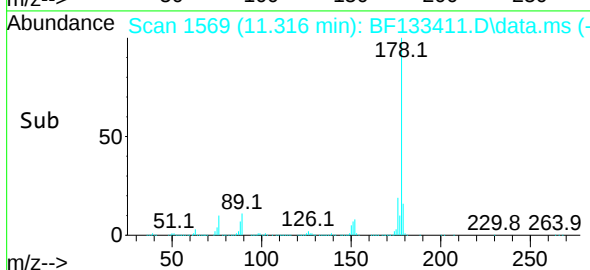
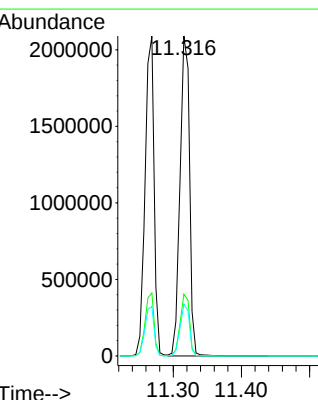
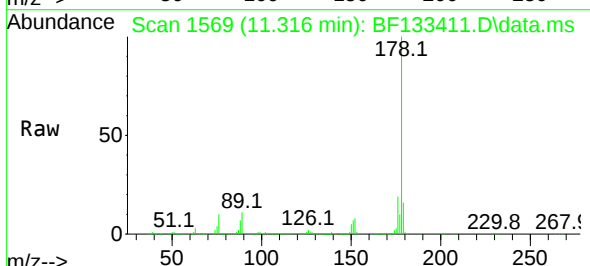
Tgt Ion:178 Resp: 2001089

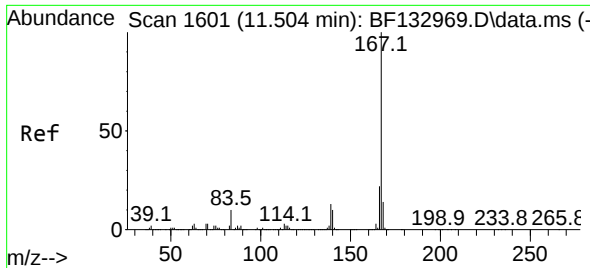
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.2 12.4 18.6





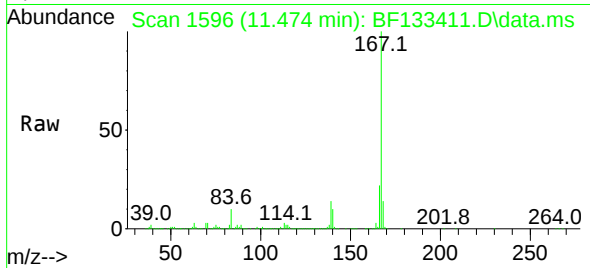
#73
 Carbazole
 Concen: 38.597 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

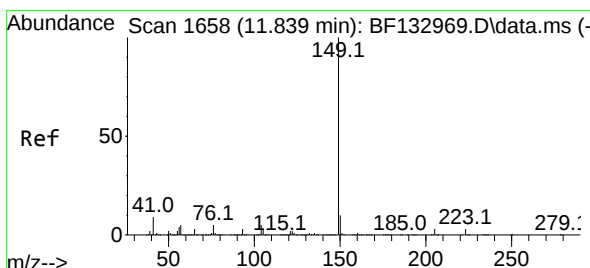
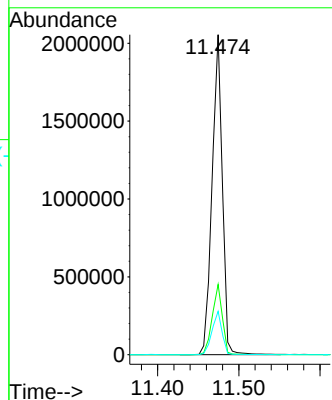
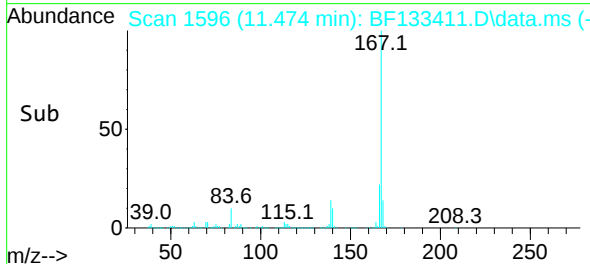


Tgt Ion:167 Resp: 1791111
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.6 10.6 16.0

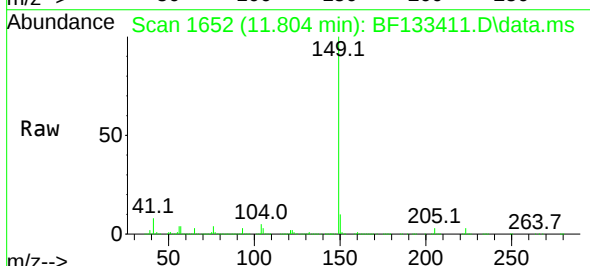
Manual Integrations

APPROVED

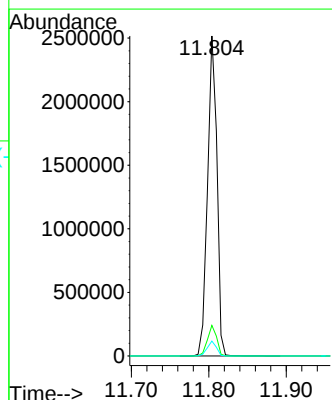
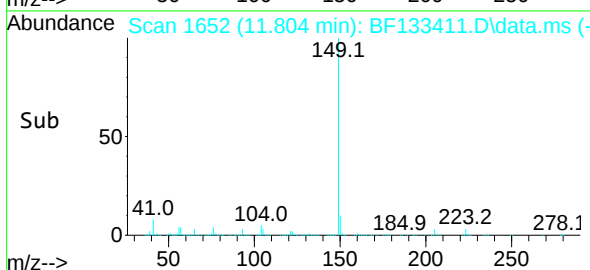
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

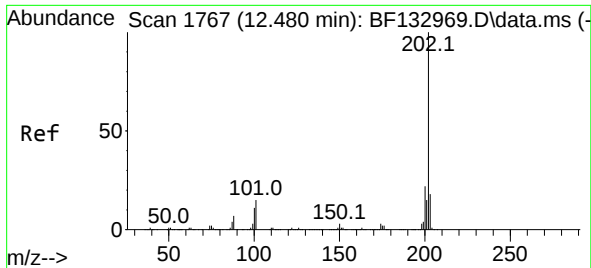


#74
 Di-n-butylphthalate
 Concen: 40.268 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04



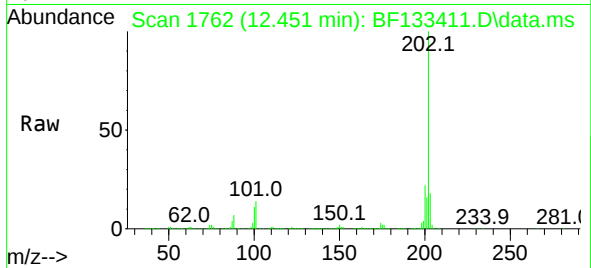
Tgt Ion:149 Resp: 2114665
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 37.588 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

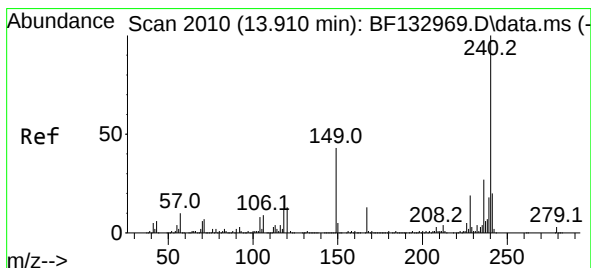
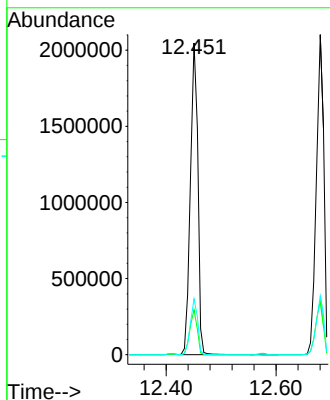
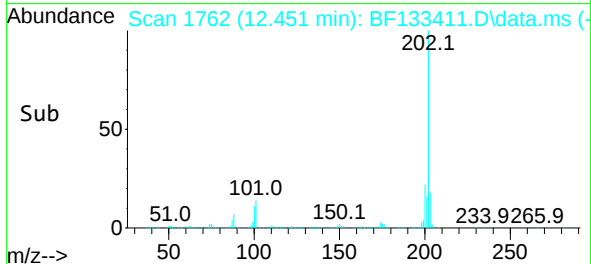
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion:202 Resp: 1921054
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 17.9 0.0 38.1

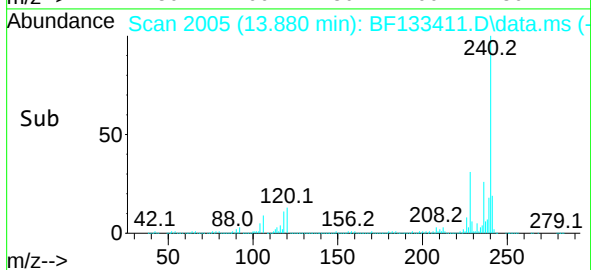
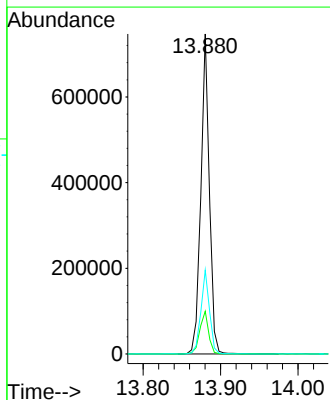
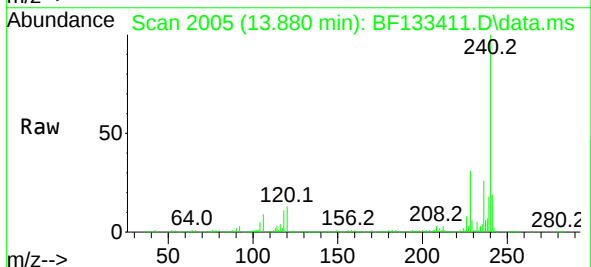
Manual Integrations
APPROVED

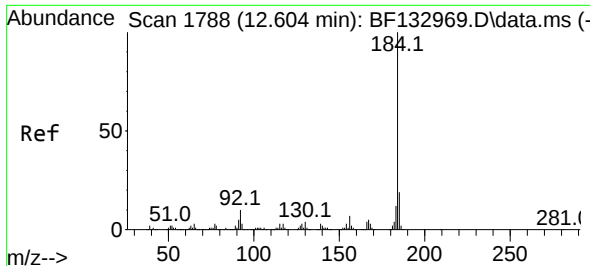
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

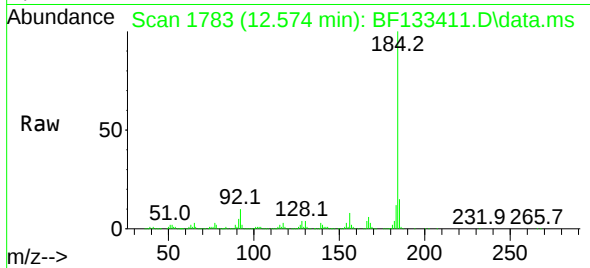
Tgt Ion:240 Resp: 569254
Ion Ratio Lower Upper
240 100
120 13.4 10.5 15.7
236 26.2 21.5 32.3





#77
Benzidine
Concen: 116.506 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

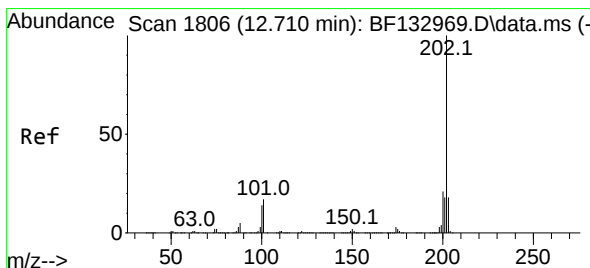
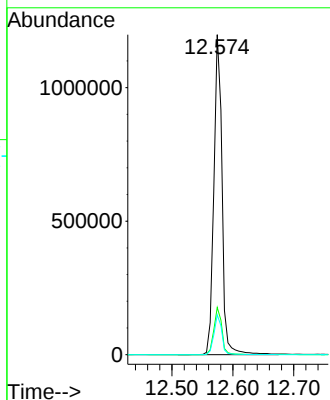
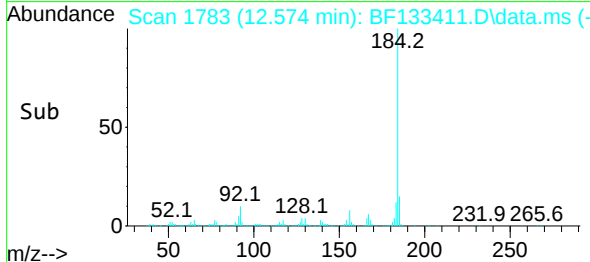
Instrument :
BNA_F
ClientSampleId :
PB152566BS



Tgt Ion:184 Resp: 112153
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2
183 12.5 9.4 14.0

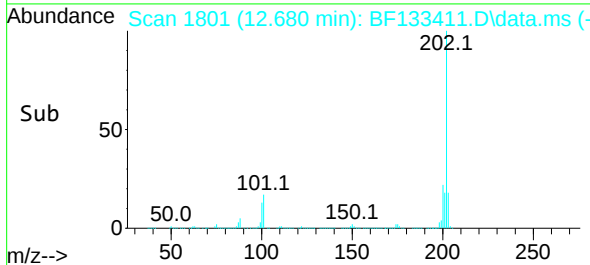
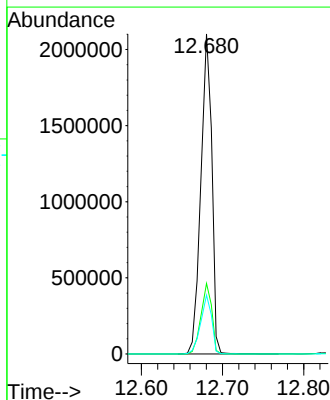
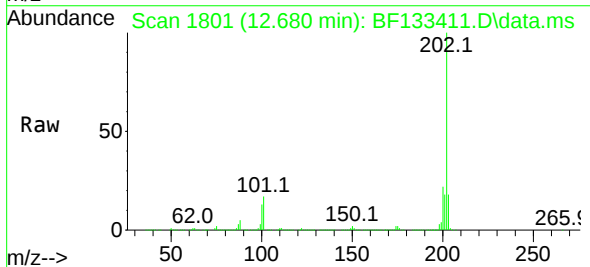
Manual Integrations
APPROVED

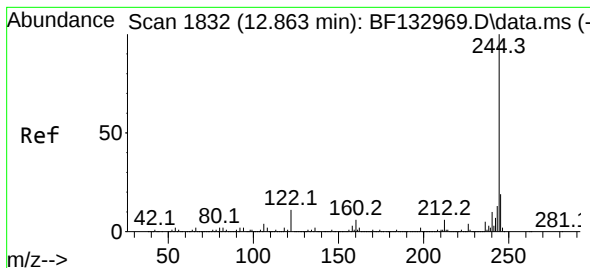
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#78
Pyrene
Concen: 40.351 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:202 Resp: 1969075
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.4 14.1 21.1





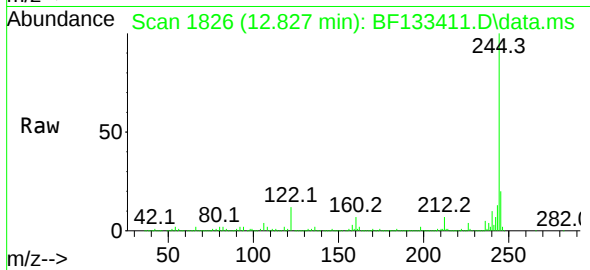
#79
 Terphenyl-d14
 Concen: 66.072 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

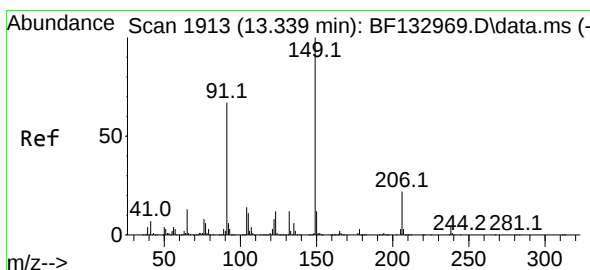
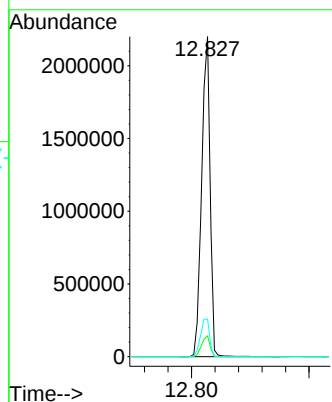
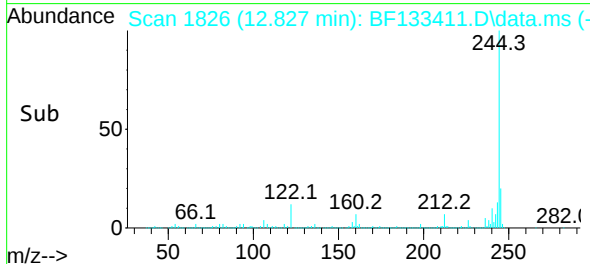


Tgt Ion:244 Resp: 2180829
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.7 8.6 13.0

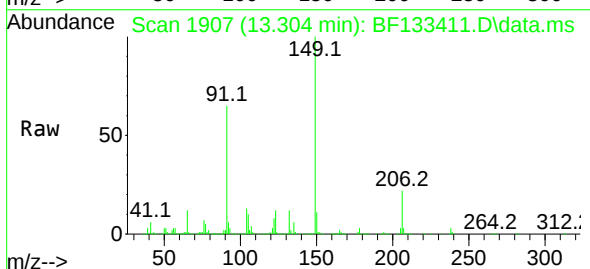
Manual Integrations

APPROVED

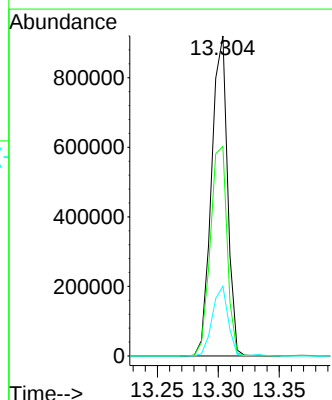
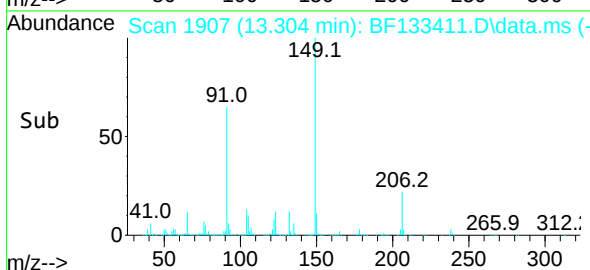
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

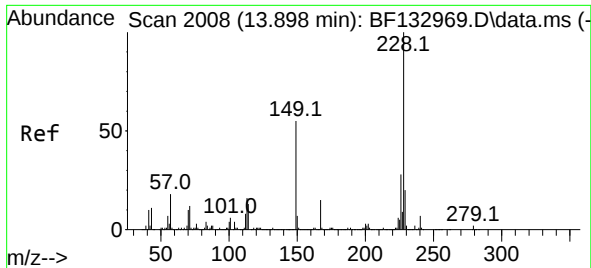


#80
 Butylbenzylphthalate
 Concen: 48.957 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF133411.D
 Acq: 17 May 2023 14:04



Tgt Ion:149 Resp: 845890
 Ion Ratio Lower Upper
 149 100
 91 65.5 53.8 80.6
 206 21.8 17.5 26.3





#81
Benzo(a)anthracene
Concen: 36.844 ng
RT: 13.868 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

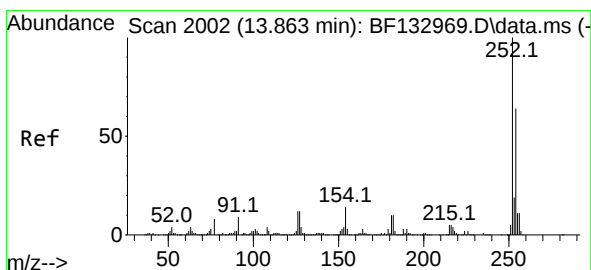
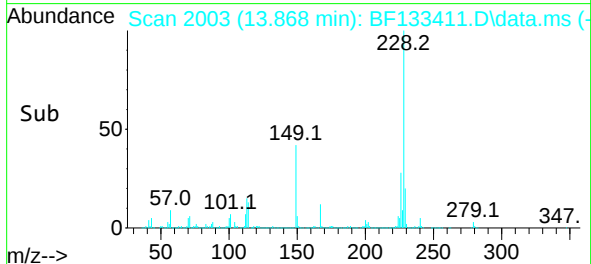
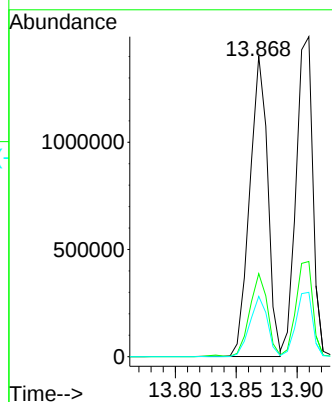
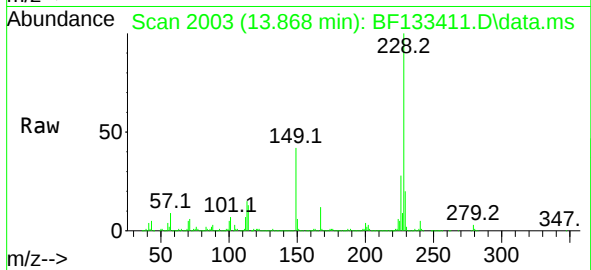
PB152566BS

Tgt Ion:228 Resp: 144228
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.1 16.0 24.0

Manual Integrations

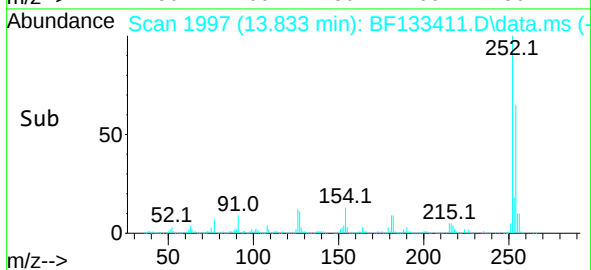
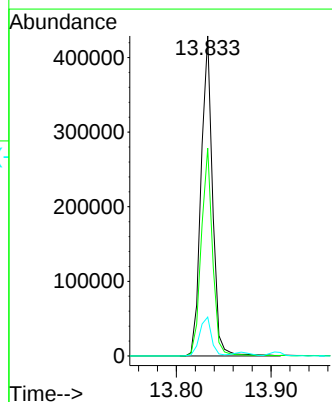
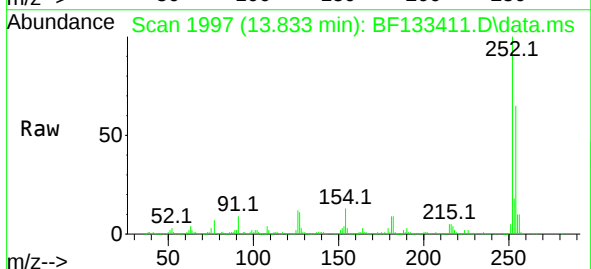
APPROVED

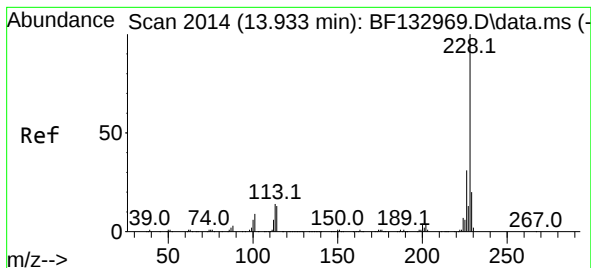
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.439 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Tgt Ion:252 Resp: 361610
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 12.2 9.5 14.3





#83

Chrysene

Concen: 36.525 ng

RT: 13.910 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:228 Resp: 142943

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

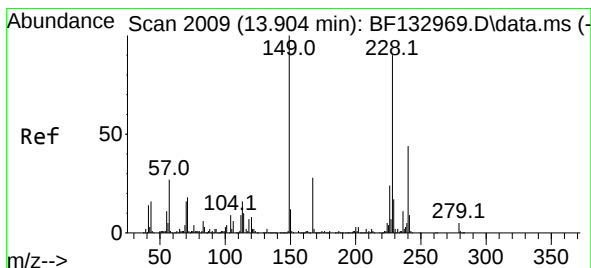
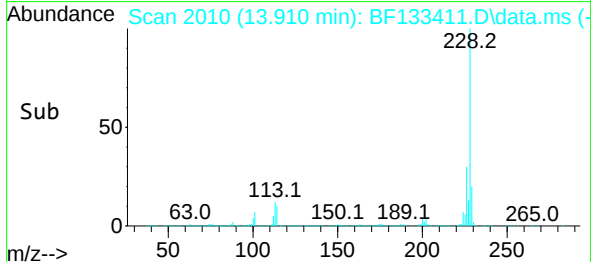
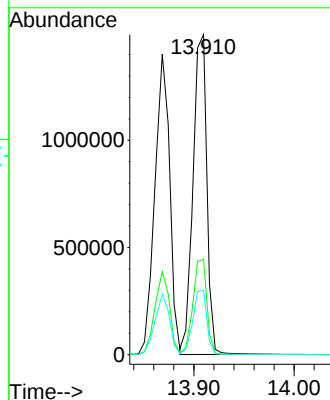
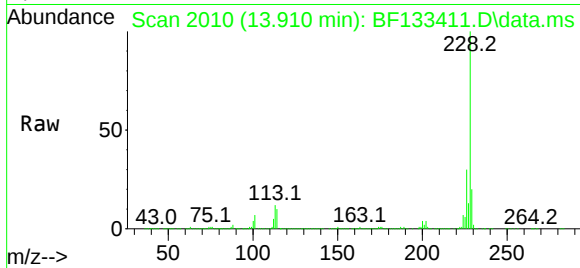
229 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.547 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

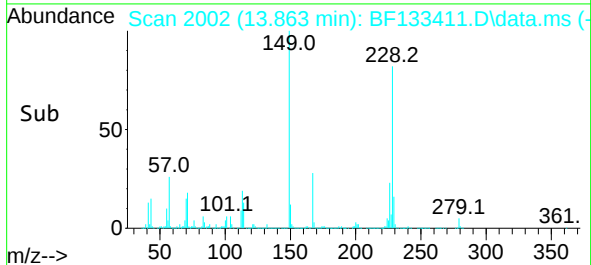
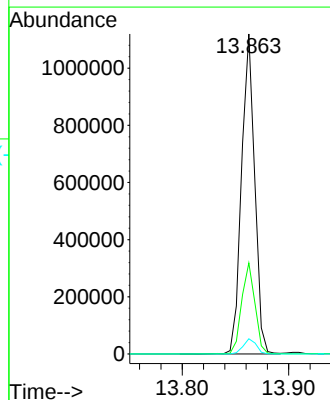
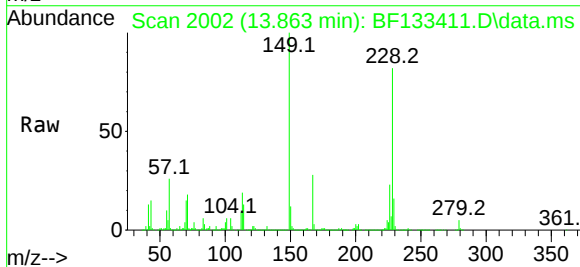
Tgt Ion:149 Resp: 966103

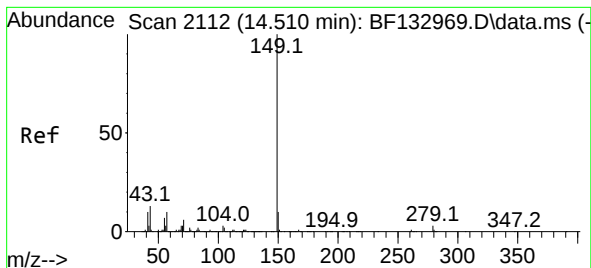
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 43.994 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:149 Resp: 155573

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

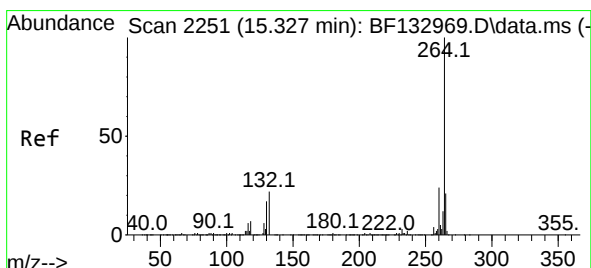
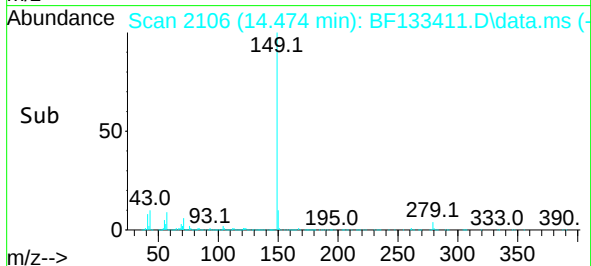
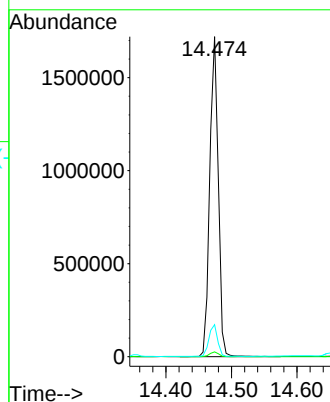
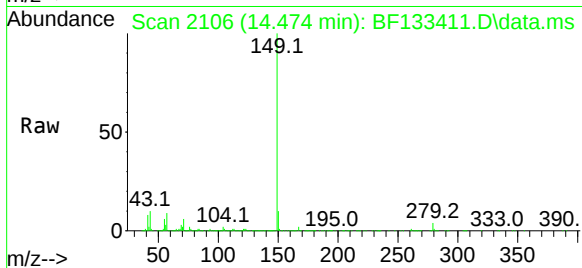
43 10.2 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

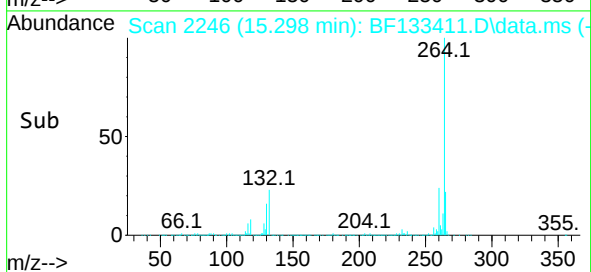
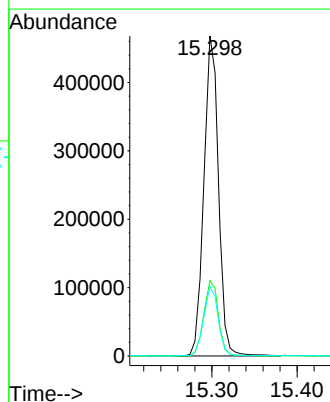
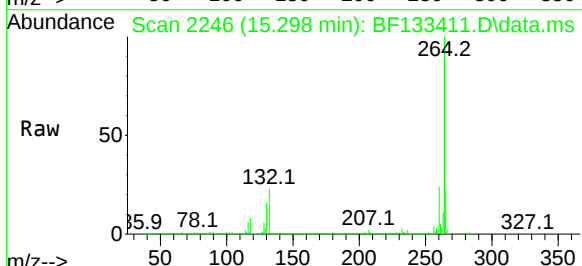
Tgt Ion:264 Resp: 556549

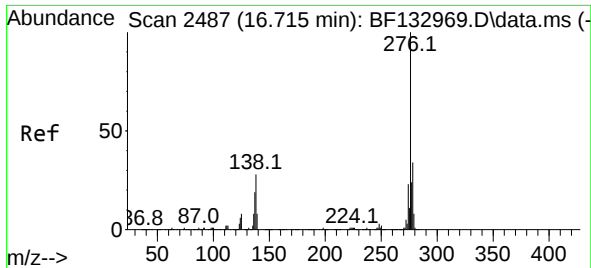
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.7 17.0 25.4





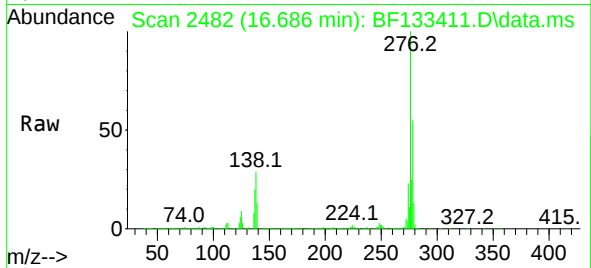
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.501 ng
RT: 16.686 min Scan# 2487
Delta R.T. -0.012 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

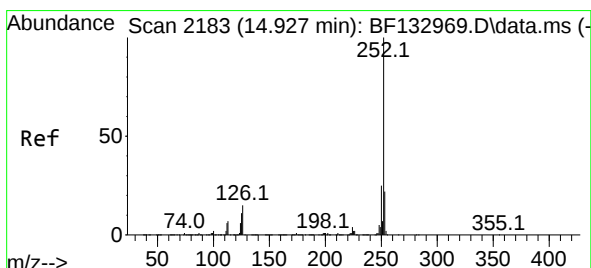
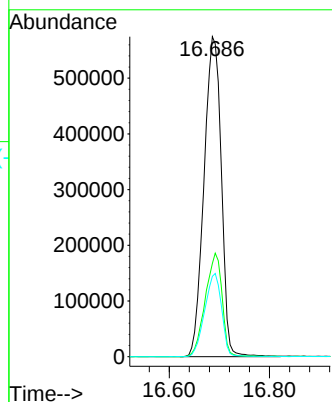
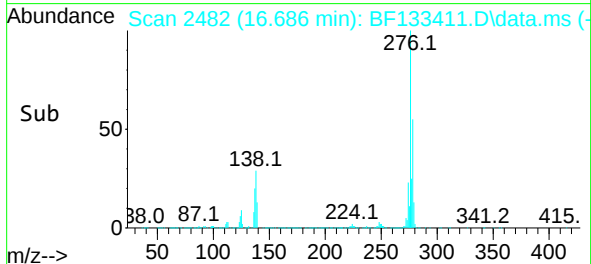


Tgt Ion:276 Resp: 1377139
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.5 20.4 30.6

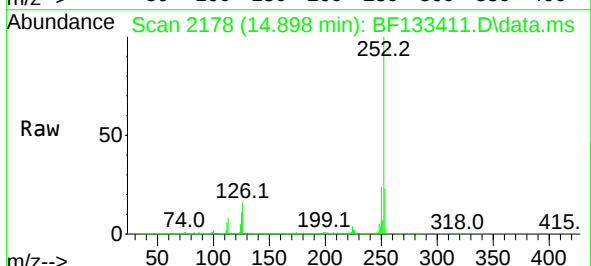
Manual Integrations

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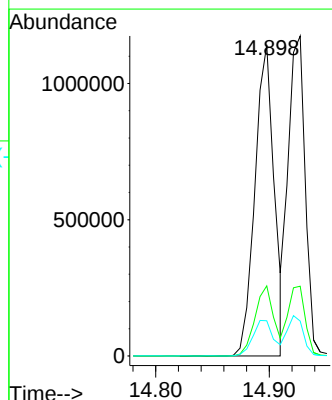
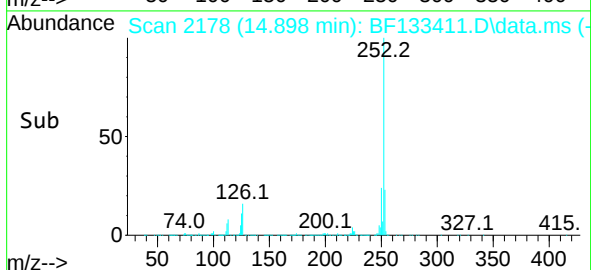
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

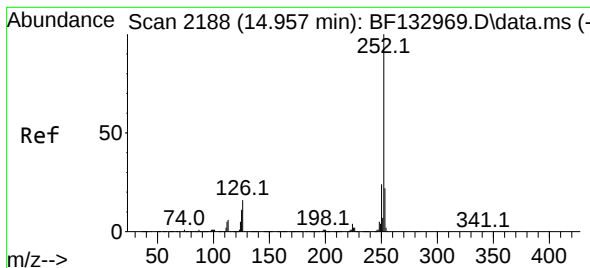


#88
Benzo(b)fluoranthene
Concen: 37.984 ng
RT: 14.898 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



Tgt Ion:252 Resp: 1344893
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 35.167 ng

RT: 14.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

Tgt Ion:252 Resp: 1234304

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

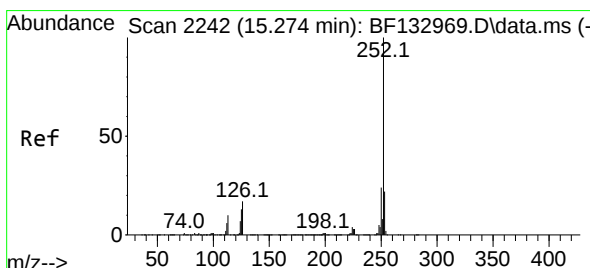
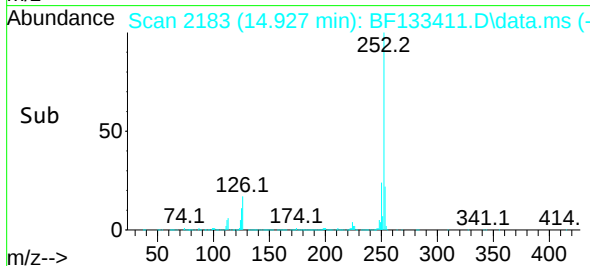
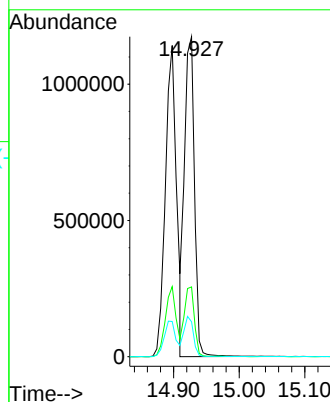
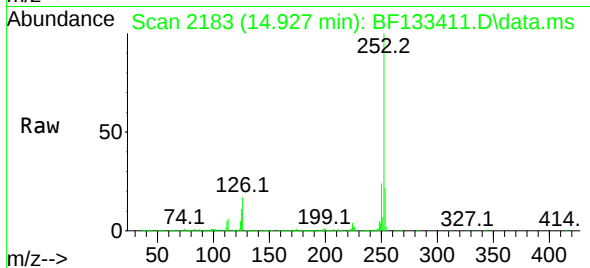
125 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#90

Benzo(a)pyrene

Concen: 34.835 ng

RT: 15.245 min Scan# 2237

Delta R.T. -0.000 min

Lab File: BF133411.D

Acq: 17 May 2023 14:04

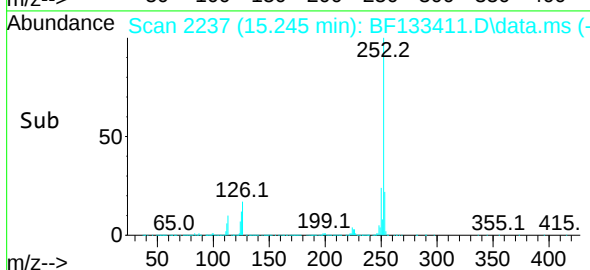
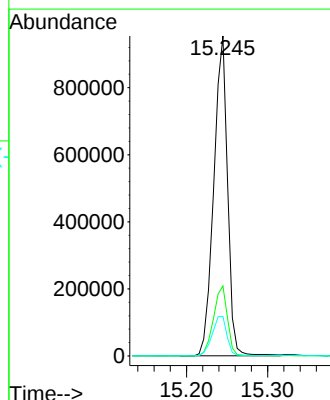
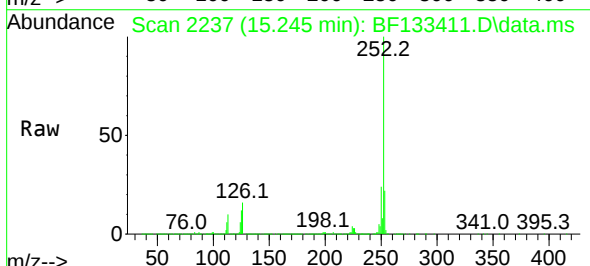
Tgt Ion:252 Resp: 1122659

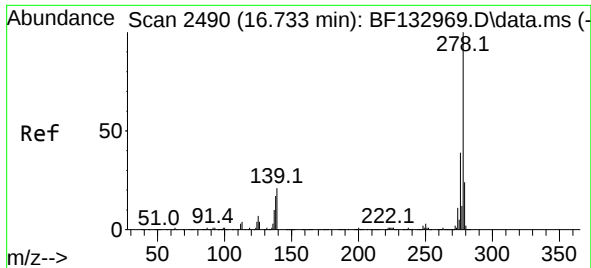
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 12.3 10.5 15.7





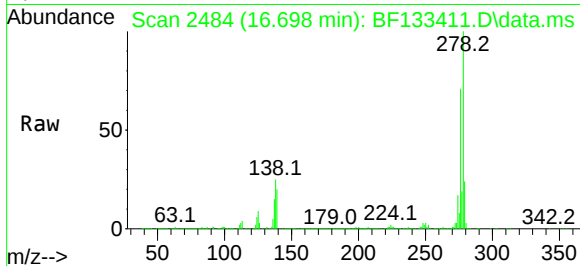
#91
Dibenzo(a,h)anthracene
Concen: 43.077 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04

Instrument :

BNA_F

ClientSampleId :

PB152566BS

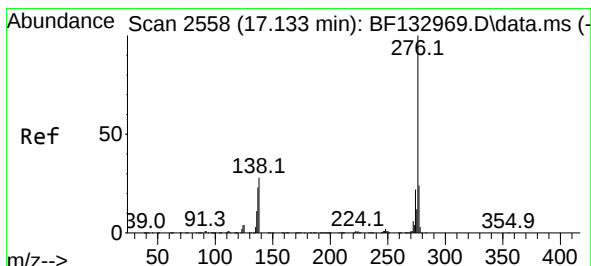
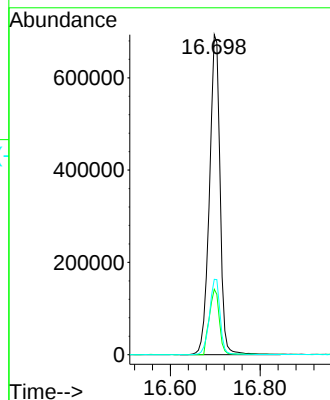
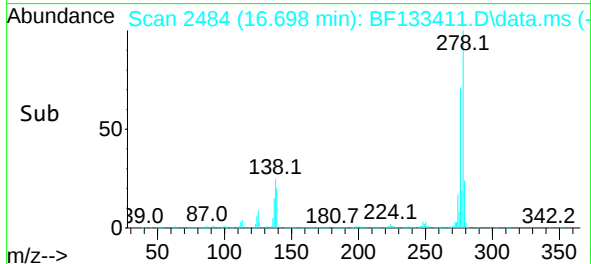


Tgt Ion:278 Resp: 113741
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 23.6 18.8 28.2

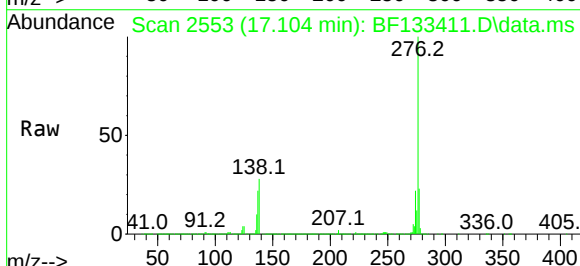
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#92
Benzo(g,h,i)perylene
Concen: 44.640 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133411.D
Acq: 17 May 2023 14:04



Tgt Ion:276 Resp: 1163661
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 28.0 22.7 34.1

