

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131991.D
 Acq On : 10 Jan 2023 11:31
 Operator : CG\JU
 Sample : PB150009BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

Quant Time: Jan 11 00:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108005	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	447213	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	282220	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	514842	20.000	ng	0.00
76) Chrysene-d12	13.986	240	300279	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	204277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	831344	126.834	ng	0.02
7) Phenol-d6	6.446	99	1083435	124.668	ng	0.01
23) Nitrobenzene-d5	7.369	82	768911	71.358	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	358814	110.577	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1450134	69.365	ng	0.00
79) Terphenyl-d14	12.927	244	1691117	80.719	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	88567	30.938	ng	98
3) Pyridine	3.293	79	242733	30.212	ng	99
4) n-Nitrosodimethylamine	3.269	42	156486	41.443	ng	95
6) Aniline	6.451	93	343112	30.007	ng	# 10
8) 2-Chlorophenol	6.581	128	301749	45.885	ng	94
9) Benzaldehyde	6.340	77	92616	16.016	ng	97
10) Phenol	6.457	94	424328	43.769	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	317090	43.388	ng	98
12) 1,3-Dichlorobenzene	6.728	146	310831	42.435	ng	99
13) 1,4-Dichlorobenzene	6.804	146	316830	42.749	ng	99
14) 1,2-Dichlorobenzene	6.957	146	305842	43.451	ng	98
15) Benzyl Alcohol	6.945	79	334317	44.176	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385058	41.750	ng	65
17) 2-Methylphenol	7.063	107	275823	42.382	ng	# 92
18) Hexachloroethane	7.298	117	133264	43.480	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	264281	42.039	ng	97
20) 3+4-Methylphenols	7.216	107	355469	42.545	ng	# 90
22) Acetophenone	7.210	105	500473	38.436	ng	98
24) Nitrobenzene	7.387	77	400660	36.524	ng	98
25) Isophorone	7.628	82	757909	37.651	ng	99
26) 2-Nitrophenol	7.698	139	169140	39.186	ng	95
27) 2,4-Dimethylphenol	7.745	122	282335	39.188	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	419578	37.661	ng	100
29) 2,4-Dichlorophenol	7.945	162	293589	39.784	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	325605	38.526	ng	98
31) Naphthalene	8.104	128	886485	37.509	ng	100
32) Benzoic acid	7.916	122	173923	41.640	ng	94
33) 4-Chloroaniline	8.157	127	261661	26.829	ng	98
34) Hexachlorobutadiene	8.216	225	217929	37.191	ng	98
35) Caprolactam	8.563	113	99951m	46.116	ng	
36) 4-Chloro-3-methylphenol	8.657	107	343253	39.631	ng	99
37) 2-Methylnaphthalene	8.798	142	627116	36.945	ng	99
38) 1-Methylnaphthalene	8.898	142	583084	37.077	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	361863	36.387	ng	99
41) Hexachlorocyclopentadiene	8.945	237	319986	66.283	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	225564	37.682	ng	99

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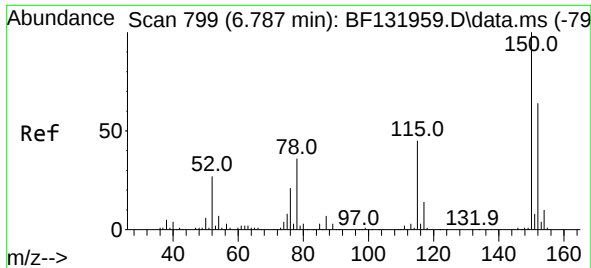
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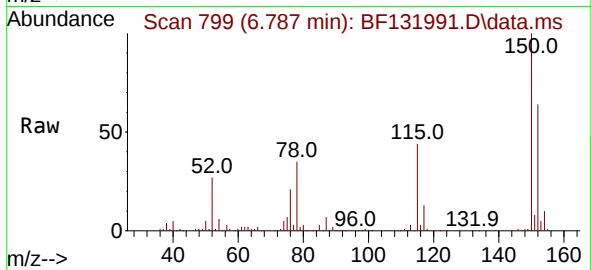
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	241451	34.647	ng	94
46) 1,1'-Biphenyl	9.269	154	811321	37.246	ng	98
47) 2-Chloronaphthalene	9.292	162	631667	37.362	ng	98
48) 2-Nitroaniline	9.398	65	222688	36.264	ng	95
49) Acenaphthylene	9.710	152	933897	35.597	ng	99
50) Dimethylphthalate	9.575	163	808716	36.762	ng	99
51) 2,6-Dinitrotoluene	9.645	165	171701	37.110	ng	98
52) Acenaphthene	9.881	154	565877	35.933	ng	98
53) 3-Nitroaniline	9.816	138	125036	27.855	ng	98
54) 2,4-Dinitrophenol	9.928	184	193040	83.095	ng	98
55) Dibenzofuran	10.051	168	892228	35.942	ng	99
56) 4-Nitrophenol	9.998	139	190395	75.302	ng	95
57) 2,4-Dinitrotoluene	10.051	165	222440	35.959	ng	95
58) Fluorene	10.398	166	710709	35.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	199763	38.470	ng	94
60) Diethylphthalate	10.275	149	790547	36.546	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	403558	35.549	ng	97
62) 4-Nitroaniline	10.445	138	145220	35.978	ng	99
63) Azobenzene	10.551	77	805494	35.103	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	131029	39.465	ng	86
66) n-Nitrosodiphenylamine	10.516	169	623948	38.629	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	248254	38.545	ng	# 90
68) Hexachlorobenzene	10.945	284	265203	40.705	ng	95
69) Atrazine	11.045	200	251630	42.839	ng	98
70) Pentachlorophenol	11.145	266	226483	65.994	ng	98
71) Phenanthrene	11.363	178	1033792	38.518	ng	100
72) Anthracene	11.416	178	1028254	37.216	ng	99
73) Carbazole	11.575	167	869244	38.001	ng	99
74) Di-n-butylphthalate	11.898	149	1202053	37.740	ng	99
75) Fluoranthene	12.551	202	1109590	36.761	ng	99
77) Benzidine	12.675	184	223217	22.376	ng	98
78) Pyrene	12.786	202	1093113	39.913	ng	100
80) Butylbenzylphthalate	13.404	149	435665	39.410	ng	94
81) Benzo(a)anthracene	13.974	228	812943	37.212	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	242066	35.503	ng	99
83) Chrysene	14.016	228	756343	37.045	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	594522	39.697	ng	100
85) Di-n-octyl phthalate	14.574	149	801151	39.092	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	589519	47.055	ng	99
88) Benzo(b)fluoranthene	15.027	252	629265	44.912	ng	99
89) Benzo(k)fluoranthene	15.057	252	595607	42.595	ng	99
90) Benzo(a)pyrene	15.392	252	510163	40.413	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	513453	48.890	ng	99
92) Benzo(g,h,i)perylene	17.368	276	492930	44.140	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

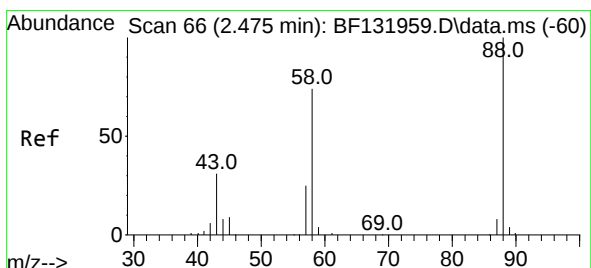
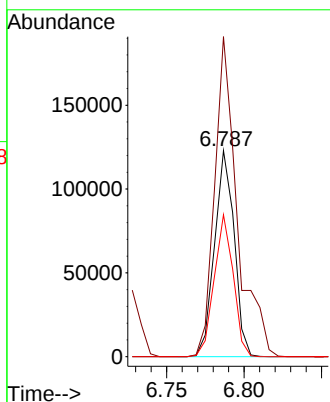
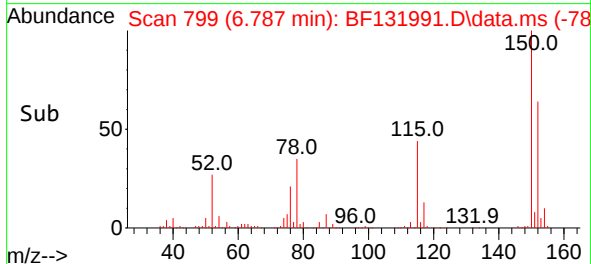
Instrument :
BNA_F
ClientSampleId :
PB150009BS



Tgt Ion:152 Resp: 108000
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 68.9 55.6 83.4

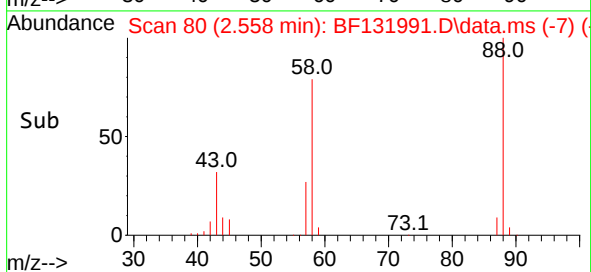
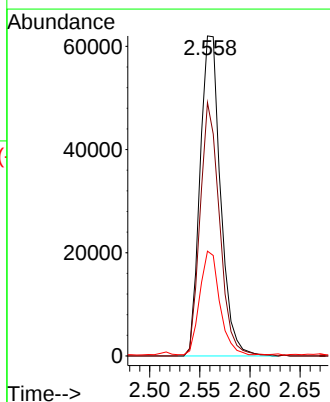
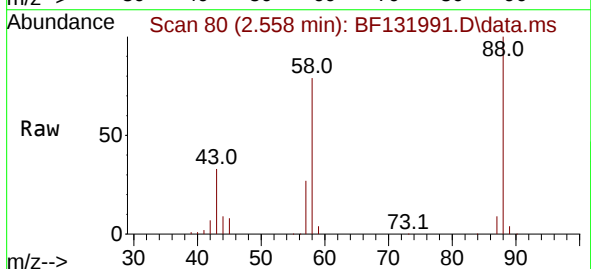
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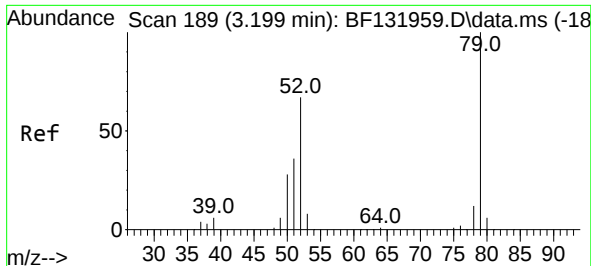
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#2
1,4-Dioxane
Concen: 30.938 ng
RT: 2.558 min Scan# 80
Delta R.T. 0.082 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion: 88 Resp: 88567
Ion Ratio Lower Upper
88 100
58 75.3 59.0 88.4
43 31.3 24.6 37.0





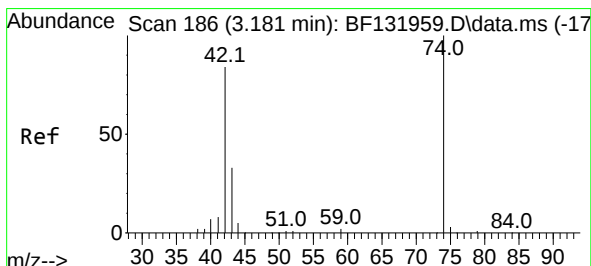
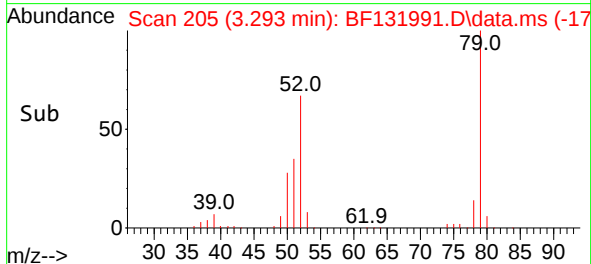
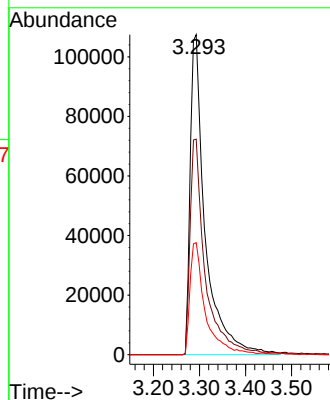
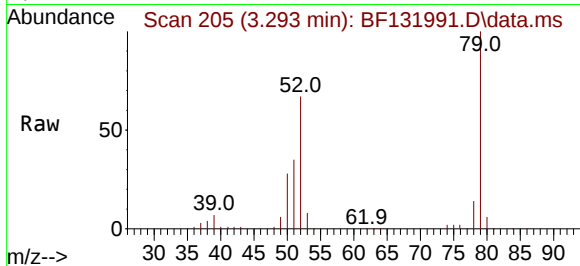
#3
Pyridine
Concen: 30.212 ng
RT: 3.293 min Scan# 201
Delta R.T. 0.094 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion: 79 Resp: 24273
Ion Ratio Lower Upper
79 100
52 67.3 53.7 80.5
51 35.0 28.6 43.0

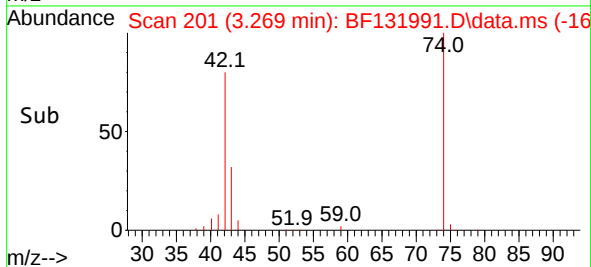
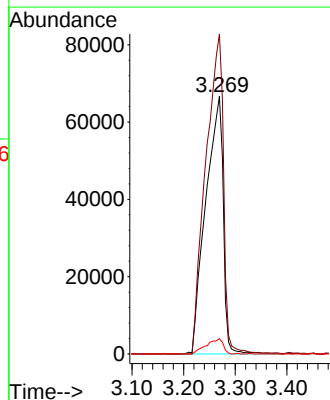
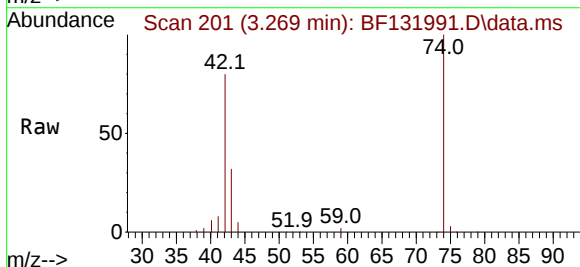
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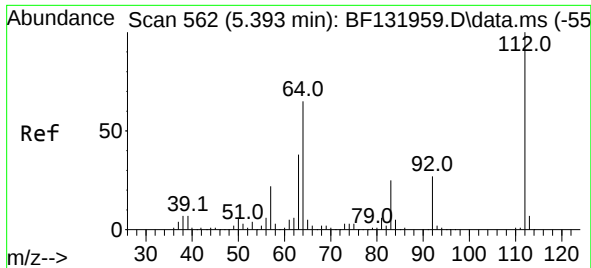
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#4
n-Nitrosodimethylamine
Concen: 41.443 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion: 42 Resp: 156486
Ion Ratio Lower Upper
42 100
74 124.2 94.8 142.2
44 5.9 4.5 6.7





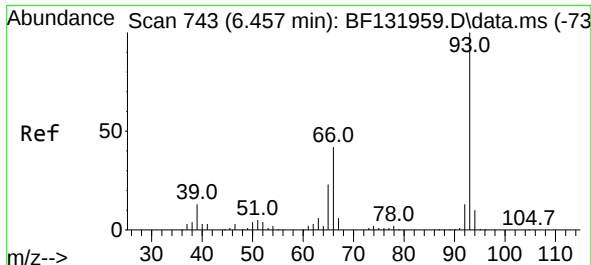
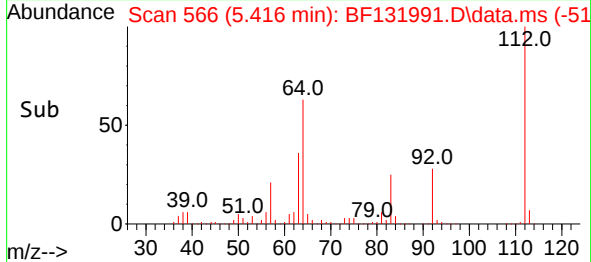
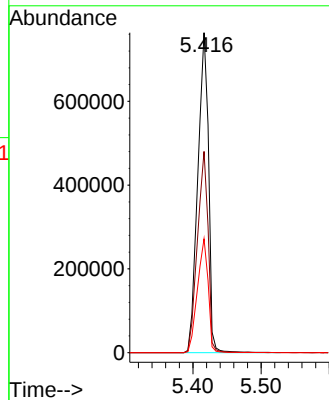
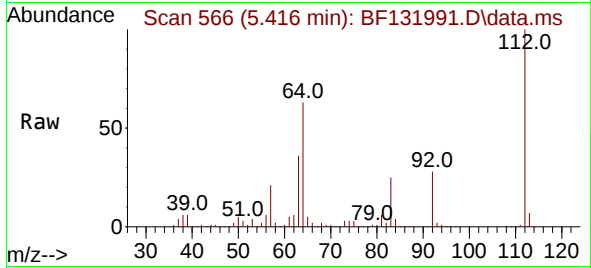
#5
2-Fluorophenol
Concen: 126.834 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
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ClientSampleId :
PB150009BS

Tgt Ion:112 Resp: 831344
Ion Ratio Lower Upper
112 100
64 62.9 51.9 77.9
63 35.6 30.2 45.2

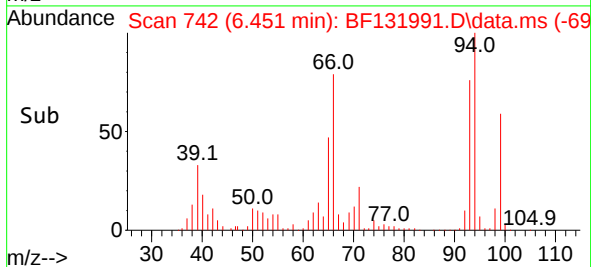
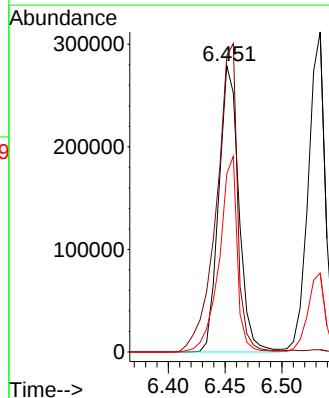
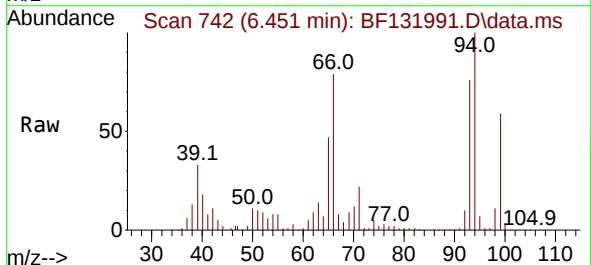
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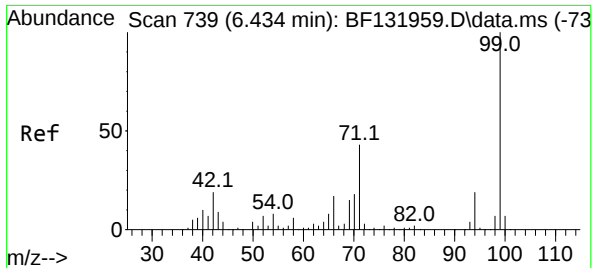
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#6
Aniline
Concen: 30.007 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion: 93 Resp: 343112
Ion Ratio Lower Upper
93 100
66 103.4 34.6 51.8#
65 62.3 18.2 27.2#





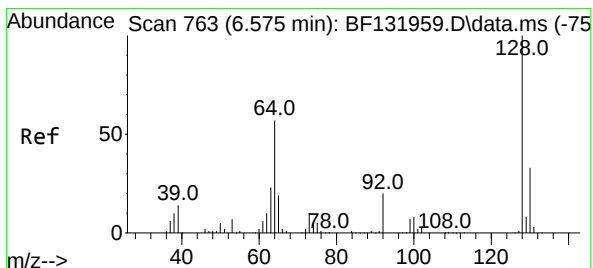
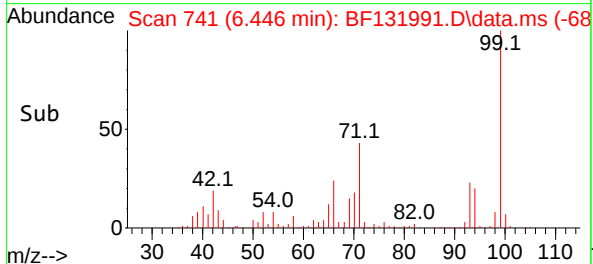
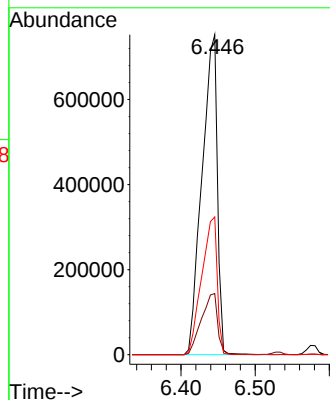
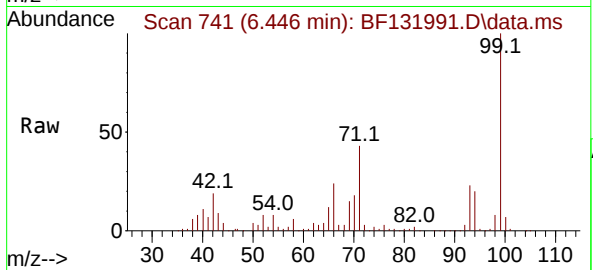
#7
Phenol-d6
Concen: 124.668 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion: 99 Resp: 108343
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.2
71 43.1 34.6 51.8

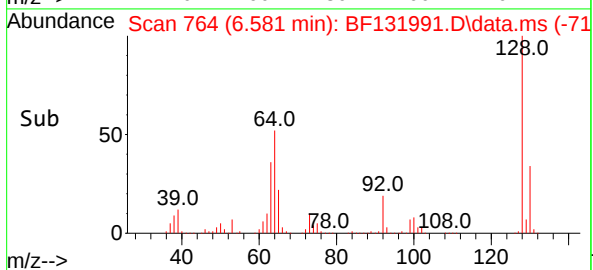
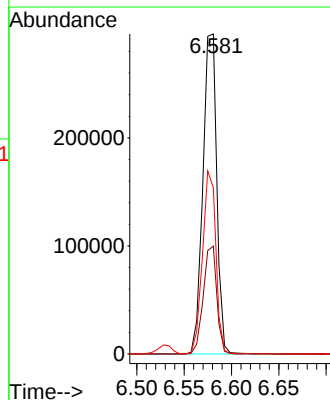
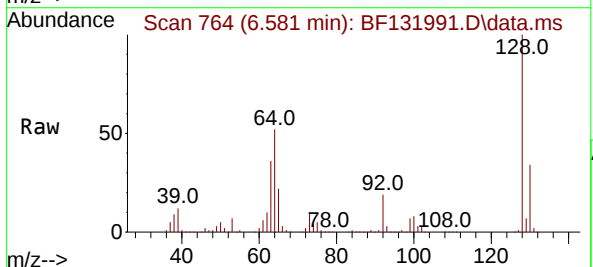
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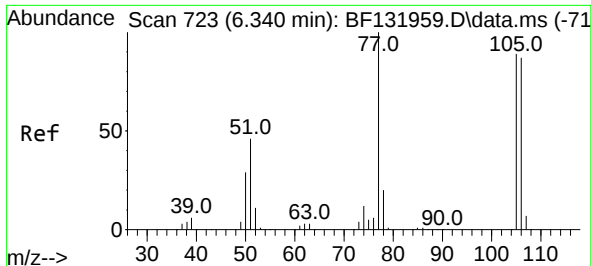
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#8
2-Chlorophenol
Concen: 45.885 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:128 Resp: 301749
Ion Ratio Lower Upper
128 100
130 33.7 12.5 52.5
64 52.0 37.6 77.6





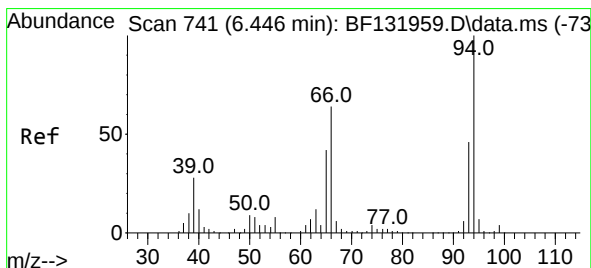
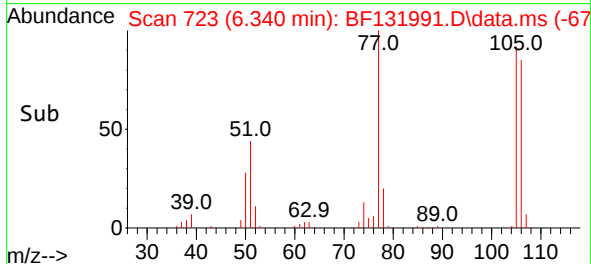
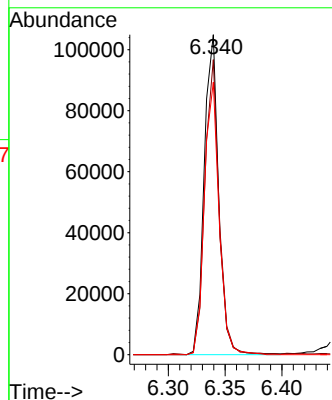
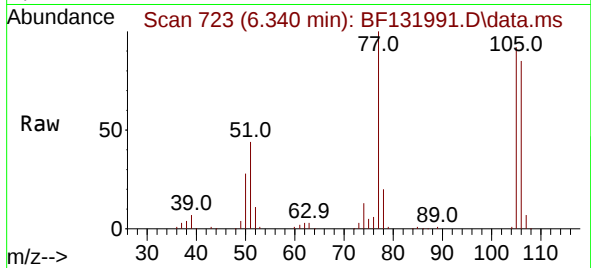
#9
Benzaldehyde
Concen: 16.016 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion: 77 Resp: 92610
Ion Ratio Lower Upper
77 100
105 92.2 69.0 109.0
106 85.2 67.0 107.0

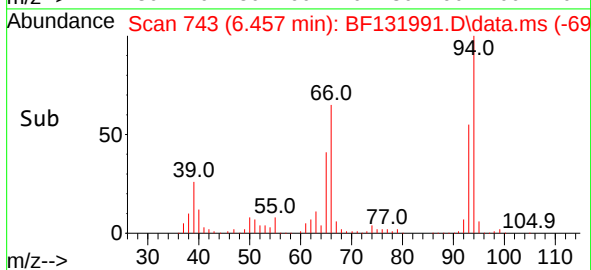
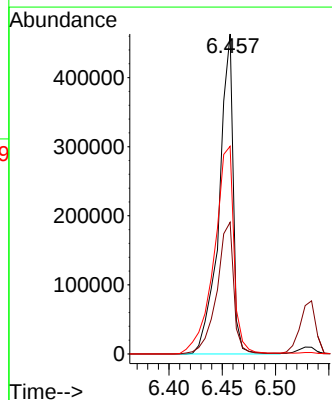
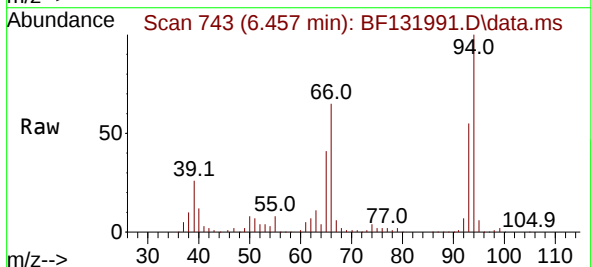
Manual Integrations
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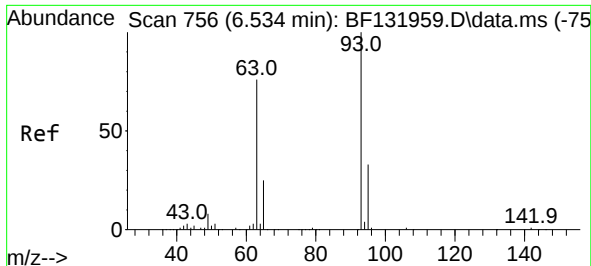
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Supervised By :Jagrut Upadhyay 01/11/2023



#10
Phenol
Concen: 43.769 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion: 94 Resp: 424328
Ion Ratio Lower Upper
94 100
65 41.2 22.2 62.2
66 64.9 44.4 84.4





#11
bis(2-Chloroethyl)ether
Concen: 43.388 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

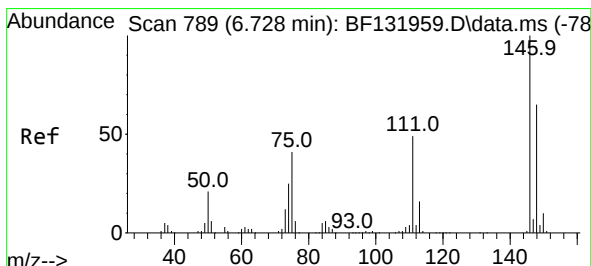
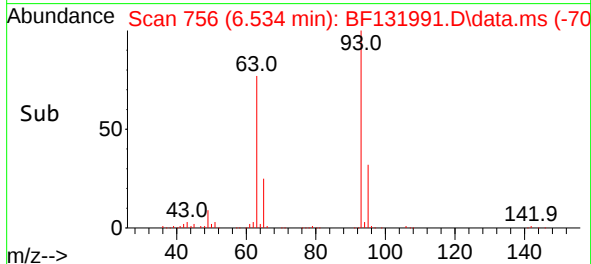
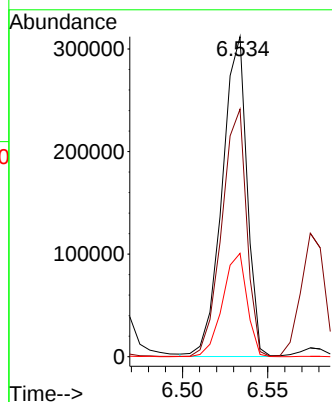
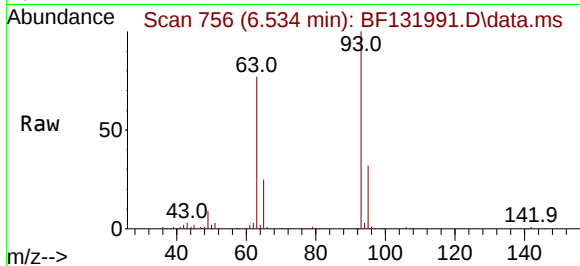
ClientSampleId :

PB150009BS

Tgt Ion: 93 Resp: 317090
Ion Ratio Lower Upper
93 100
63 77.3 55.5 95.5
95 32.3 13.1 53.1

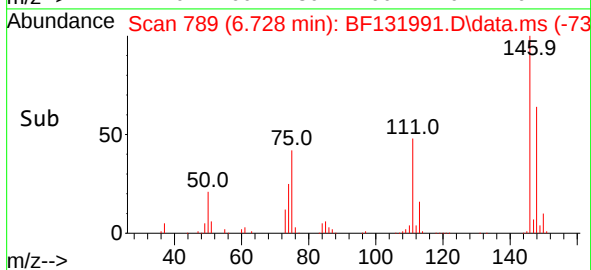
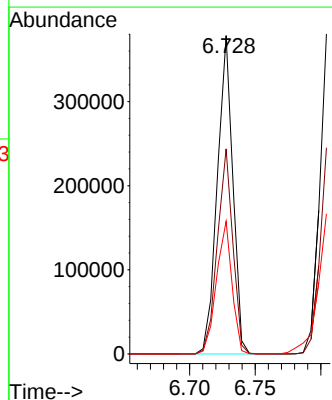
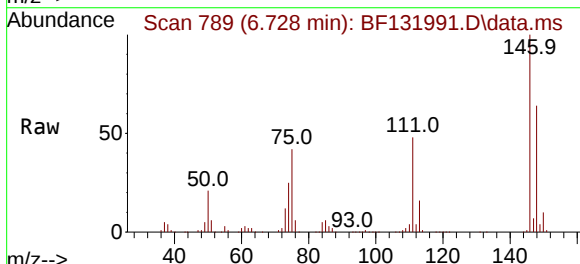
Manual Integrations
APPROVED

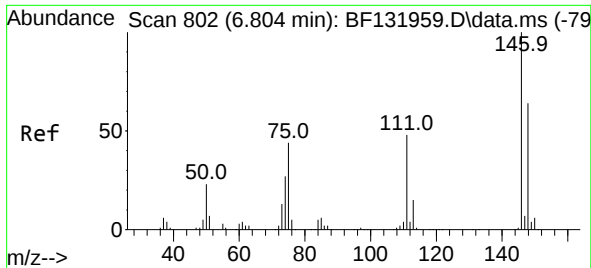
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#12
1,3-Dichlorobenzene
Concen: 42.435 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:146 Resp: 310831
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 41.7 32.7 49.1





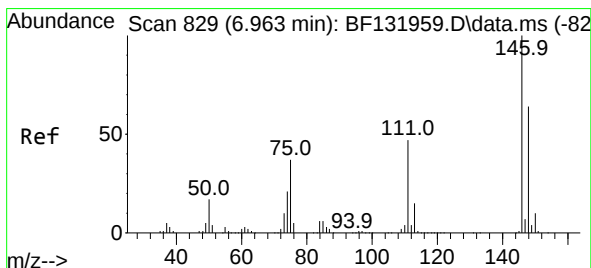
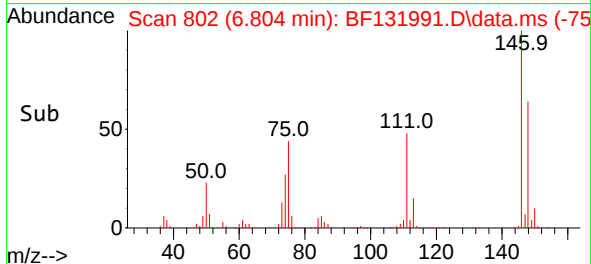
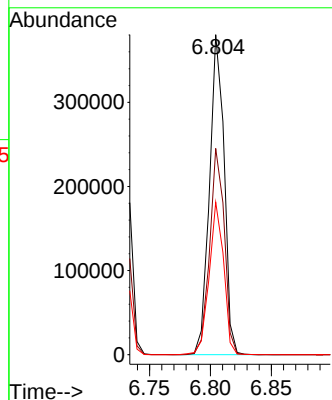
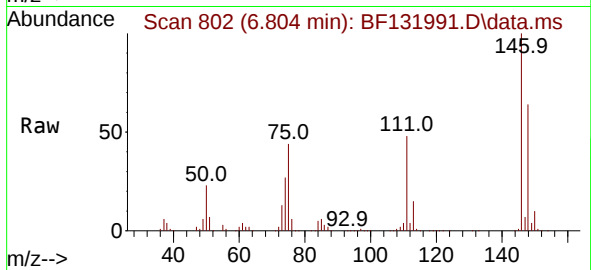
#13
1,4-Dichlorobenzene
Concen: 42.749 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion:146 Resp: 316830
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 47.6 38.5 57.7

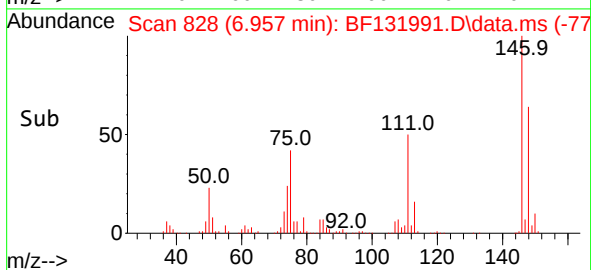
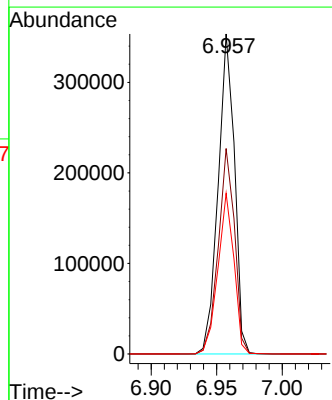
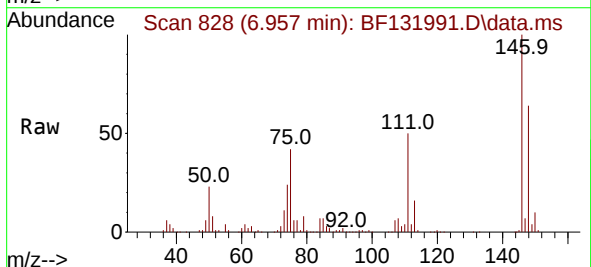
Manual Integrations
APPROVED

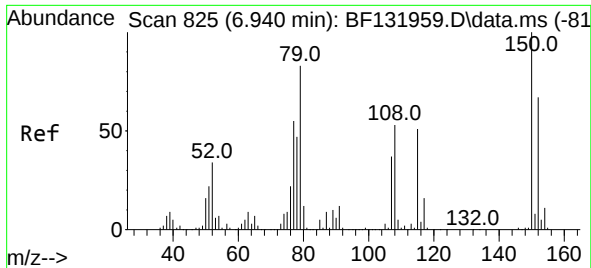
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#14
1,2-Dichlorobenzene
Concen: 43.451 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

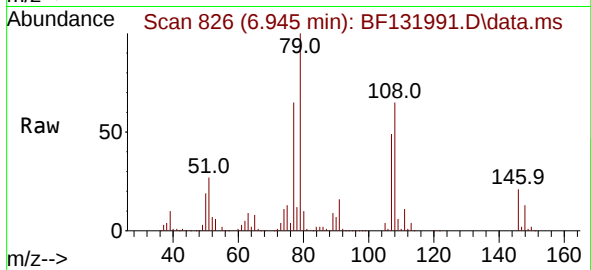
Tgt Ion:146 Resp: 305842
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 50.2 37.7 56.5





#15
Benzyl Alcohol
Concen: 44.176 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

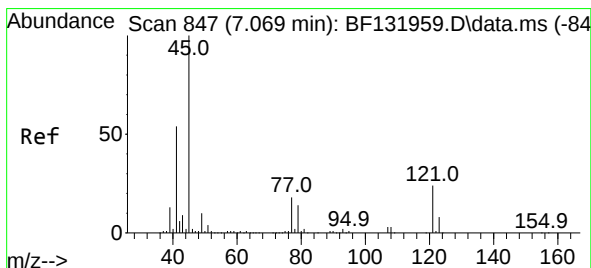
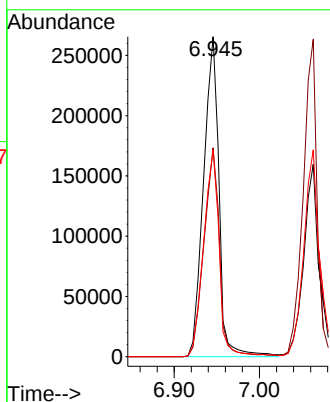
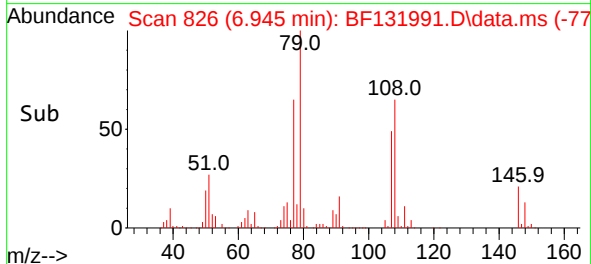
Instrument :
BNA_F
ClientSampleId :
PB150009BS



Tgt Ion: 79 Resp: 33431
Ion Ratio Lower Upper
79 100
108 65.3 51.7 77.5
77 64.6 52.9 79.3

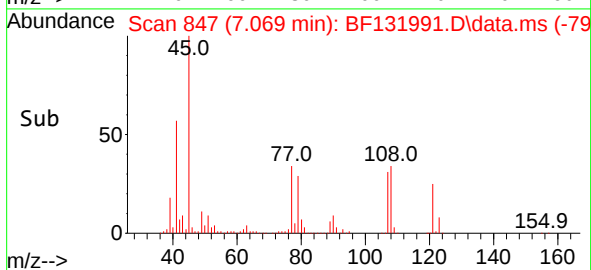
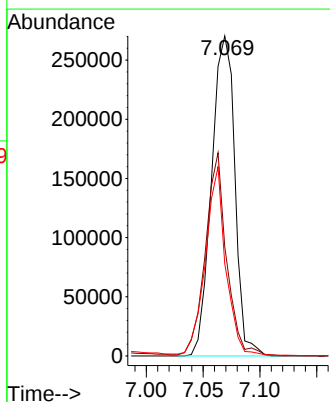
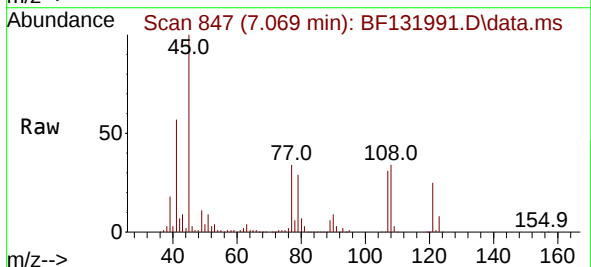
Manual Integrations
APPROVED

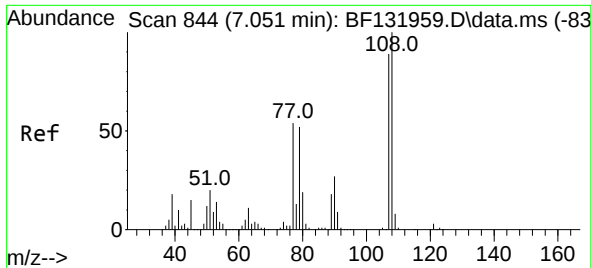
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.750 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

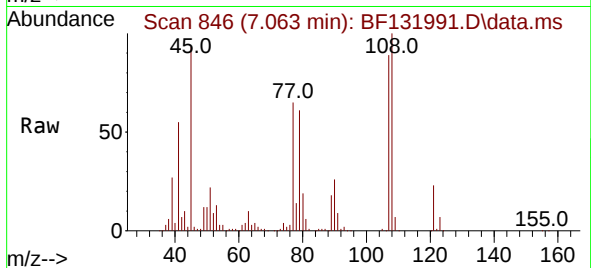
Tgt Ion: 45 Resp: 385058
Ion Ratio Lower Upper
45 100
77 34.2 0.0 38.1
79 28.8 0.0 34.6





#17
2-Methylphenol
Concen: 42.382 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.012 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

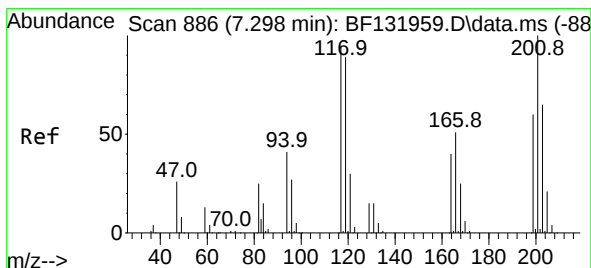
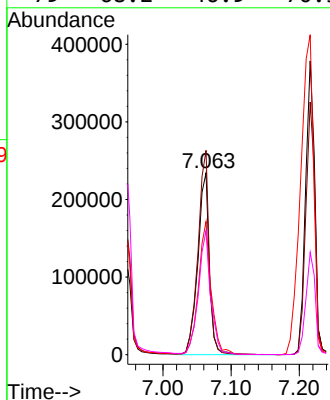
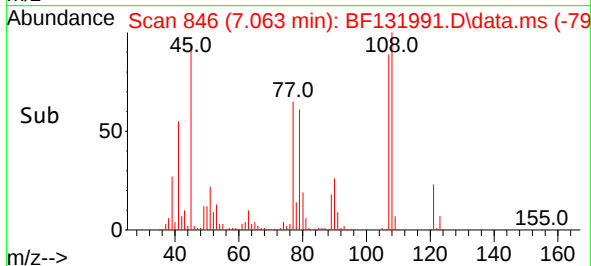
Instrument :
BNA_F
ClientSampleId :
PB150009BS



Tgt Ion:107 Resp: 275823
Ion Ratio Lower Upper
107 100
108 112.4 90.0 135.0
77 73.3 48.8 73.2
79 68.2 46.9 70.3

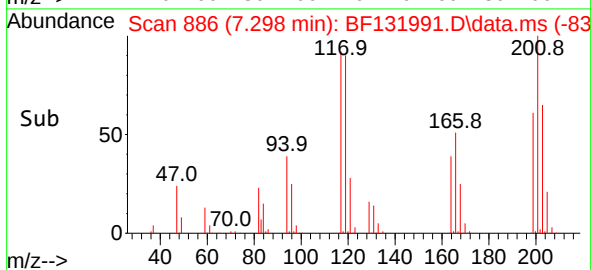
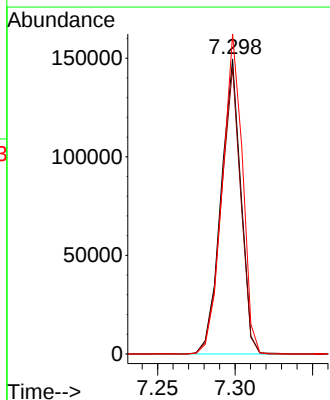
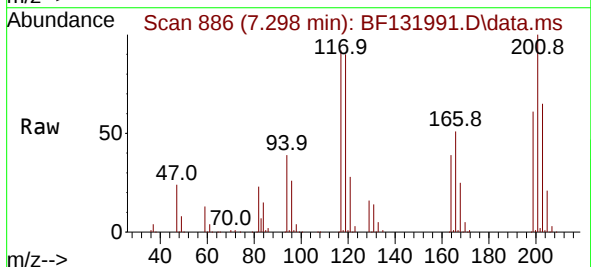
Manual Integrations
APPROVED

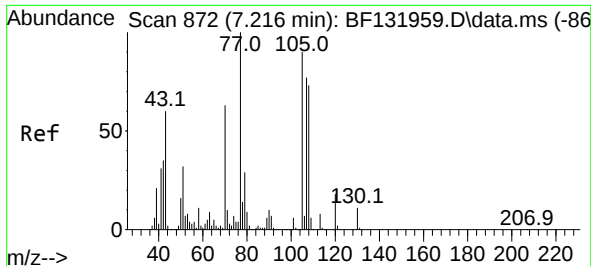
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#18
Hexachloroethane
Concen: 43.480 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

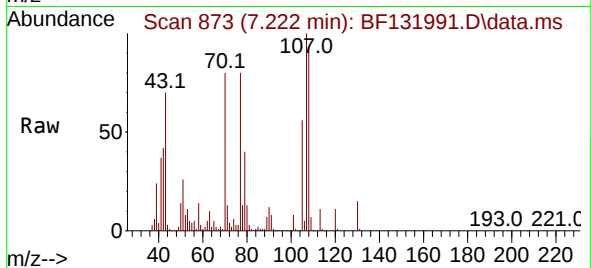
Tgt Ion:117 Resp: 133264
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.0
201 108.5 84.2 126.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.039 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

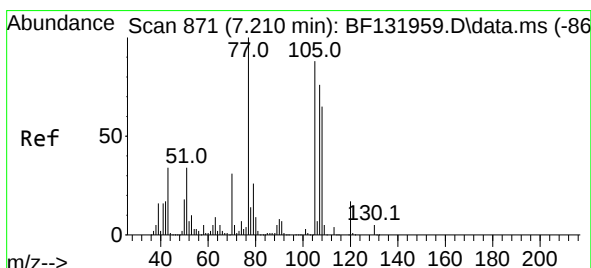
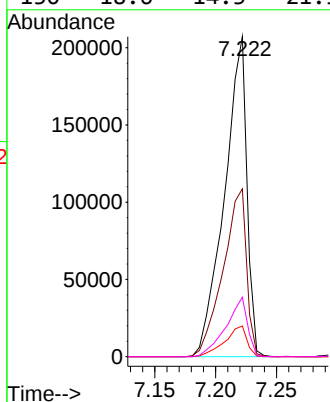
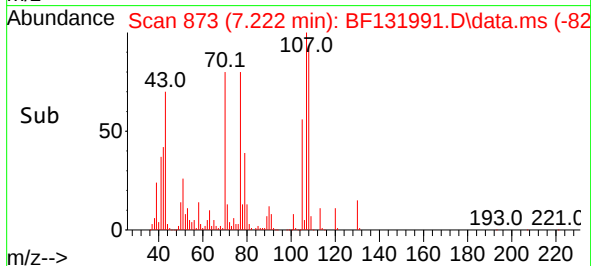
Instrument :
BNA_F
ClientSampleId :
PB150009BS



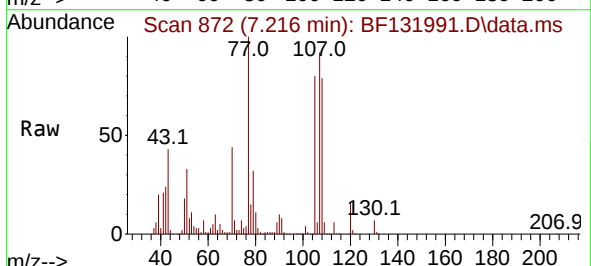
Tgt Ion: 70 Resp: 26428
Ion Ratio Lower Upper
70 100
42 52.4 44.3 66.5
101 9.6 7.5 11.3
130 18.6 14.3 21.5

Manual Integrations
APPROVED

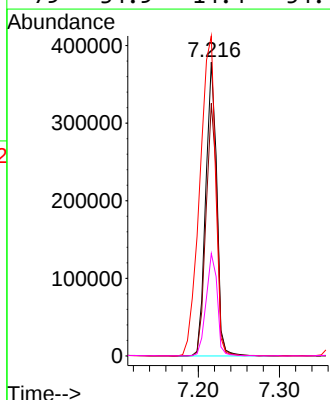
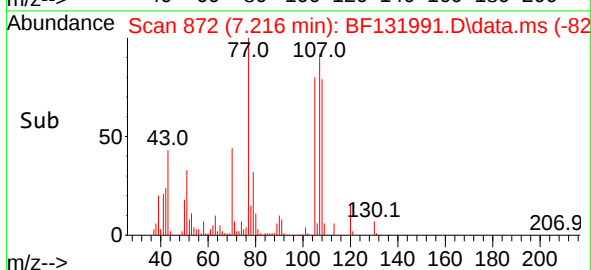
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

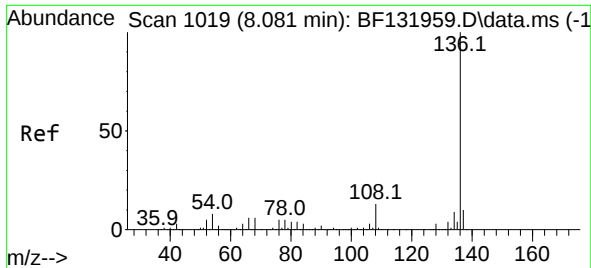


#20
3+4-Methylphenols
Concen: 42.545 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:107 Resp: 355469
Ion Ratio Lower Upper
107 100
108 86.0 65.1 105.1
77 108.9 111.2 151.2#
79 34.9 14.4 54.4





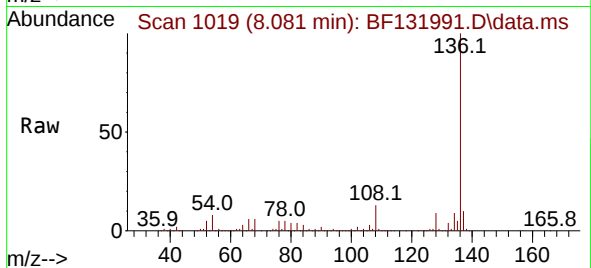
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

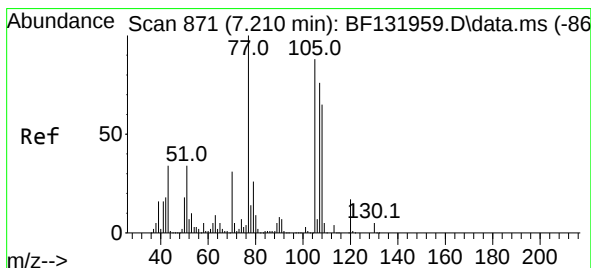
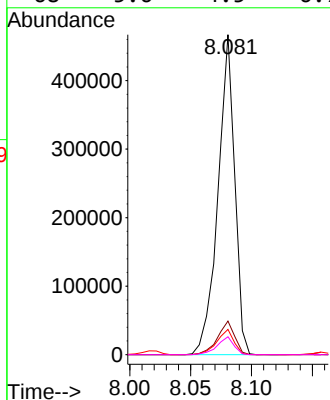
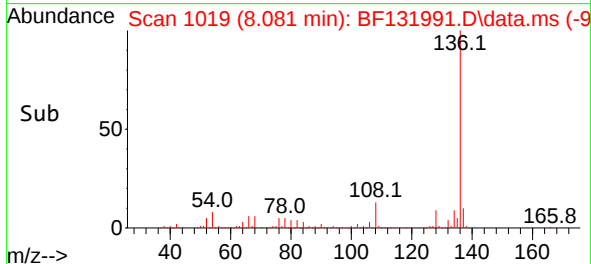


Tgt Ion:136 Resp: 447211
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.9 6.6 9.8
68 5.6 4.5 6.7

Manual Integrations

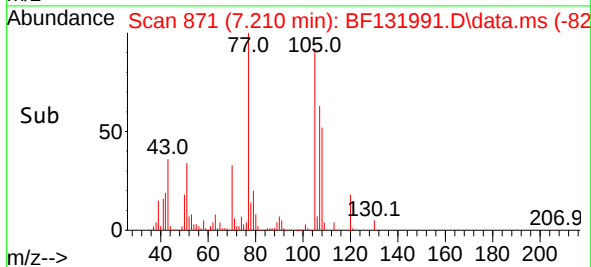
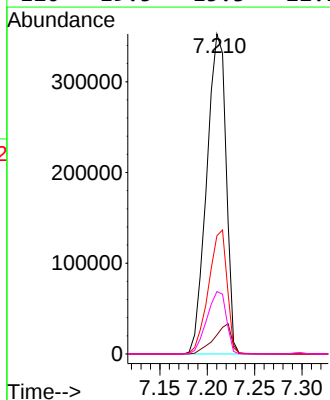
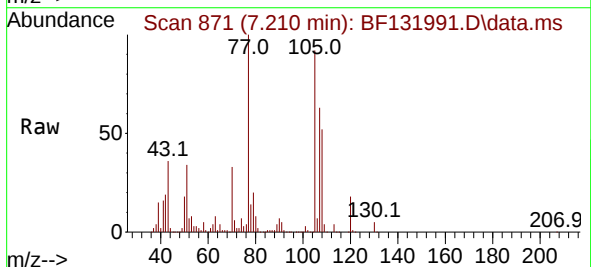
APPROVED

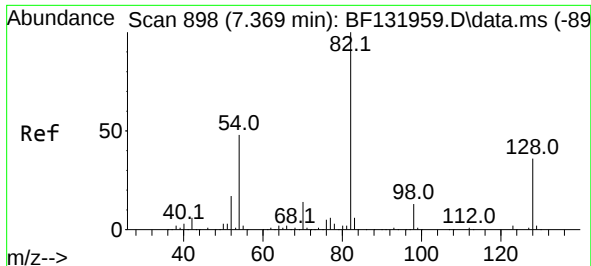
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#22
Acetophenone
Concen: 38.436 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:105 Resp: 500473
Ion Ratio Lower Upper
105 100
71 6.0 4.6 7.0
51 37.0 30.6 46.0
120 19.5 15.3 22.9





#23

Nitrobenzene-d5

Concen: 71.358 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

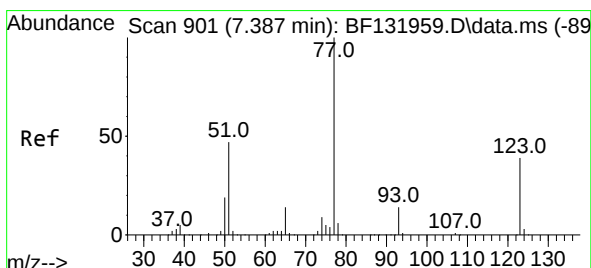
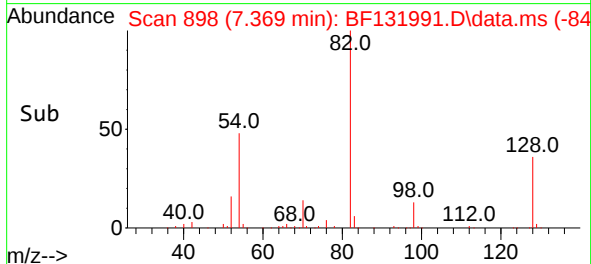
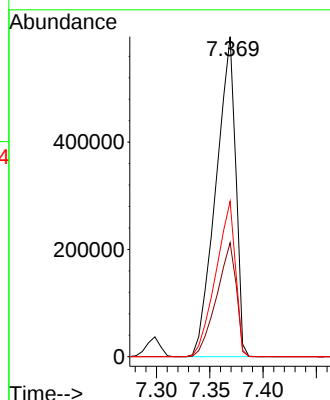
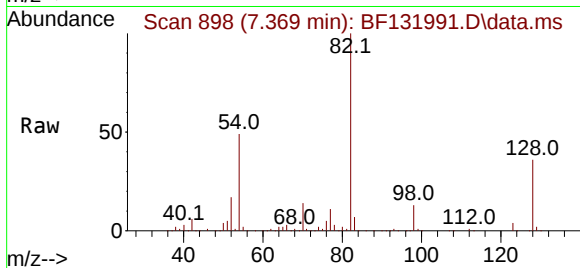
Tgt Ion: 82 Resp: 76891

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.7	43.1
54	48.6	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#24

Nitrobenzene

Concen: 36.524 ng

RT: 7.387 min Scan# 901

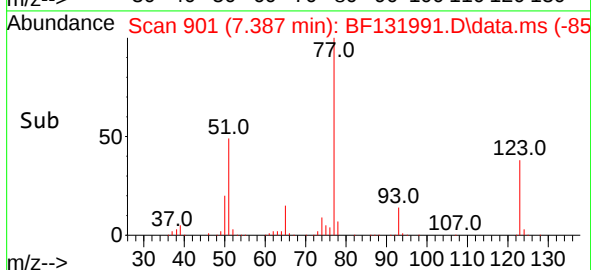
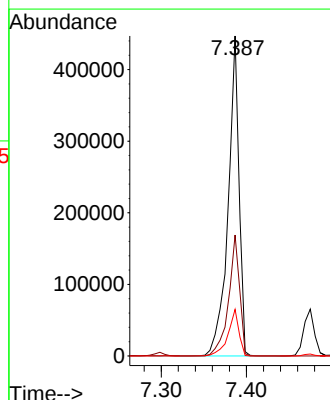
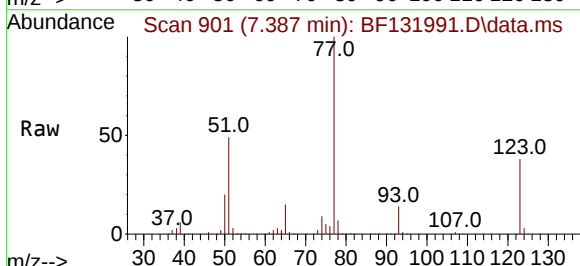
Delta R.T. -0.000 min

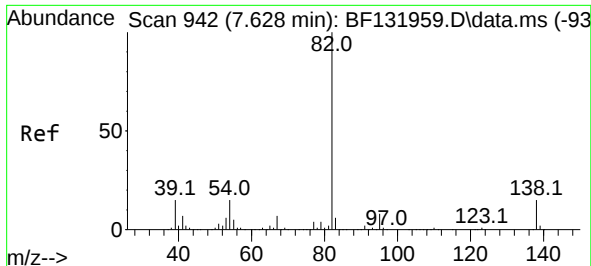
Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Tgt Ion: 77 Resp: 400660

Ion	Ratio	Lower	Upper
77	100		
123	37.8	30.9	46.3
65	14.6	10.8	16.2





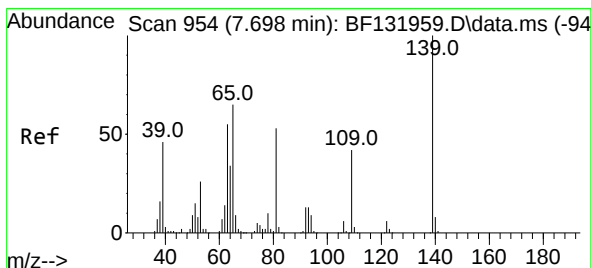
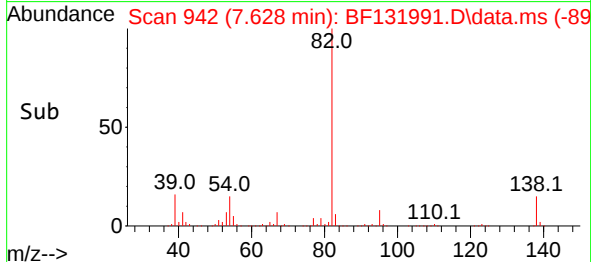
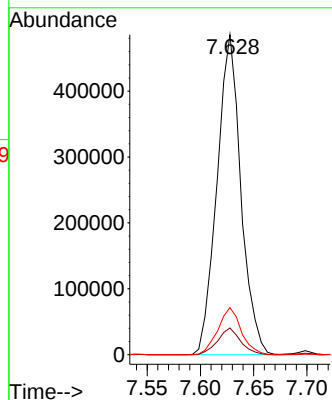
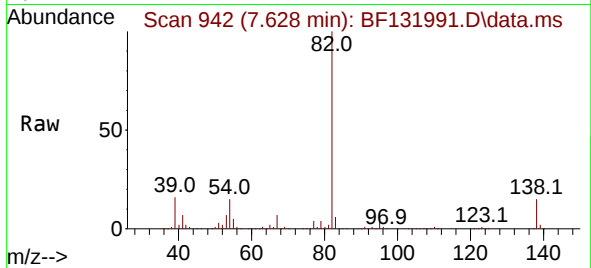
#25
Isophorone
Concen: 37.651 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion: 82 Resp: 757905
Ion Ratio Lower Upper
82 100
95 8.4 6.5 9.7
138 14.7 11.9 17.9

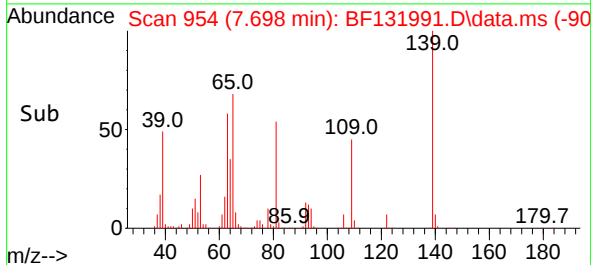
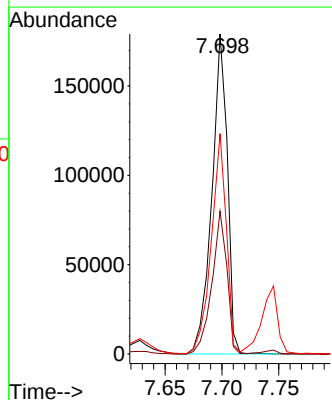
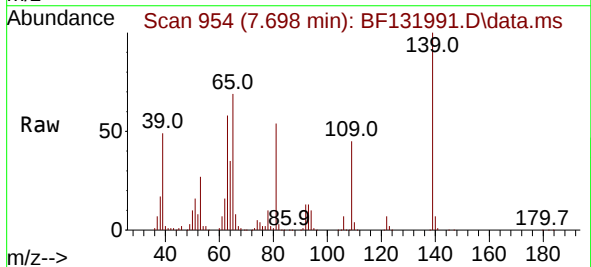
Manual Integrations
APPROVED

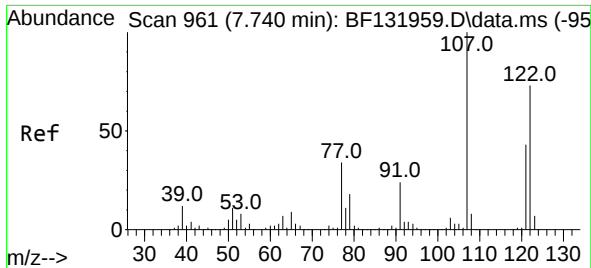
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#26
2-Nitrophenol
Concen: 39.186 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:139 Resp: 169140
Ion Ratio Lower Upper
139 100
109 44.6 33.9 50.9
65 68.9 51.6 77.4





#27
2,4-Dimethylphenol
Concen: 39.188 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

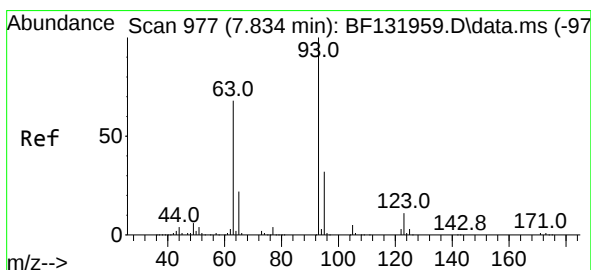
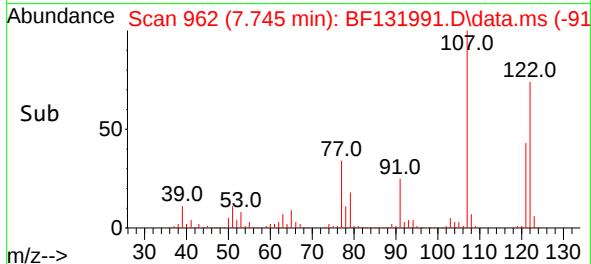
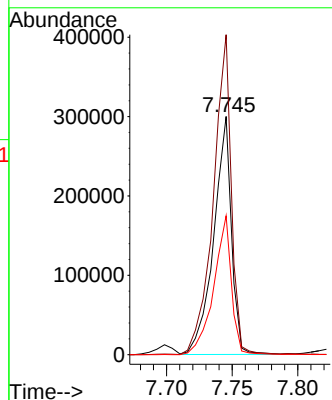
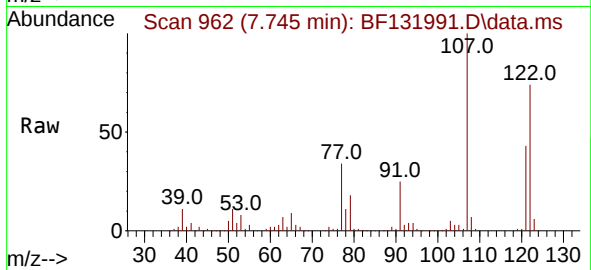
PB150009BS

Tgt Ion:122 Resp: 282335
Ion Ratio Lower Upper
122 100
107 134.4 109.4 164.0
121 58.3 47.2 70.8

Manual Integrations

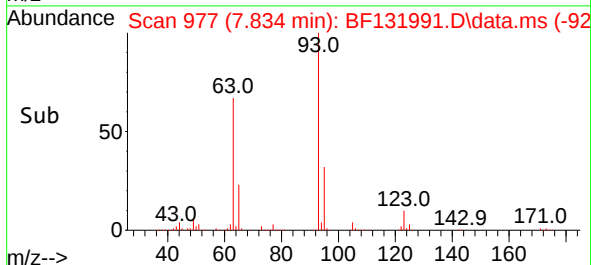
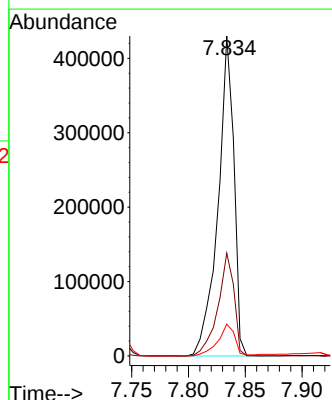
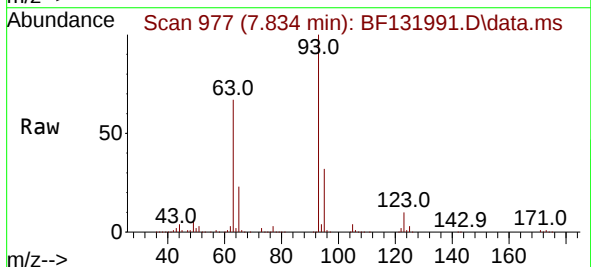
APPROVED

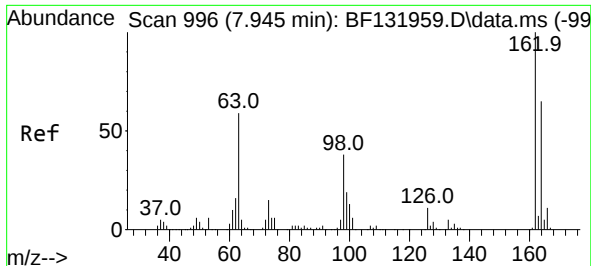
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.661 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion: 93 Resp: 419578
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 10.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.784 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF131991.D

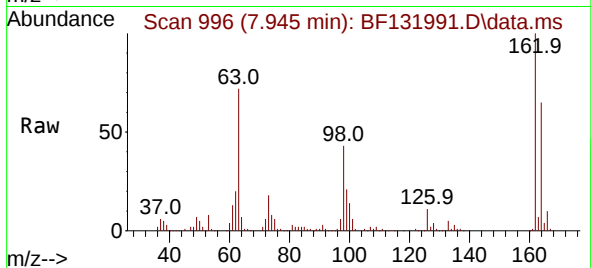
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS



Tgt Ion:162 Resp: 293589

Ion Ratio Lower Upper

162 100

164 64.9 45.2 85.2

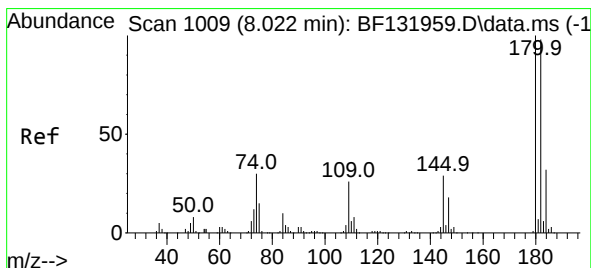
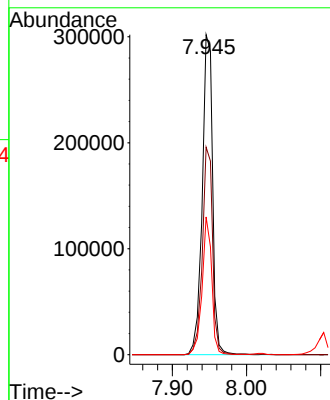
98 43.1 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.526 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

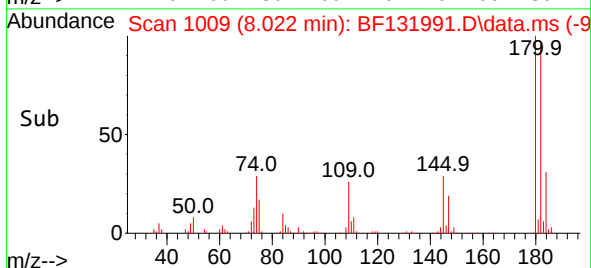
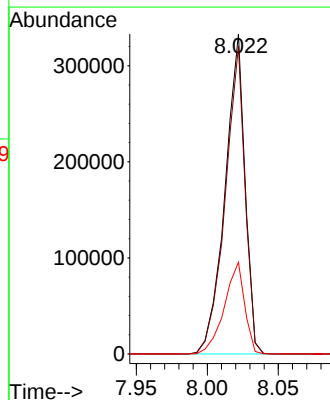
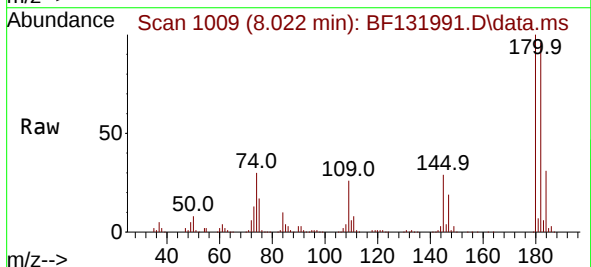
Tgt Ion:180 Resp: 325605

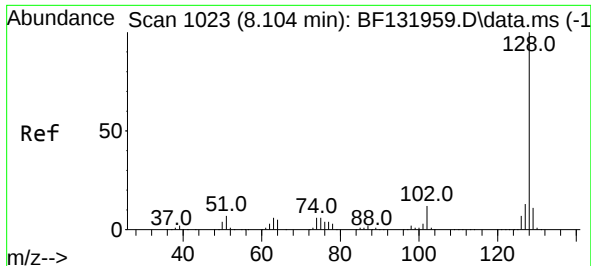
Ion Ratio Lower Upper

180 100

182 96.1 78.4 117.6

145 28.6 23.2 34.8





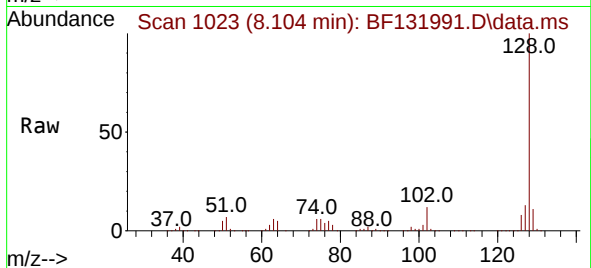
#31
Naphthalene
Concen: 37.509 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

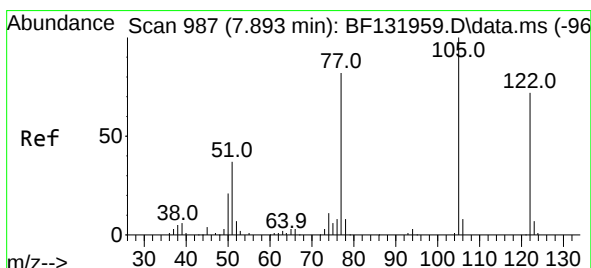
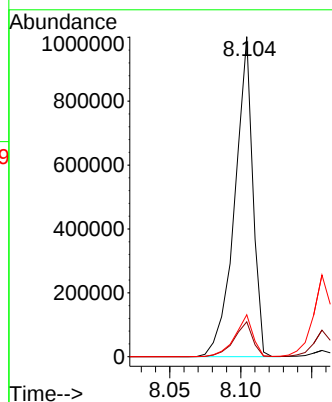
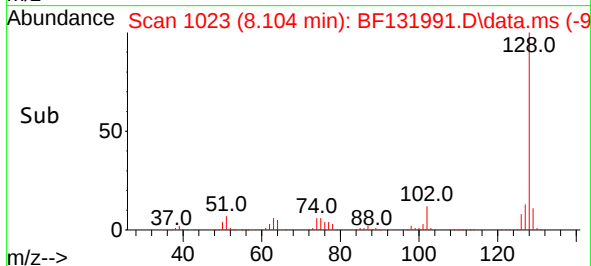


Tgt Ion:128 Resp: 886485
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.5 15.7

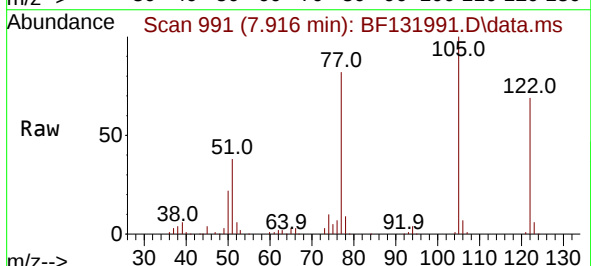
Manual Integrations

APPROVED

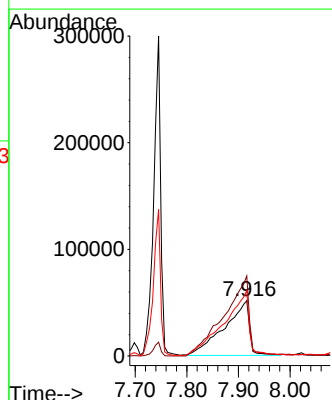
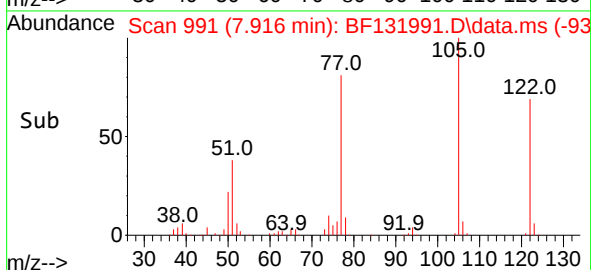
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

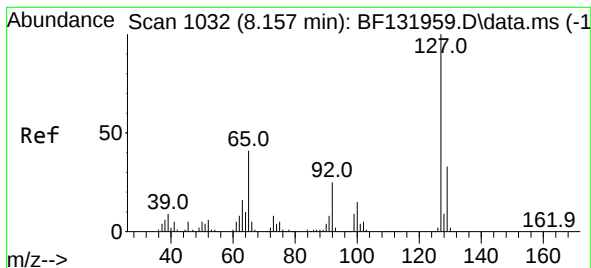


#32
Benzoic acid
Concen: 41.640 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.023 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:122 Resp: 173923
Ion Ratio Lower Upper
122 100
105 145.2 116.3 156.3
77 118.4 92.7 132.7





#33
4-Chloroaniline
Concen: 26.829 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

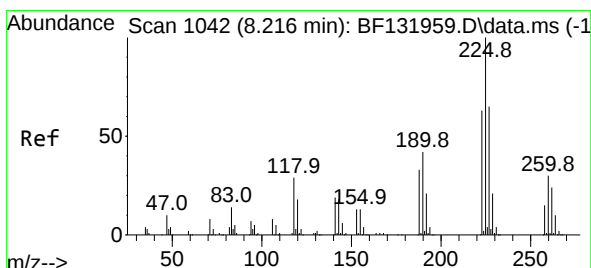
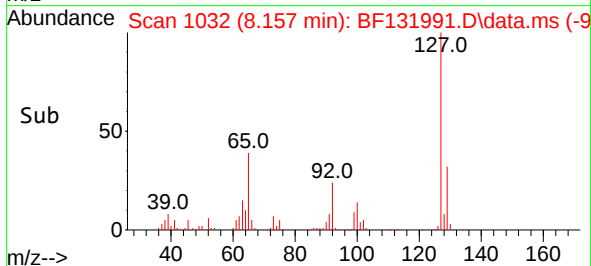
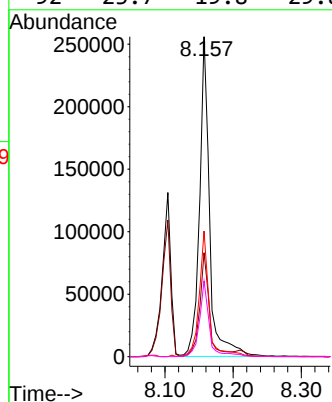
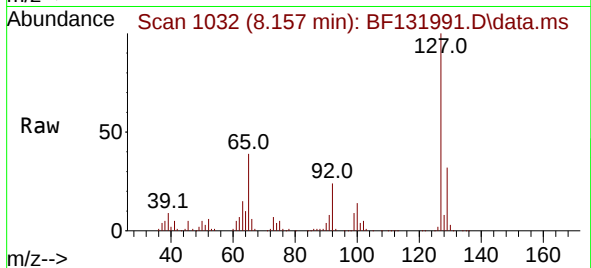
PB150009BS

Tgt Ion:127 Resp: 26166
Ion Ratio Lower Upper
127 100
129 32.5 26.5 39.7
65 39.2 33.1 49.7
92 23.7 19.8 29.8

Manual Integrations

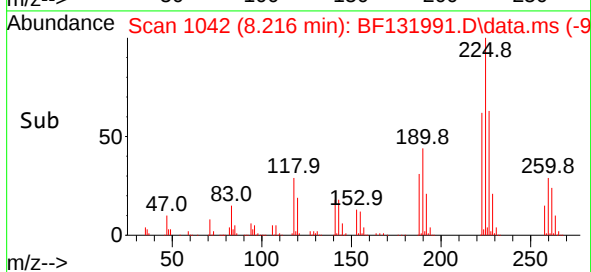
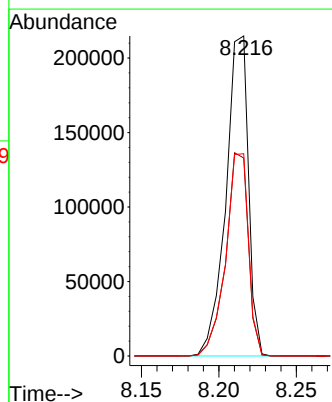
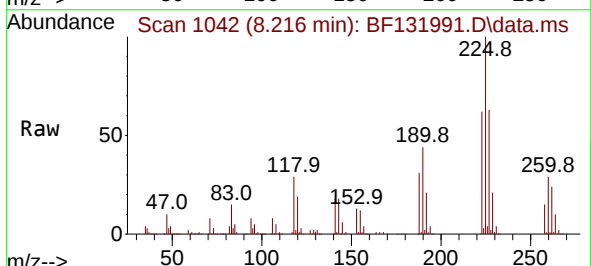
APPROVED

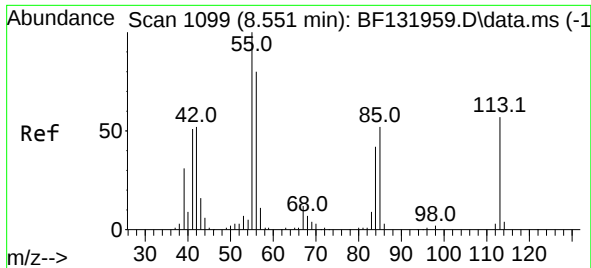
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#34
Hexachlorobutadiene
Concen: 37.191 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:225 Resp: 217929
Ion Ratio Lower Upper
225 100
223 61.8 50.6 75.8
227 63.2 51.6 77.4





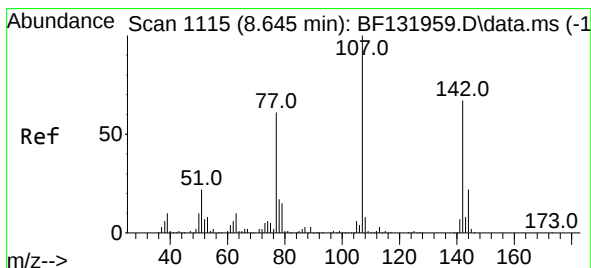
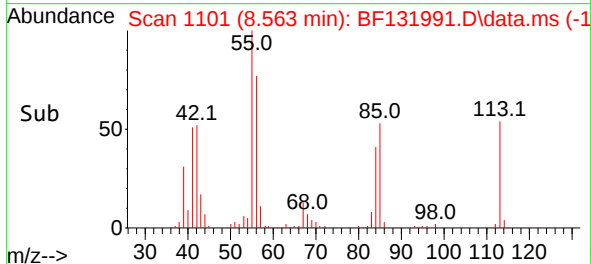
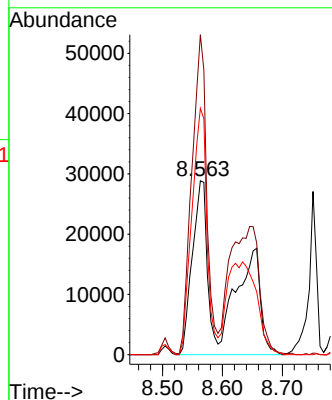
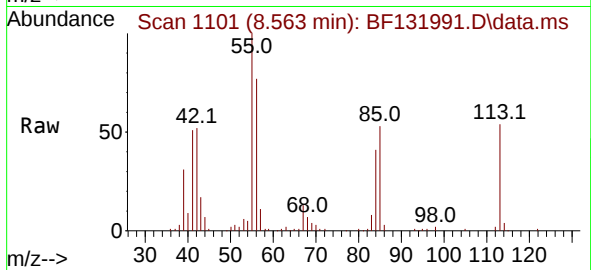
#35
 Caprolactam
 Concen: 46.116 ng m
 RT: 8.563 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF131991.D
 Acq: 10 Jan 2023 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BS

Tgt Ion:113 Resp: 9995
 Ion Ratio Lower Upper
 113 100
 55 184.0 154.4 194.4
 56 141.7 119.6 159.6

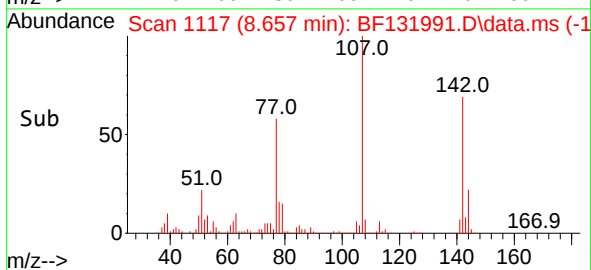
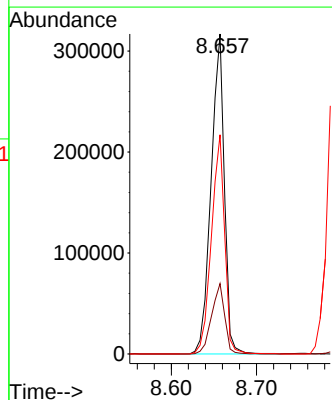
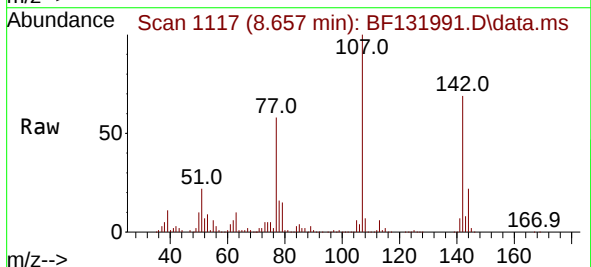
Manual Integrations
 APPROVED

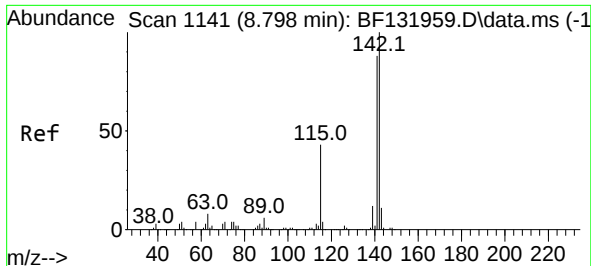
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.631 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.012 min
 Lab File: BF131991.D
 Acq: 10 Jan 2023 11:31

Tgt Ion:107 Resp: 343253
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.4 26.2
 142 68.5 53.7 80.5





#37

2-Methylnaphthalene

Concen: 36.945 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

Tgt Ion:142 Resp: 627110

Ion Ratio Lower Upper

142 100

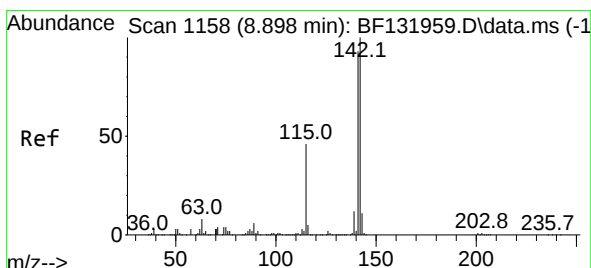
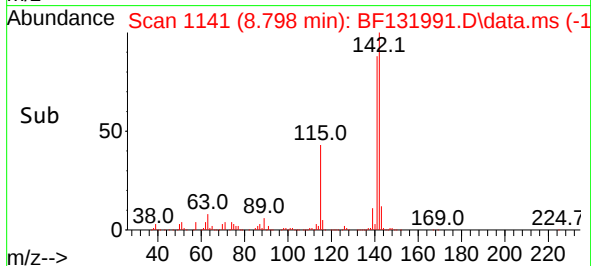
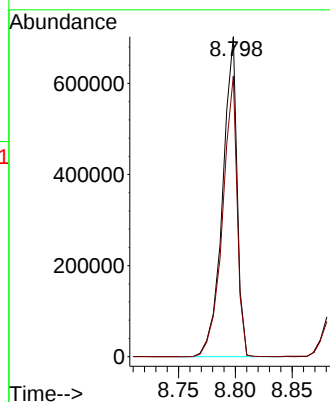
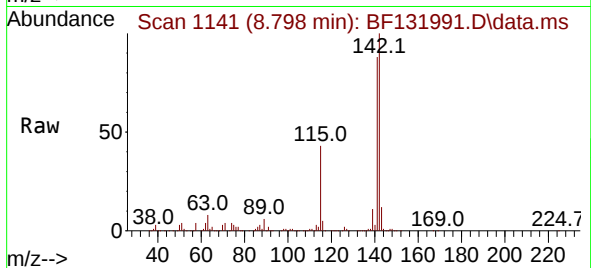
141 87.7 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#38

1-Methylnaphthalene

Concen: 37.077 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF131991.D

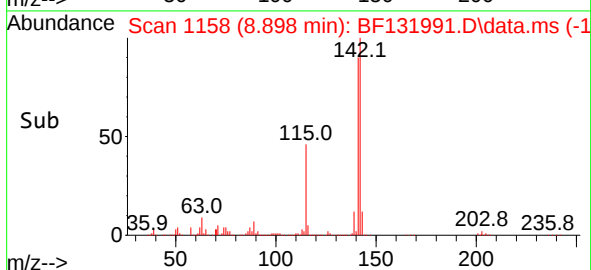
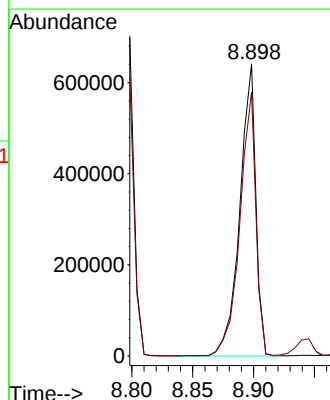
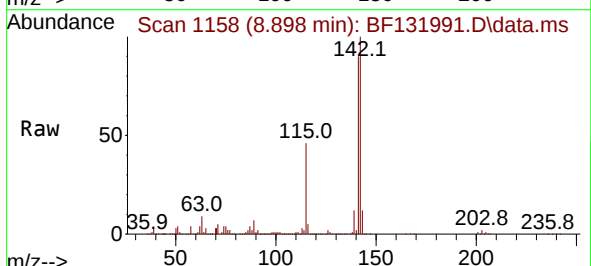
Acq: 10 Jan 2023 11:31

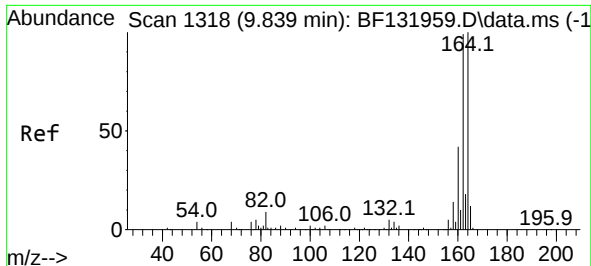
Tgt Ion:142 Resp: 583084

Ion Ratio Lower Upper

142 100

141 90.4 74.3 111.5





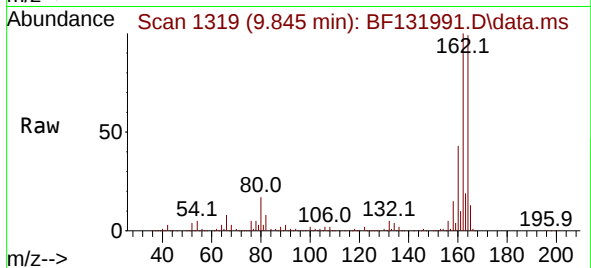
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

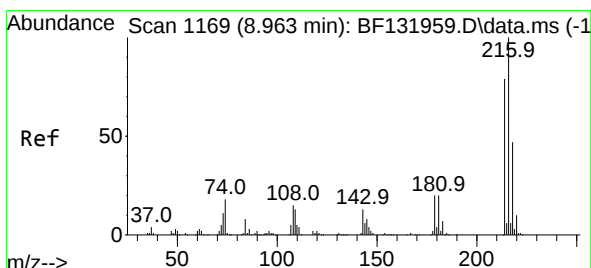
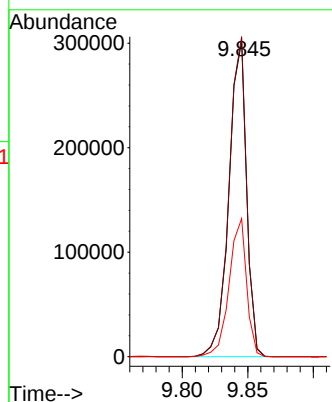
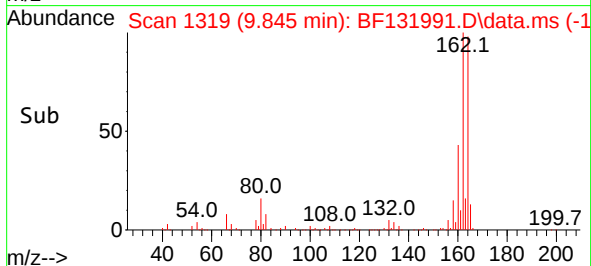


Tgt Ion:164 Resp: 282220
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.0
160 43.8 33.9 50.9

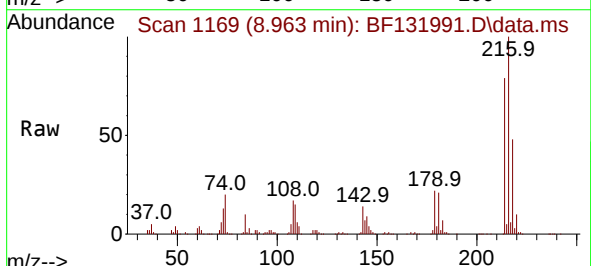
Manual Integrations

APPROVED

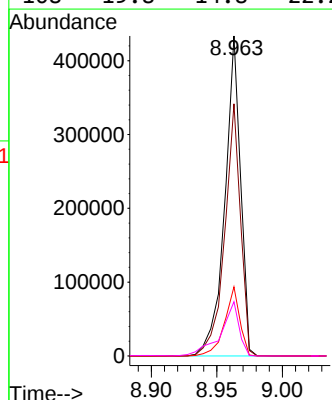
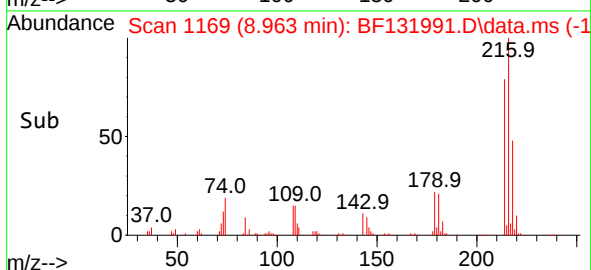
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

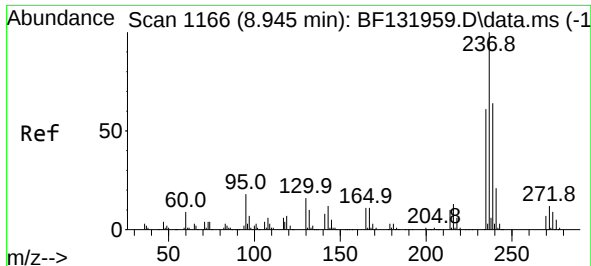


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.387 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



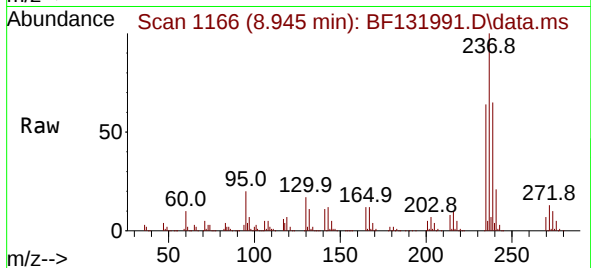
Tgt Ion:216 Resp: 361863
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 20.9 16.4 24.6
108 19.8 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 66.283 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

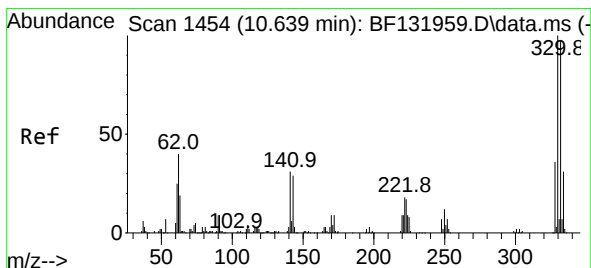
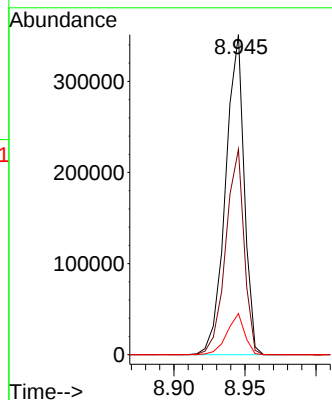
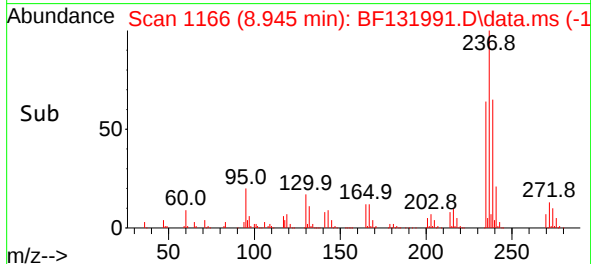
Instrument :
BNA_F
ClientSampleId :
PB150009BS



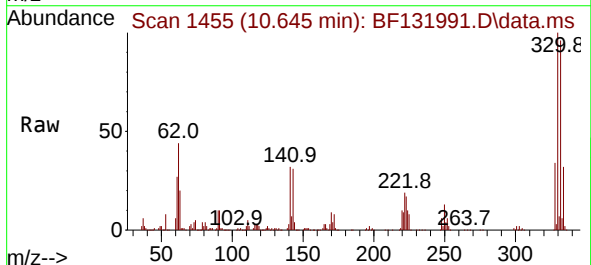
Tgt Ion:237 Resp: 319980
Ion Ratio Lower Upper
237 100
235 64.2 41.2 81.2
272 12.9 0.0 31.7

Manual Integrations
APPROVED

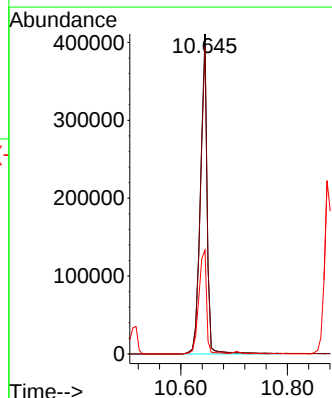
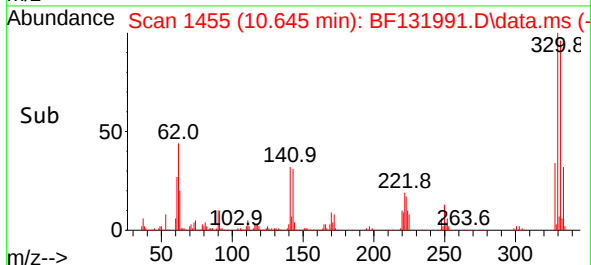
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

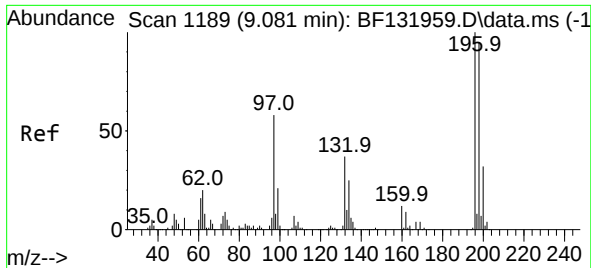


#42
2,4,6-Tribromophenol
Concen: 110.577 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



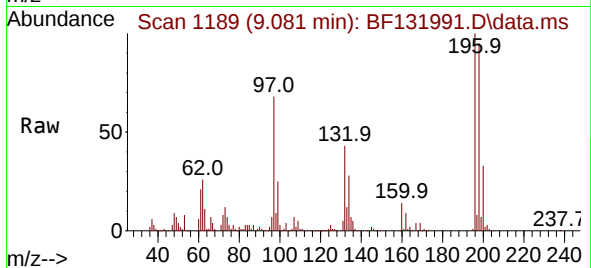
Tgt Ion:330 Resp: 358814
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 37.6 31.3 46.9





#43
2,4,6-Trichlorophenol
Concen: 37.682 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

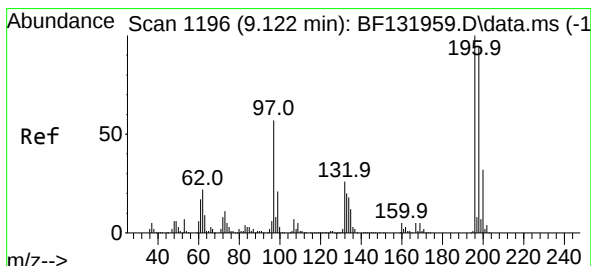
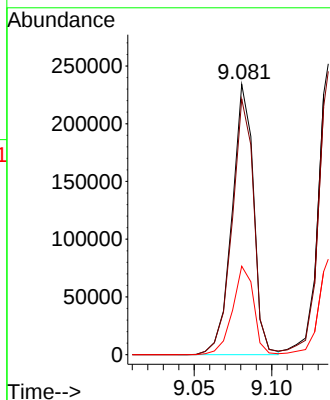
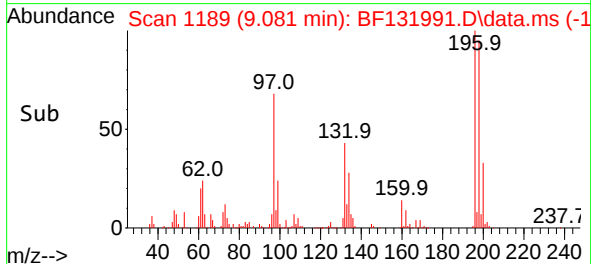
Instrument :
BNA_F
ClientSampleId :
PB150009BS



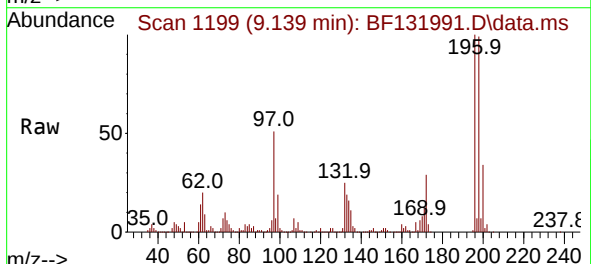
Tgt Ion:196 Resp: 225564
Ion Ratio Lower Upper
196 100
198 94.6 76.3 114.5
200 32.7 25.8 38.6

Manual Integrations
APPROVED

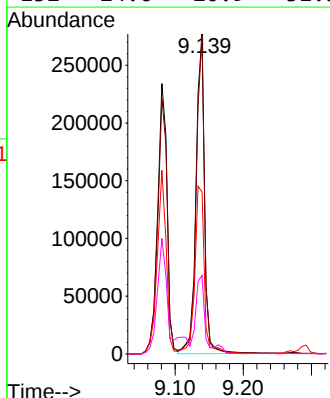
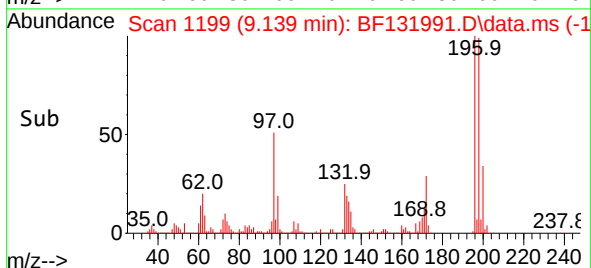
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

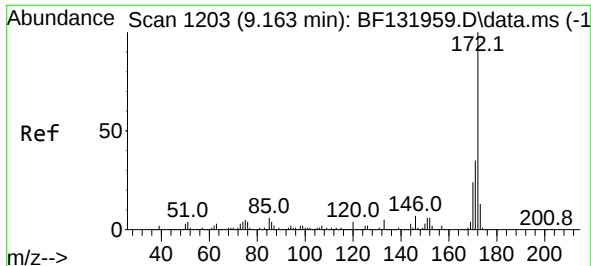


#44
2,4,5-Trichlorophenol
Concen: 34.647 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.018 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



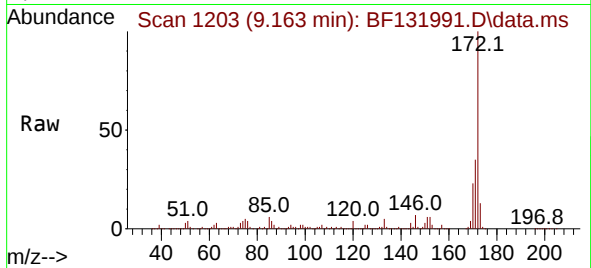
Tgt Ion:196 Resp: 241451
Ion Ratio Lower Upper
196 100
198 99.2 75.3 112.9
97 50.6 45.6 68.4
132 24.6 20.9 31.3





#45
2-Fluorobiphenyl
Concen: 69.365 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

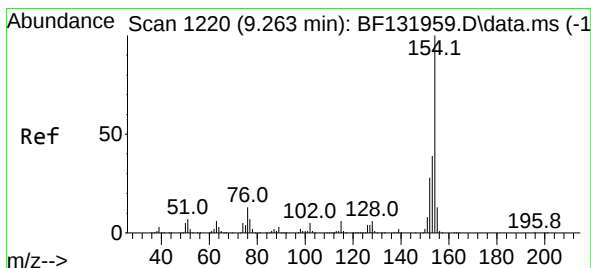
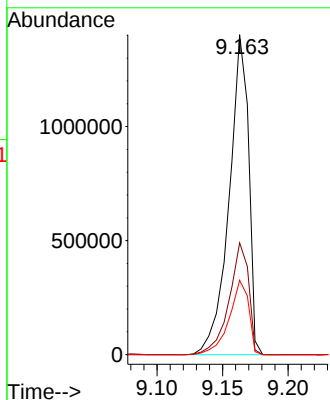
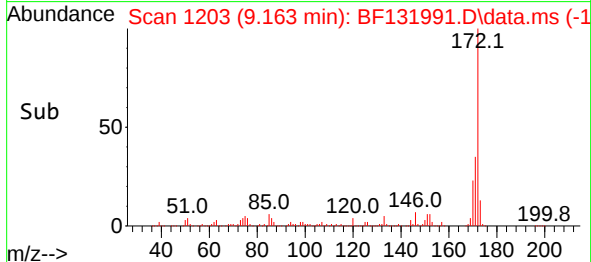
Instrument :
BNA_F
ClientSampleId :
PB150009BS



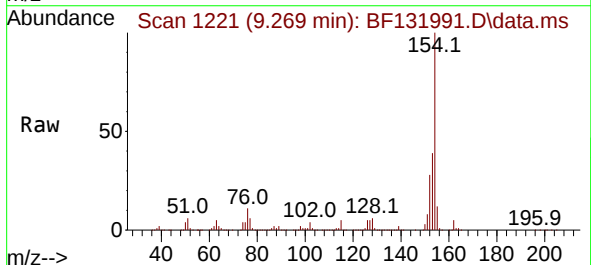
Tgt Ion:172 Resp: 1450134
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.3 18.9 28.3

Manual Integrations
APPROVED

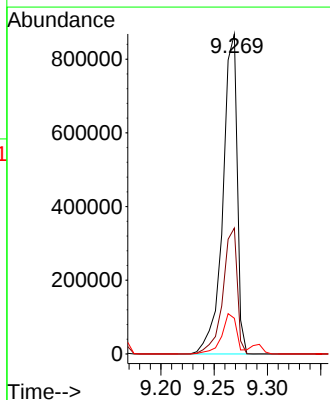
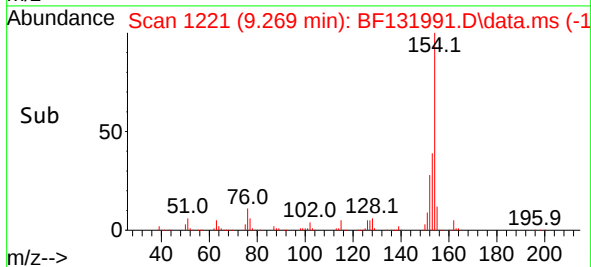
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

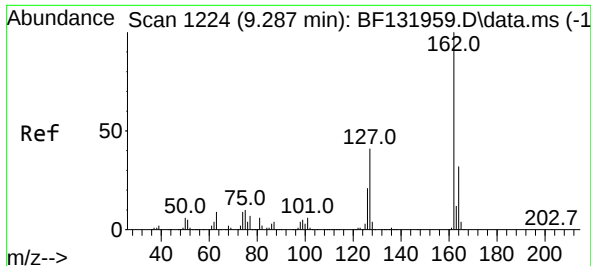


#46
1,1'-Biphenyl
Concen: 37.246 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:154 Resp: 811321
Ion Ratio Lower Upper
154 100
153 39.4 18.9 58.9
76 11.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 37.362 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.005 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

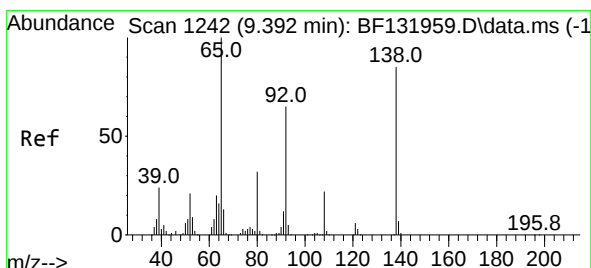
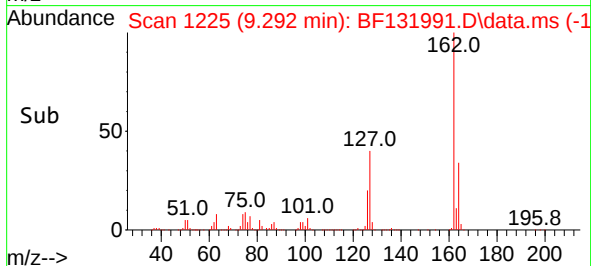
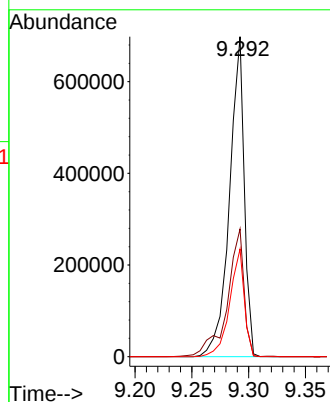
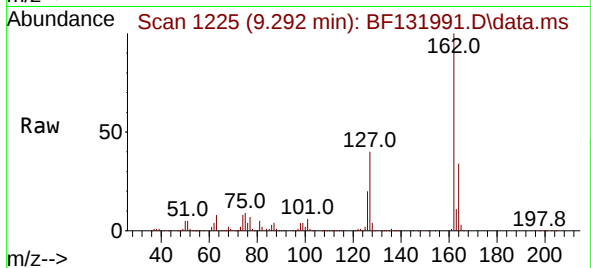
PB150009BS

Tgt Ion:	162	Resp:	63166
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.0	49.4
164	33.6	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#48

2-Nitroaniline

Concen: 36.264 ng

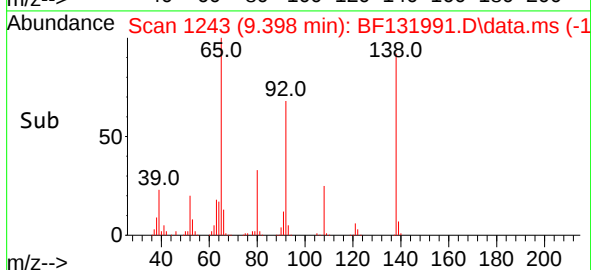
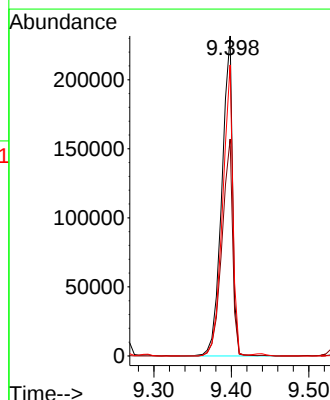
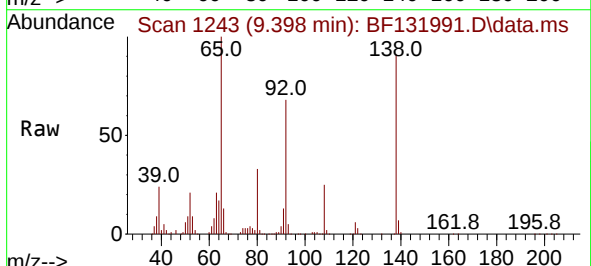
RT: 9.398 min Scan# 1243

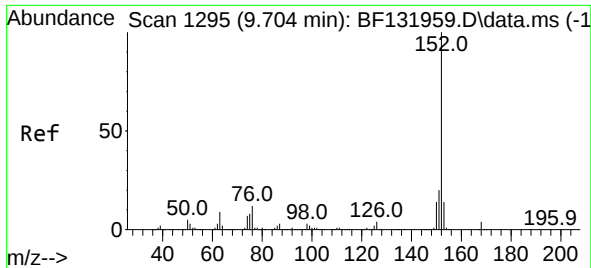
Delta R.T. 0.006 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

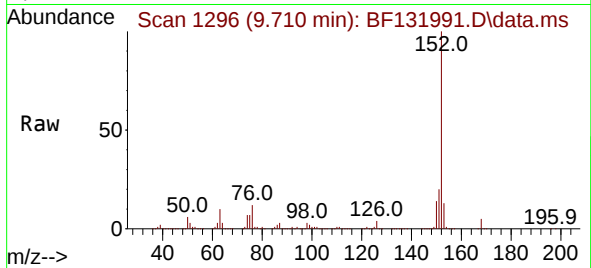
Tgt Ion:	65	Resp:	222688
Ion Ratio	Lower	Upper	
65	100		
92	67.8	52.2	78.2
138	90.9	67.8	101.8





#49
Acenaphthylene
Concen: 35.597 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

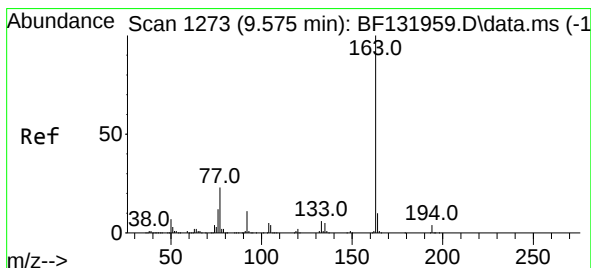
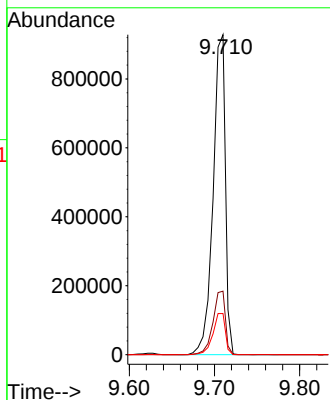
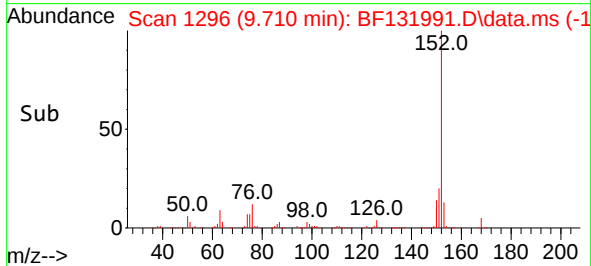
Instrument :
BNA_F
ClientSampleId :
PB150009BS



Tgt Ion:152 Resp: 93389
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.8 16.2

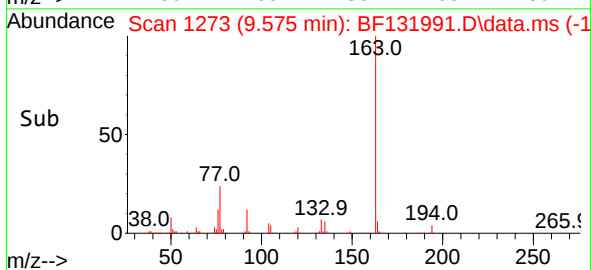
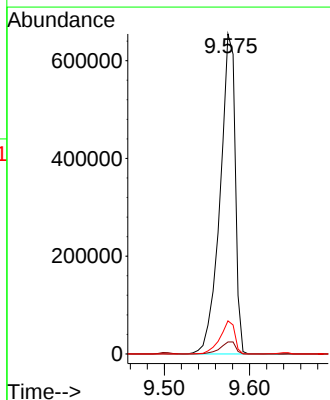
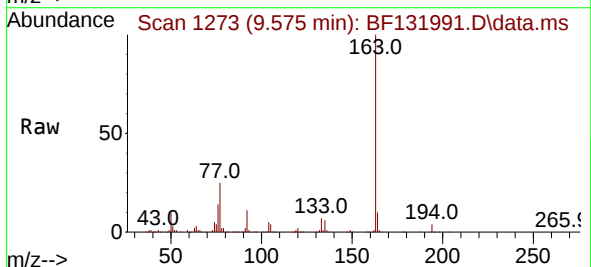
Manual Integrations
APPROVED

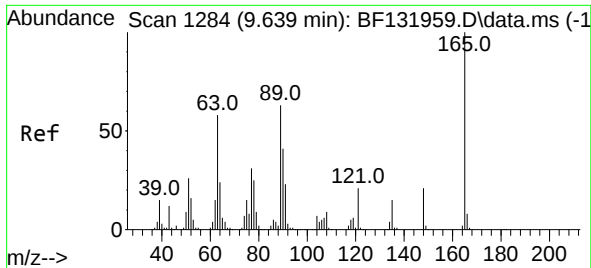
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#50
Dimethylphthalate
Concen: 36.762 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:163 Resp: 808716
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 7.8 11.6





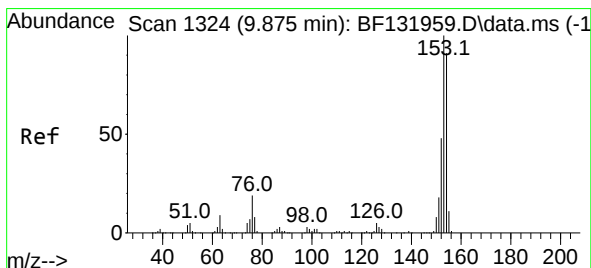
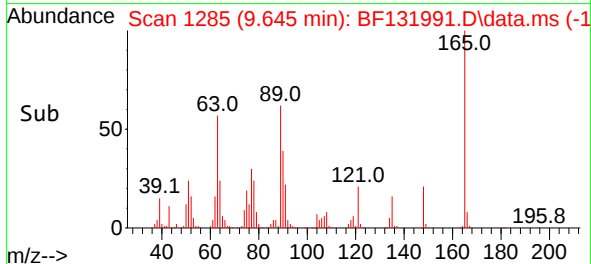
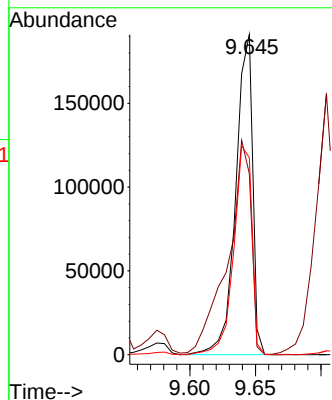
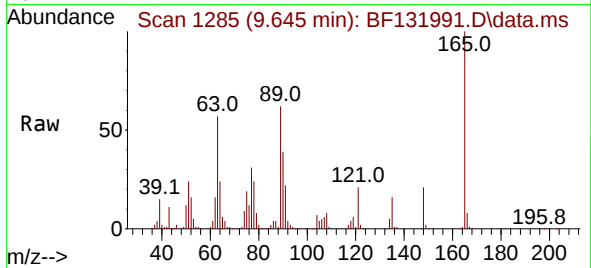
#51
2,6-Dinitrotoluene
Concen: 37.110 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion:165 Resp: 17170
Ion Ratio Lower Upper
165 100
63 56.6 47.4 71.0
89 61.5 50.2 75.2

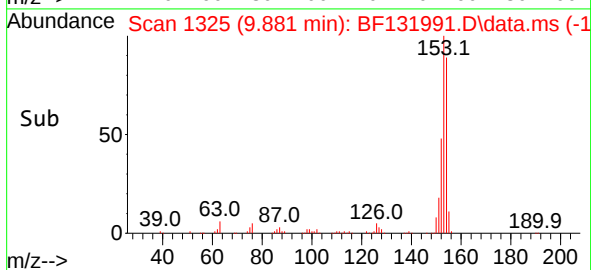
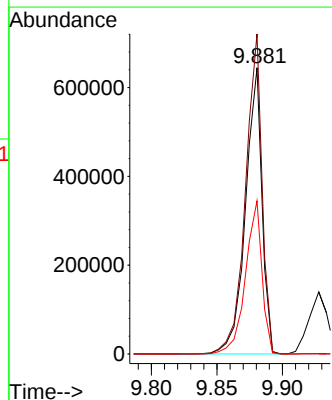
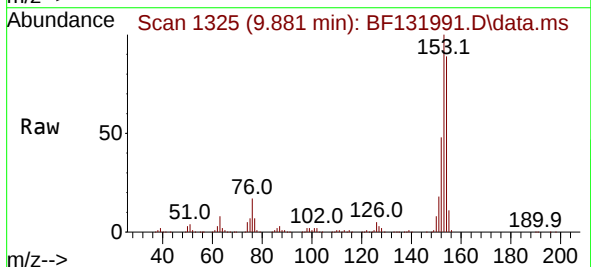
Manual Integrations
APPROVED

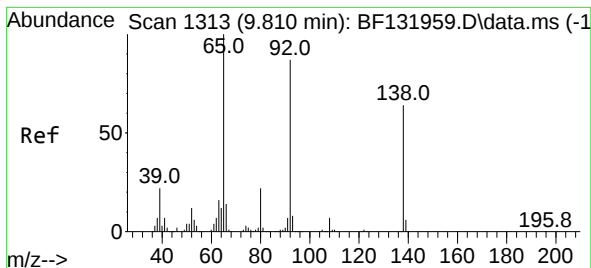
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#52
Acenaphthene
Concen: 35.933 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

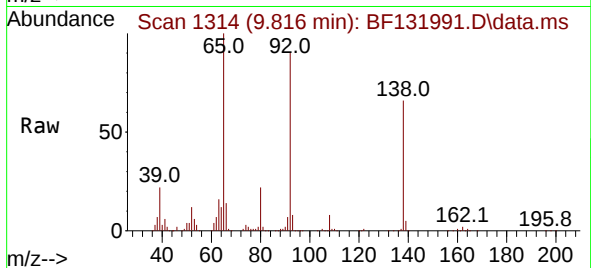
Tgt Ion:154 Resp: 565877
Ion Ratio Lower Upper
154 100
153 111.8 87.7 131.5
152 53.5 42.2 63.2





#53
3-Nitroaniline
Concen: 27.855 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

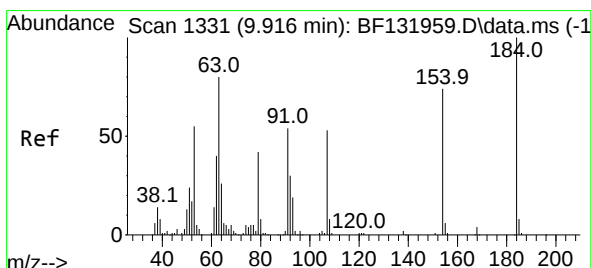
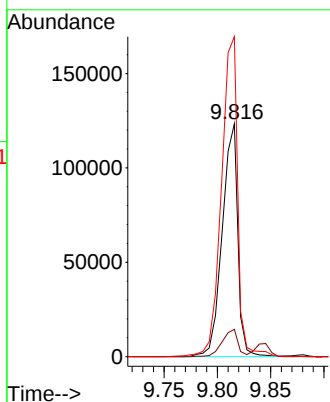
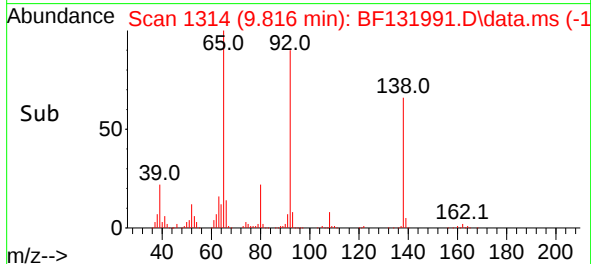
Instrument :
BNA_F
ClientSampleId :
PB150009BS



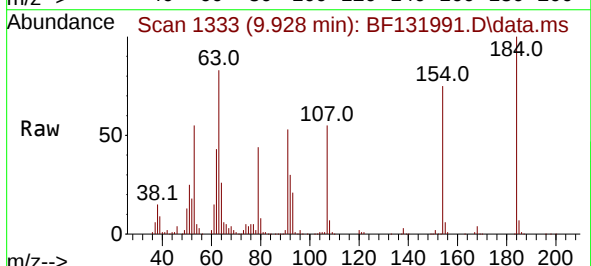
Tgt Ion:138 Resp: 125030
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 137.5 108.1 162.1

Manual Integrations
APPROVED

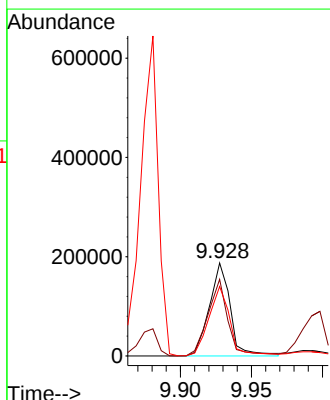
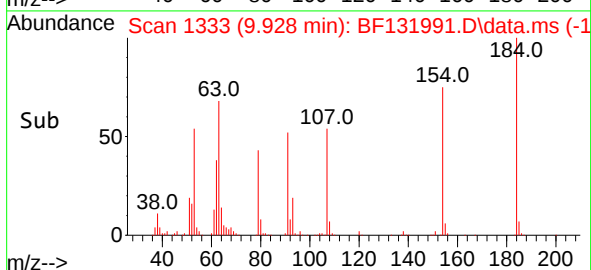
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

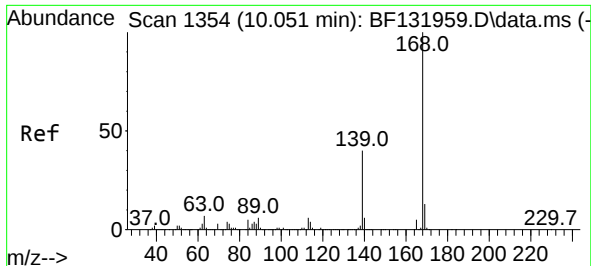


#54
2,4-Dinitrophenol
Concen: 83.095 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:184 Resp: 193040
Ion Ratio Lower Upper
184 100
63 82.5 63.7 95.5
154 74.7 60.1 90.1





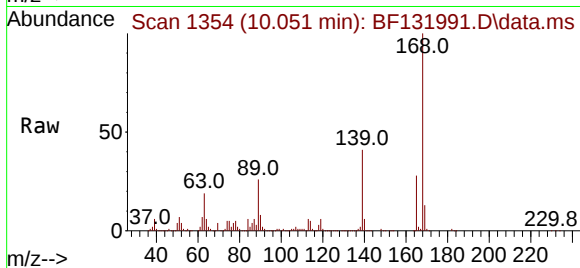
#55
Dibenzofuran
Concen: 35.942 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

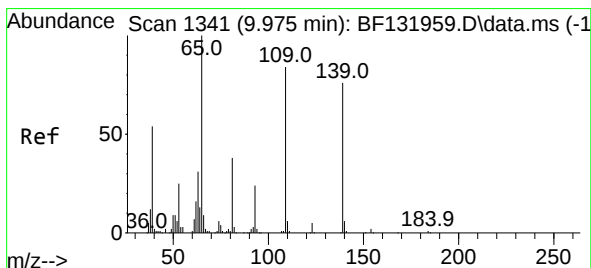
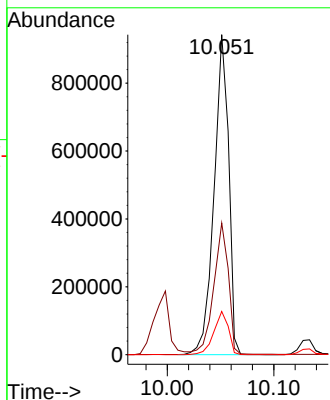
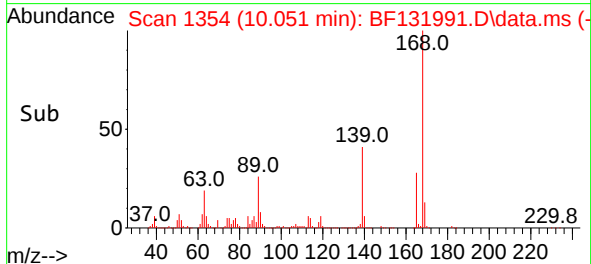
PB150009BS



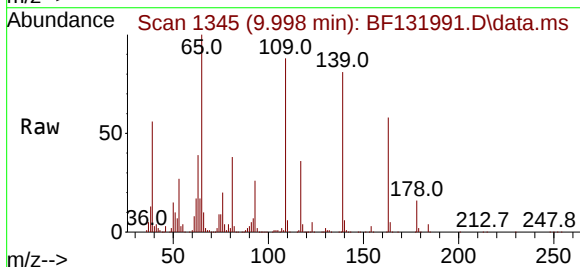
Tgt Ion:168 Resp: 892228
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.5 10.7 16.1

Manual Integrations
APPROVED

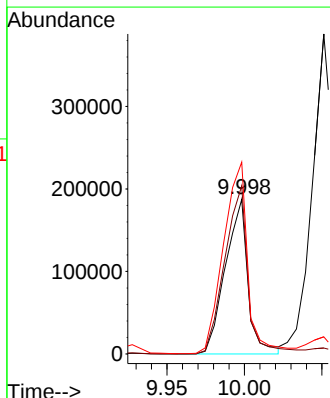
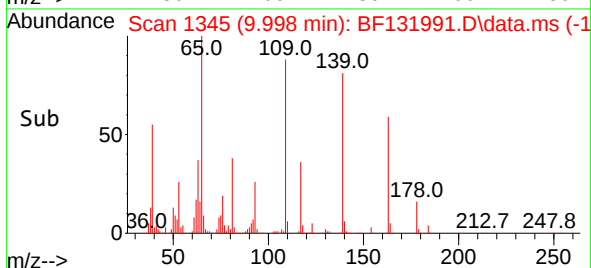
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

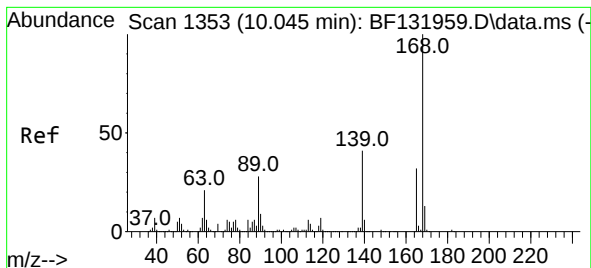


#56
4-Nitrophenol
Concen: 75.302 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.023 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:139 Resp: 190395
Ion Ratio Lower Upper
139 100
109 108.7 90.5 130.5
65 124.1 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 35.959 ng
RT: 10.051 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

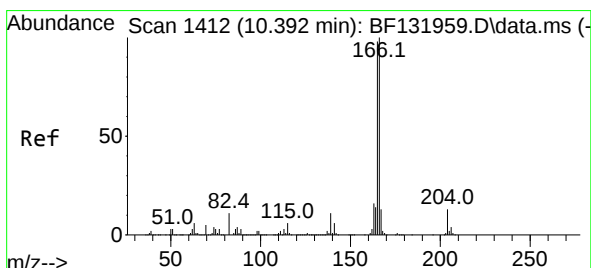
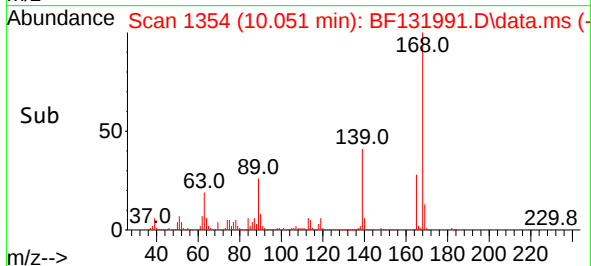
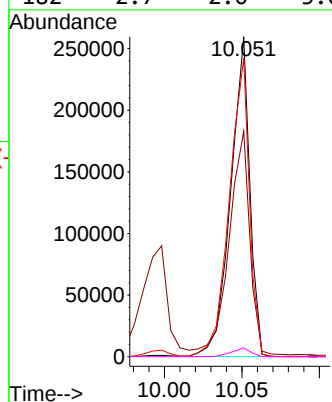
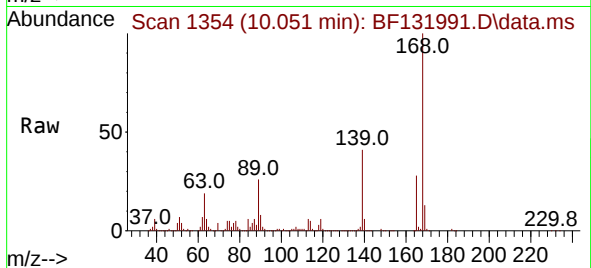
PB150009BS

Tgt Ion:165 Resp: 222440
Ion Ratio Lower Upper
165 100
63 70.4 53.2 79.8
89 93.2 71.2 106.8
182 2.7 2.0 3.0

Manual Integrations

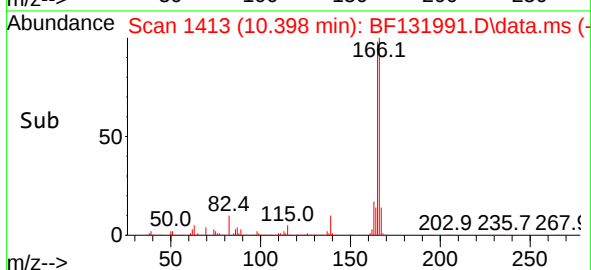
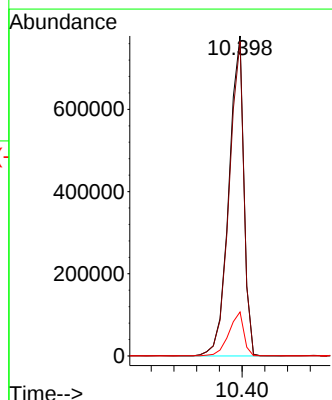
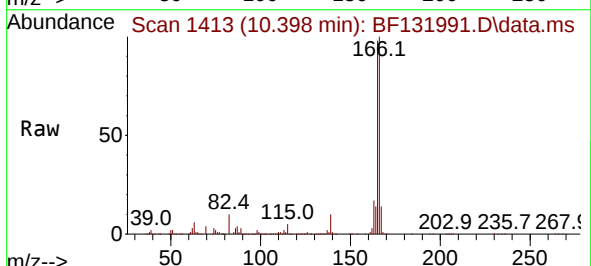
APPROVED

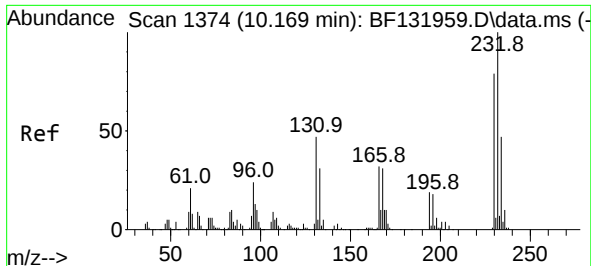
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#58
Fluorene
Concen: 35.840 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

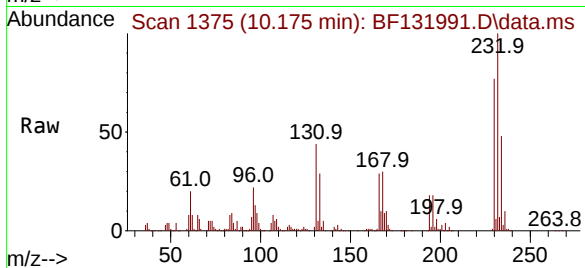
Tgt Ion:166 Resp: 710709
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.470 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

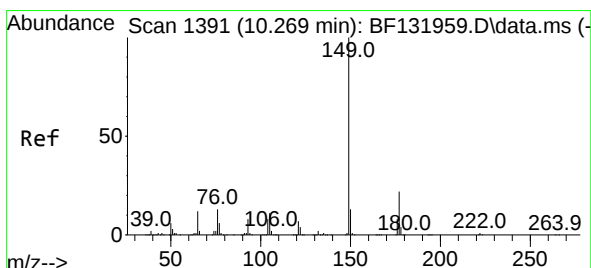
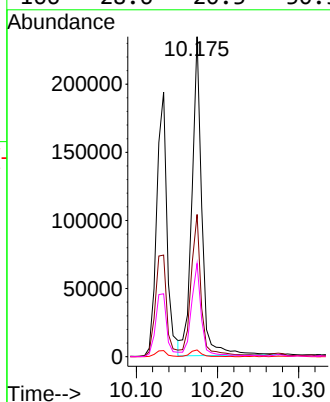
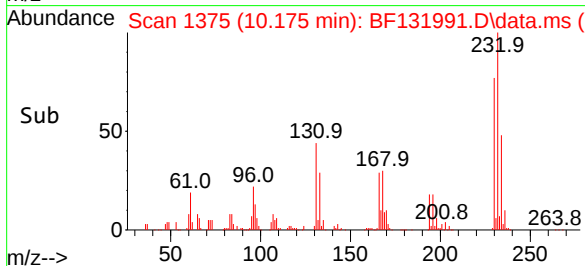
Instrument :
BNA_F
ClientSampleId :
PB150009BS



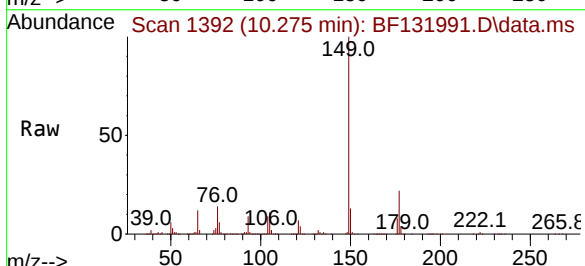
Tgt Ion:232 Resp: 199761
Ion Ratio Lower Upper
232 100
131 45.0 33.0 49.4
130 2.5 1.8 2.8
166 28.6 20.3 30.5

Manual Integrations
APPROVED

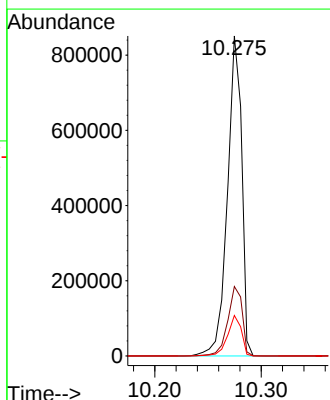
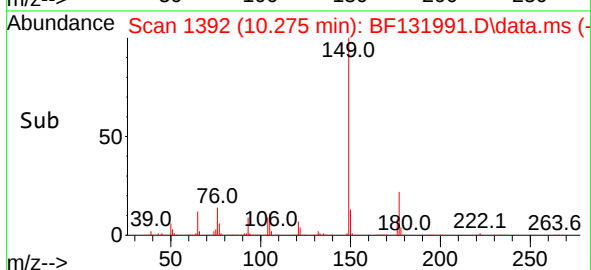
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

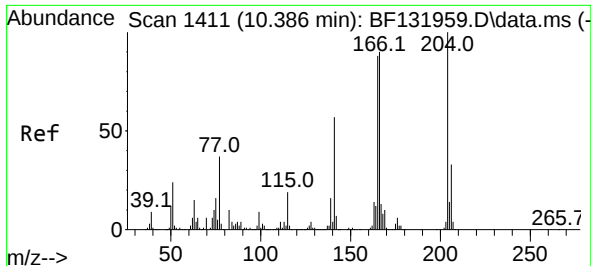


#60
Diethylphthalate
Concen: 36.546 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



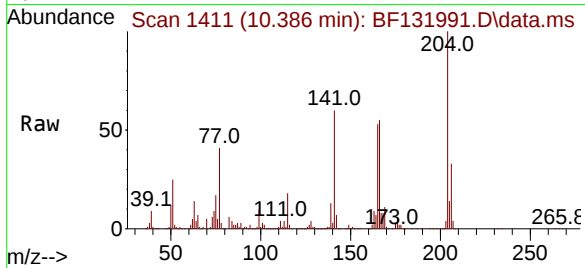
Tgt Ion:149 Resp: 790547
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 35.549 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

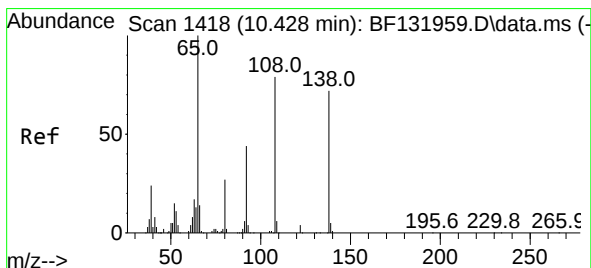
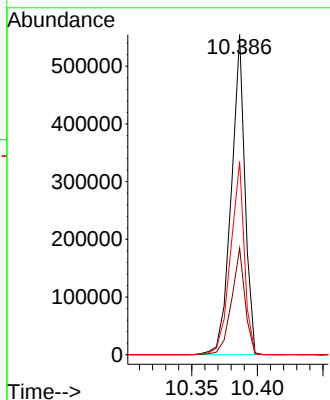
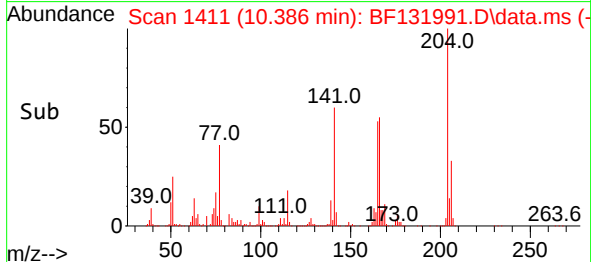
Instrument :
BNA_F
ClientSampleId :
PB150009BS



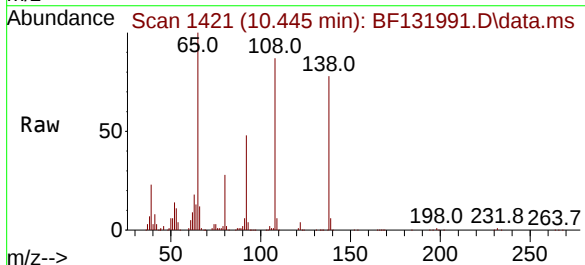
Tgt Ion:204 Resp: 403558
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 60.4 45.6 68.4

Manual Integrations
APPROVED

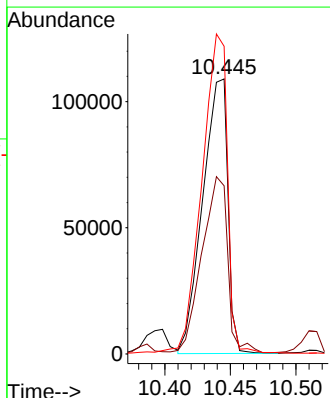
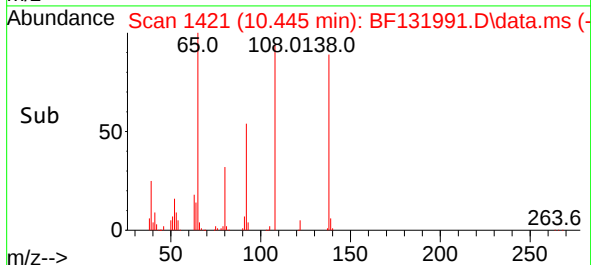
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

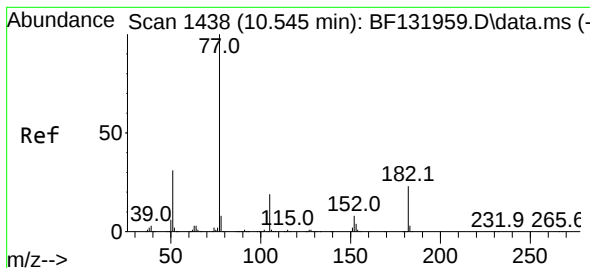


#62
4-Nitroaniline
Concen: 35.978 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.017 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



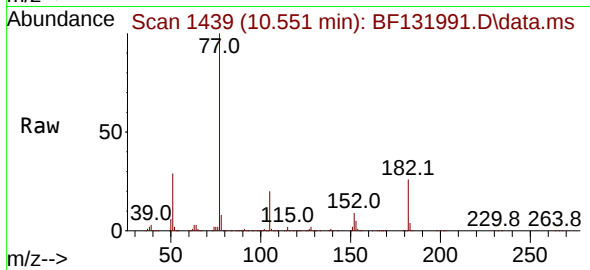
Tgt Ion:138 Resp: 145220
Ion Ratio Lower Upper
138 100
92 61.2 41.3 81.3
108 111.9 89.8 129.8





#63
Azobenzene
Concen: 35.103 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

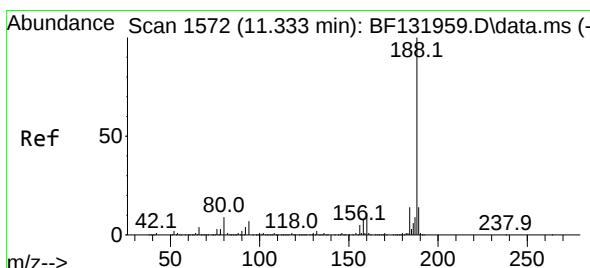
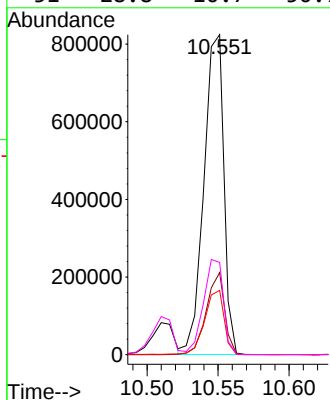
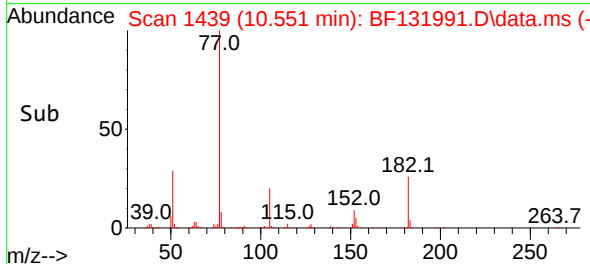
Instrument :
BNA_F
ClientSampleId :
PB150009BS



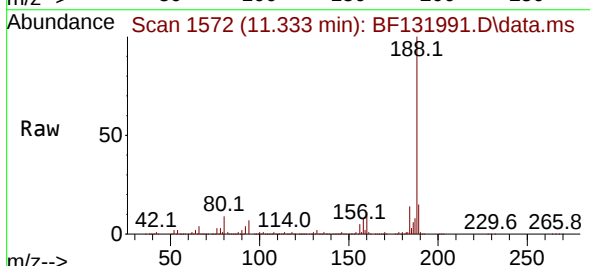
Tgt Ion: 77 Resp: 805494
Ion Ratio Lower Upper
77 100
182 25.6 2.9 42.9
105 20.1 0.0 39.3
51 28.8 10.7 50.7

Manual Integrations
APPROVED

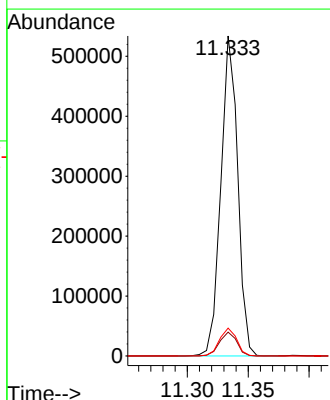
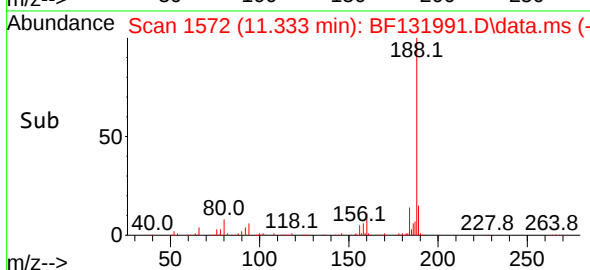
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

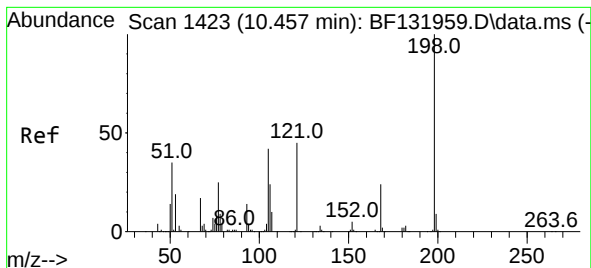


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:188 Resp: 514842
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.7 7.4 11.0





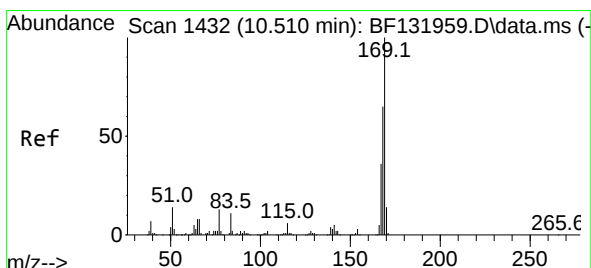
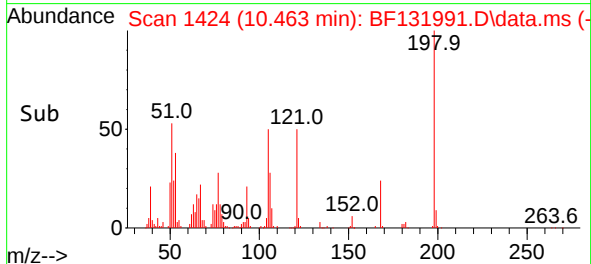
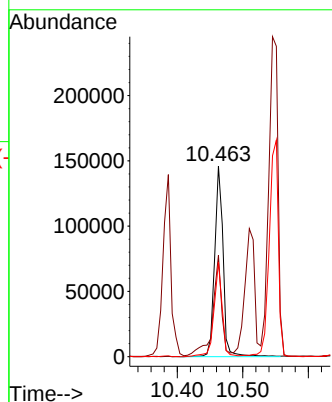
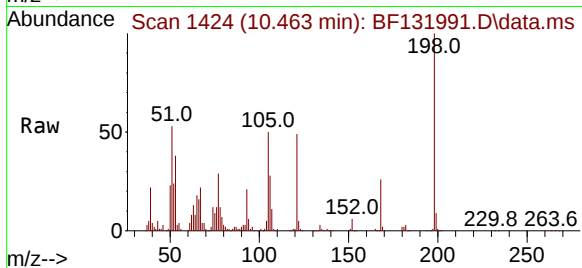
#65
4,6-Dinitro-2-methylphenol
Concen: 39.465 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion:198 Resp: 131029
Ion Ratio Lower Upper
198 100
51 53.1 21.4 61.4
105 49.7 23.0 63.0

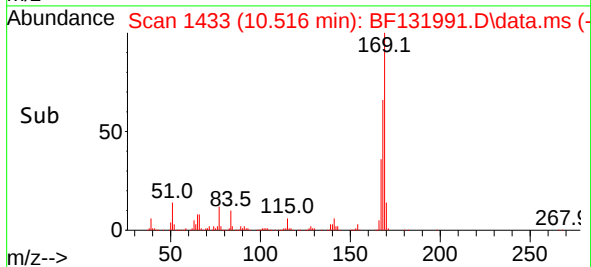
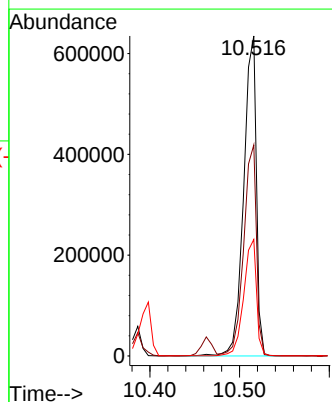
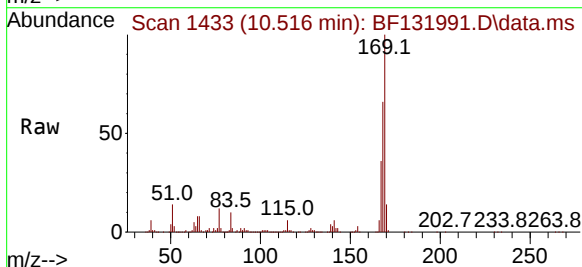
Manual Integrations
APPROVED

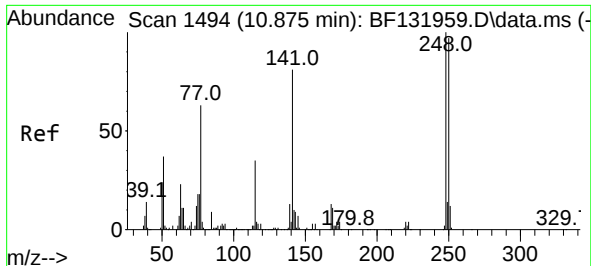
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#66
n-Nitrosodiphenylamine
Concen: 38.629 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

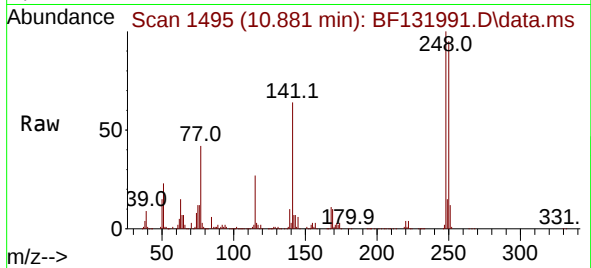
Tgt Ion:169 Resp: 623948
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.545 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

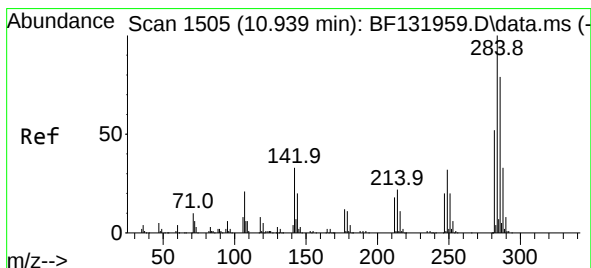
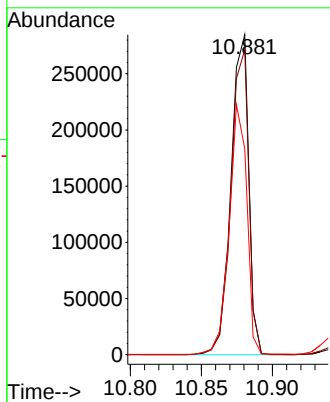
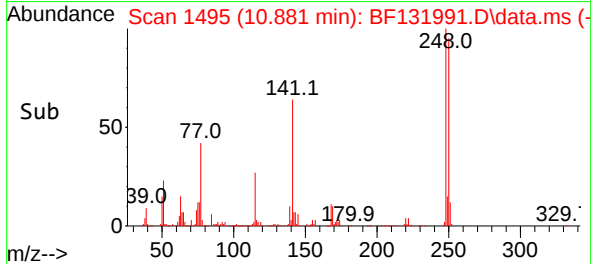
Instrument :
BNA_F
ClientSampleId :
PB150009BS



Tgt Ion:248 Resp: 248254
Ion Ratio Lower Upper
248 100
250 95.3 77.4 116.2
141 64.4 65.0 97.6

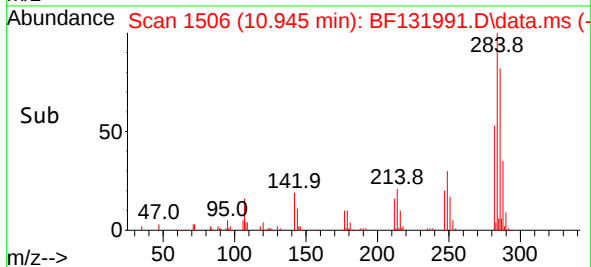
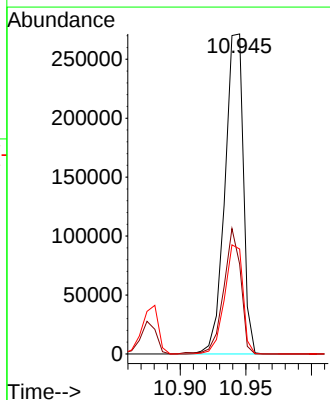
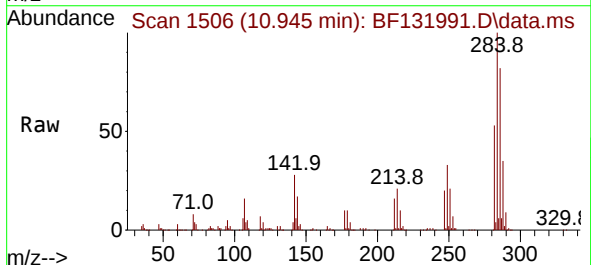
Manual Integrations
APPROVED

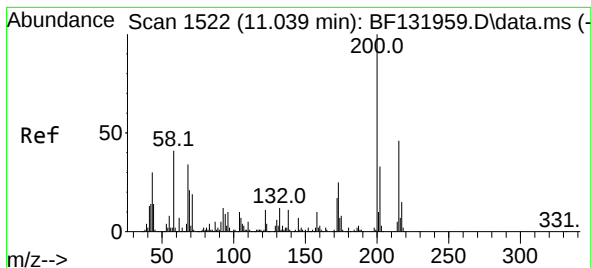
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#68
Hexachlorobenzene
Concen: 40.705 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:284 Resp: 265203
Ion Ratio Lower Upper
284 100
142 28.1 26.4 39.6
249 32.8 25.4 38.2





#69

Atrazine

Concen: 42.839 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF131991.D

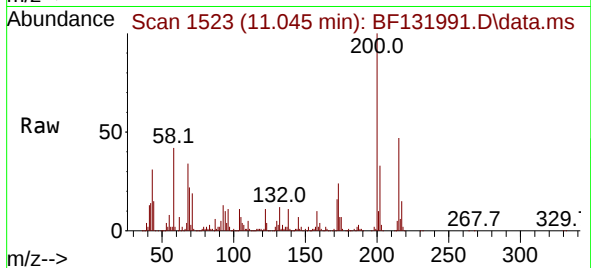
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS



Tgt Ion:200 Resp: 251630

Ion Ratio Lower Upper

200 100

173 24.4 5.1 45.1

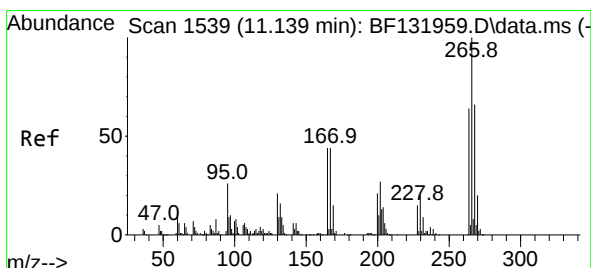
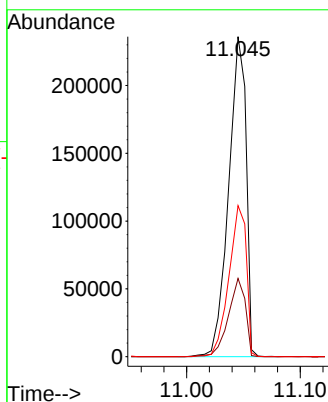
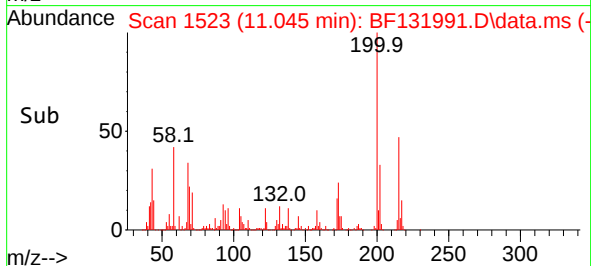
215 47.2 25.6 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#70

Pentachlorophenol

Concen: 65.994 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

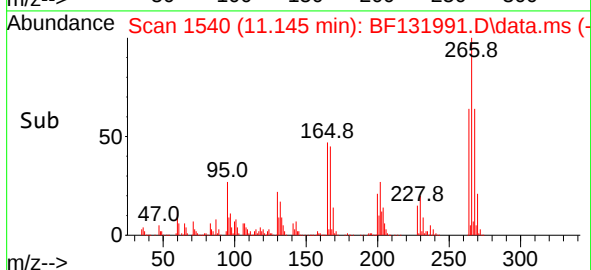
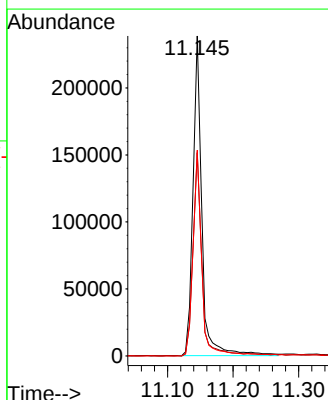
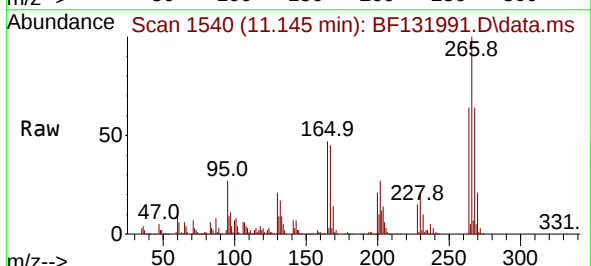
Tgt Ion:266 Resp: 226483

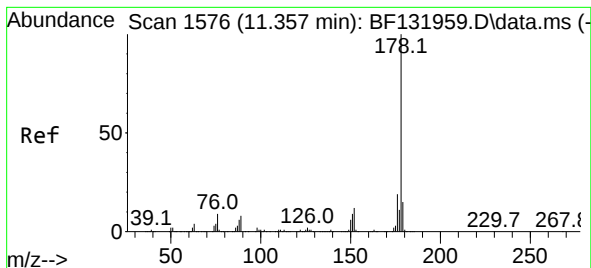
Ion Ratio Lower Upper

266 100

268 63.5 52.7 79.1

264 64.3 51.6 77.4





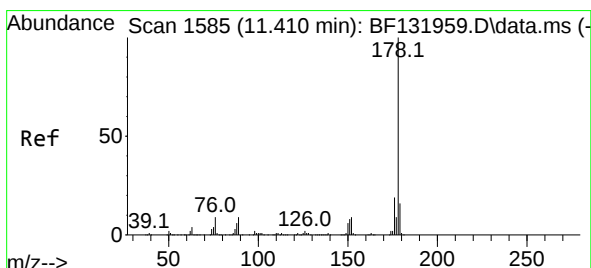
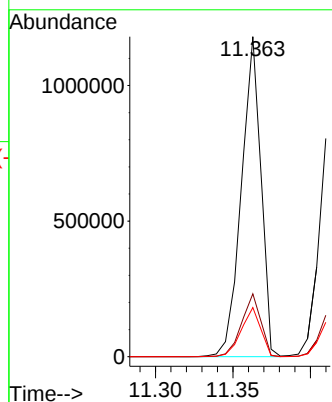
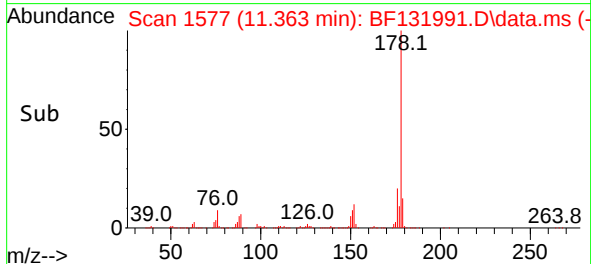
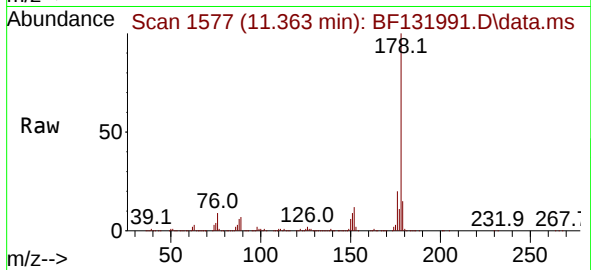
#71
Phenanthrene
Concen: 38.518 ng
RT: 11.363 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion:178 Resp: 1033792
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.3 12.4 18.6

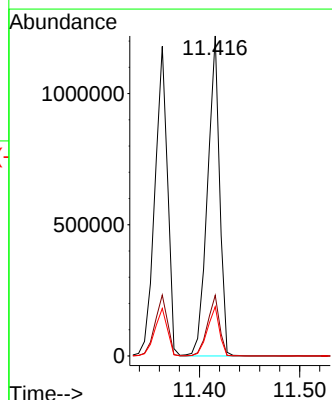
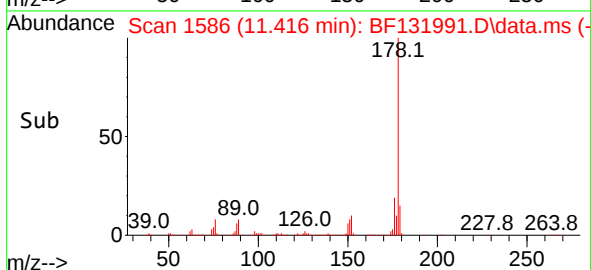
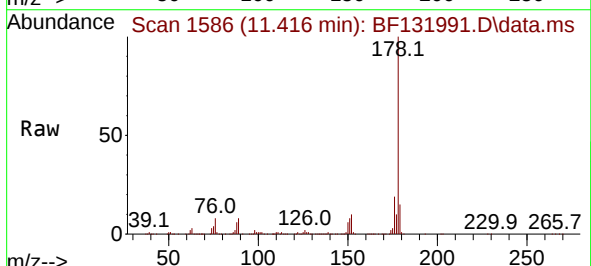
Manual Integrations
APPROVED

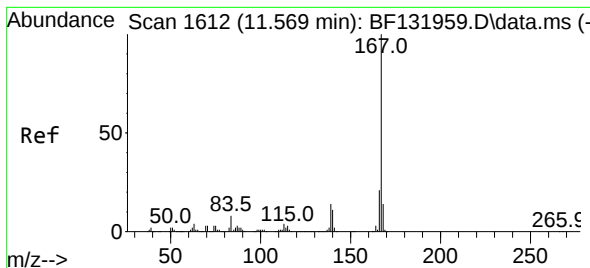
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#72
Anthracene
Concen: 37.216 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:178 Resp: 1028254
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.6 19.0





#73

Carbazole

Concen: 38.001 ng

RT: 11.575 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF131991.D

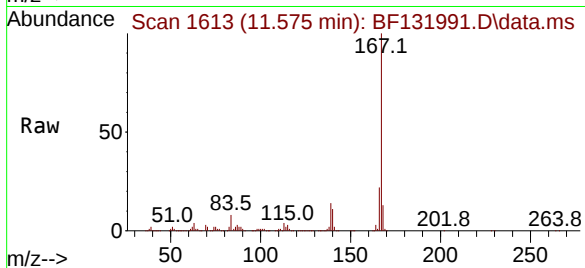
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS



Tgt Ion:167 Resp: 869244

Ion Ratio Lower Upper

167 100

166 21.6 16.8 25.2

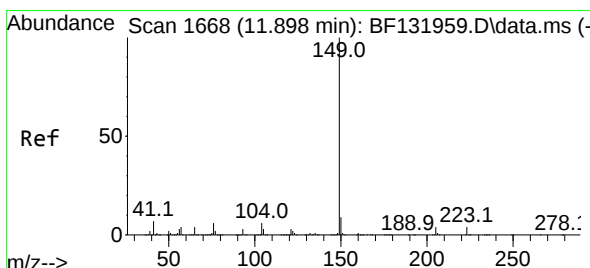
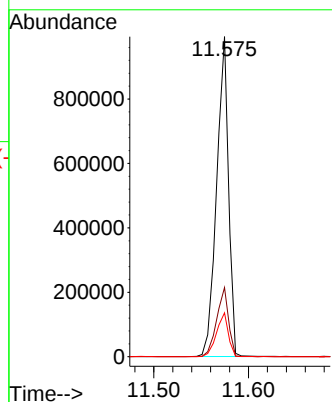
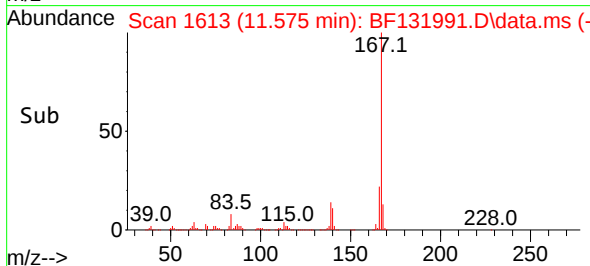
139 13.7 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#74

Di-n-butylphthalate

Concen: 37.740 ng

RT: 11.898 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

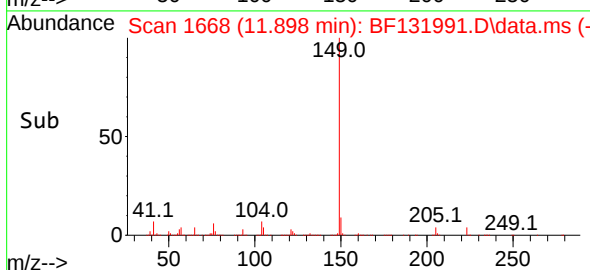
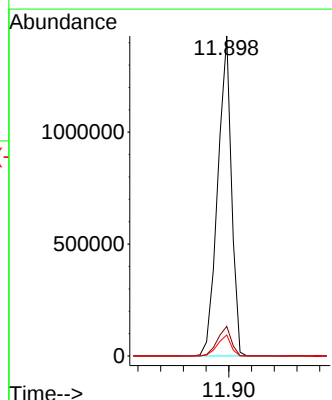
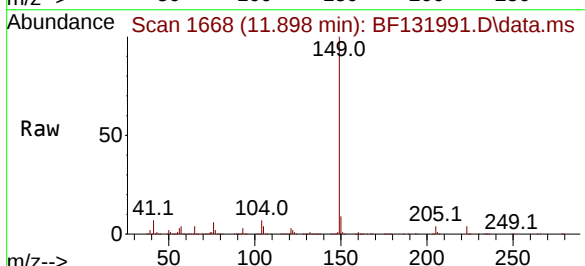
Tgt Ion:149 Resp: 1202053

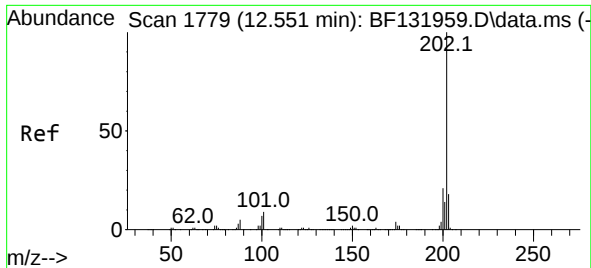
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.5 5.0 7.6





#75
Fluoranthene
Concen: 36.761 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

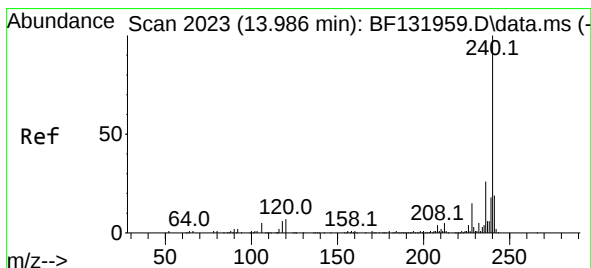
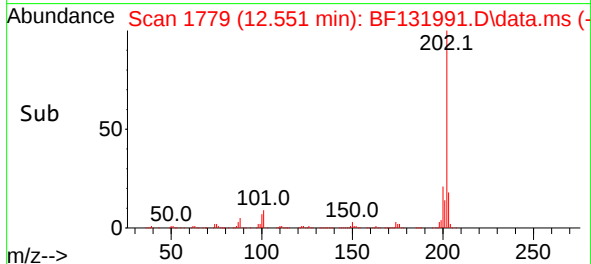
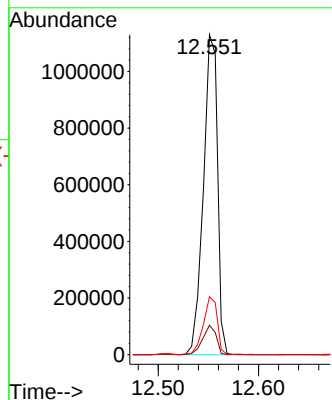
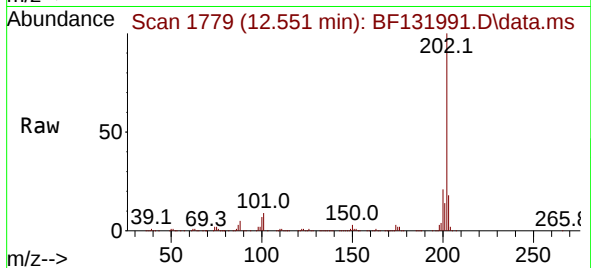
PB150009BS

Tgt Ion:202 Resp: 1109590
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.8
203 18.1 0.0 37.6

Manual Integrations

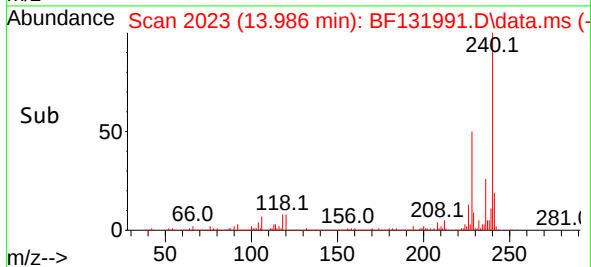
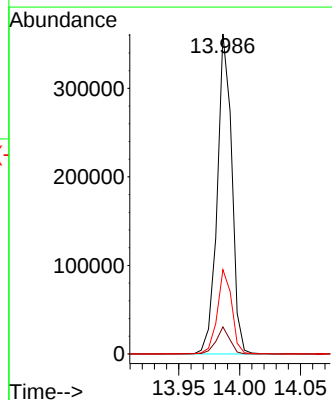
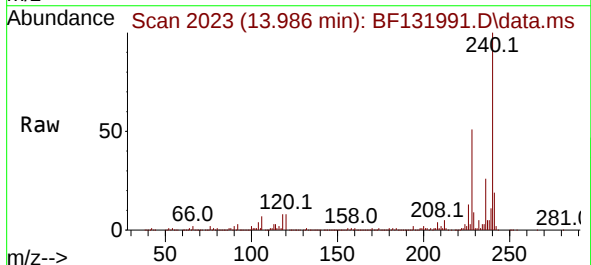
APPROVED

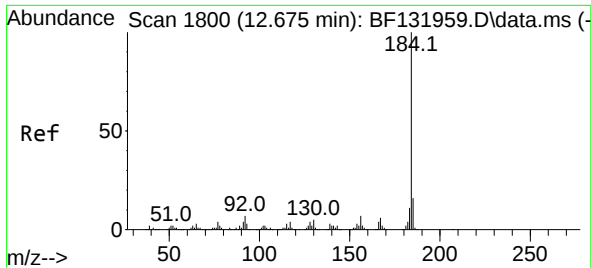
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:240 Resp: 300279
Ion Ratio Lower Upper
240 100
120 8.5 5.4 8.0#
236 26.3 21.1 31.7





#77
Benzidine
Concen: 22.376 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

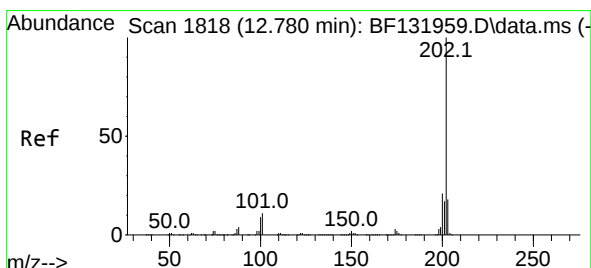
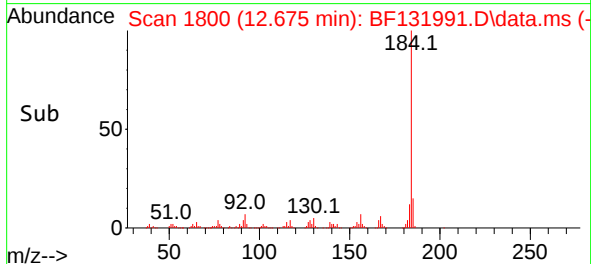
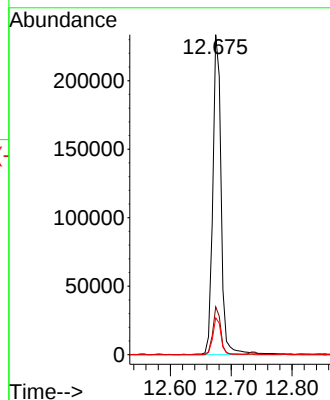
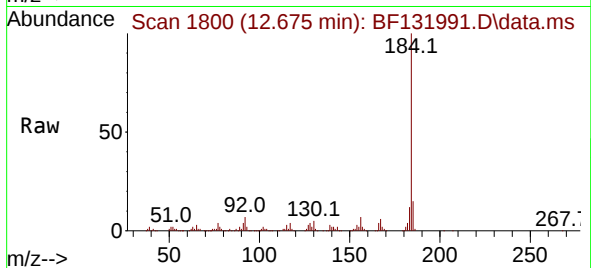
PB150009BS

Tgt Ion:184 Resp: 22321
Ion Ratio Lower Upper
184 100
185 15.0 12.8 19.2
183 11.5 9.0 13.4

Manual Integrations

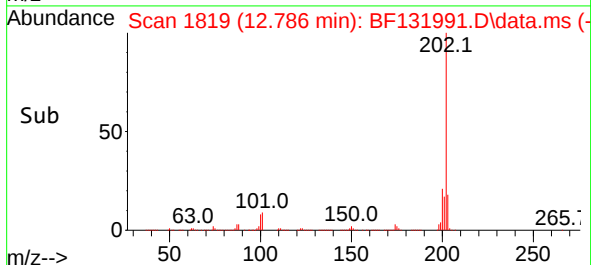
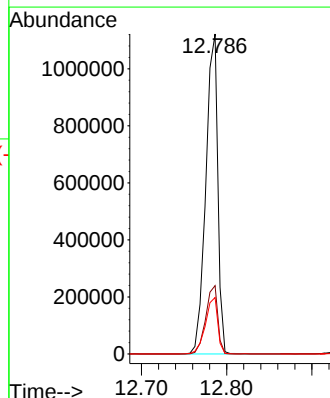
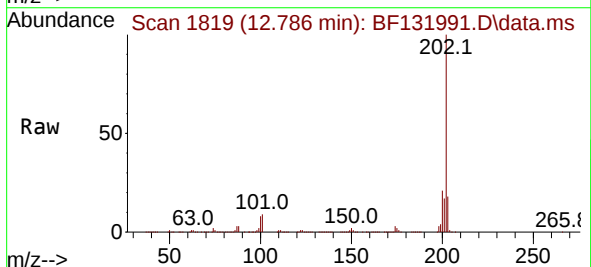
APPROVED

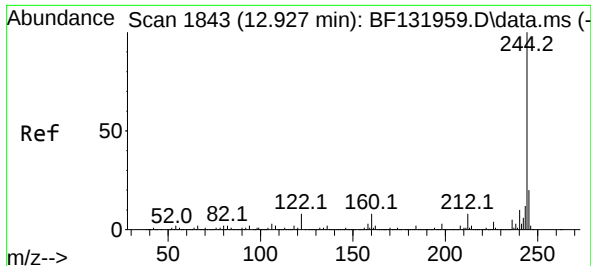
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#78
Pyrene
Concen: 39.913 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:202 Resp: 1093113
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.7 14.1 21.1





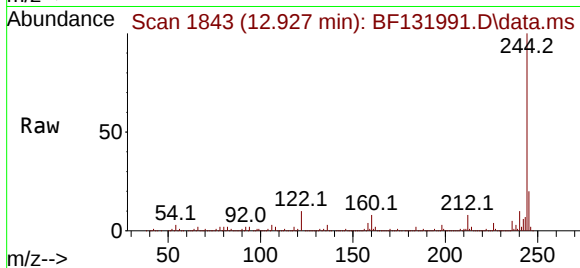
#79
 Terphenyl-d14
 Concen: 80.719 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF131991.D
 Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

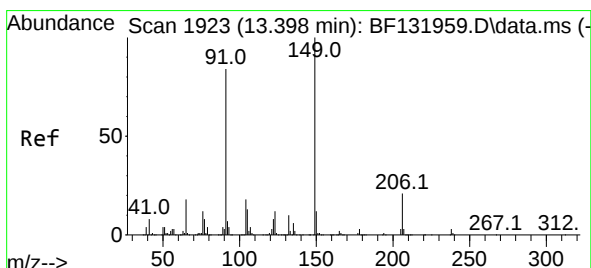
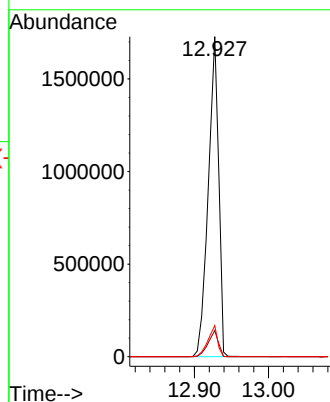
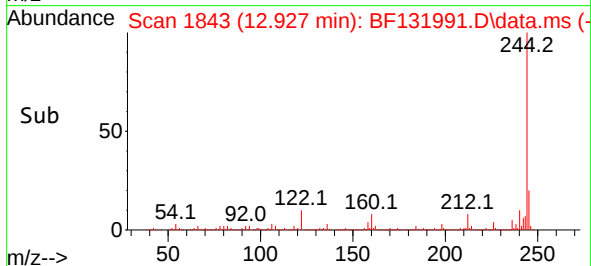


Tgt Ion:244 Resp: 1691117
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.7 6.8 10.2

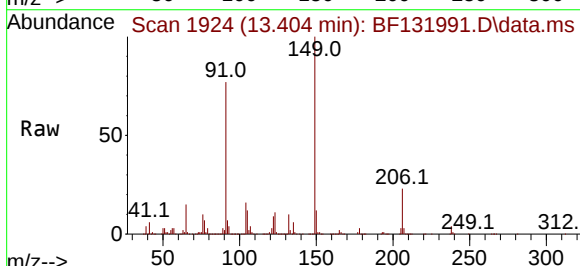
Manual Integrations

APPROVED

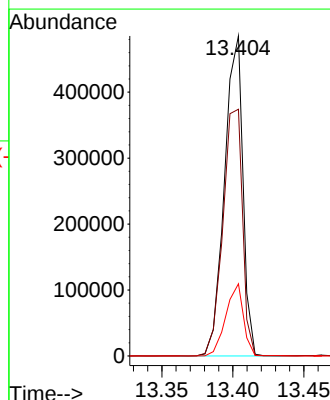
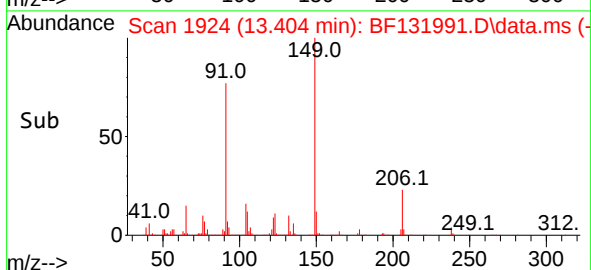
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023

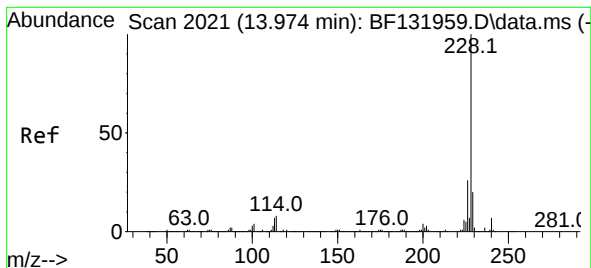


#80
 Butylbenzylphthalate
 Concen: 39.410 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF131991.D
 Acq: 10 Jan 2023 11:31



Tgt Ion:149 Resp: 435665
 Ion Ratio Lower Upper
 149 100
 91 77.1 67.0 100.4
 206 22.6 16.9 25.3





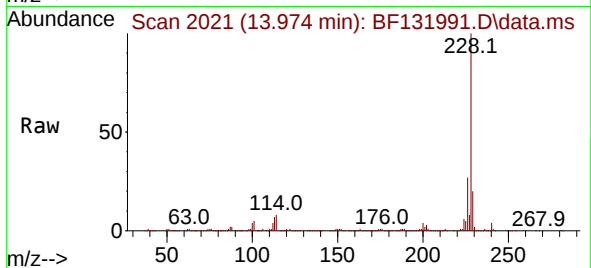
#81
Benzo(a)anthracene
Concen: 37.212 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

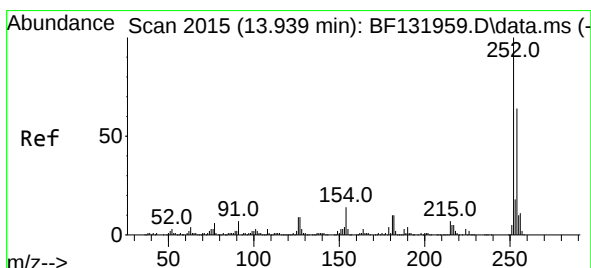
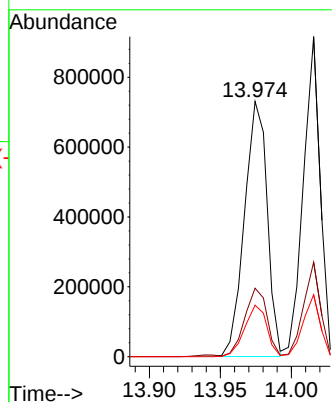
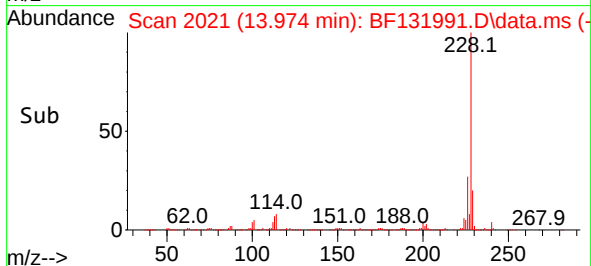


Tgt Ion:228 Resp: 81294
Ion Ratio Lower Upper
228 100
226 26.9 21.0 31.4
229 20.2 15.8 23.6

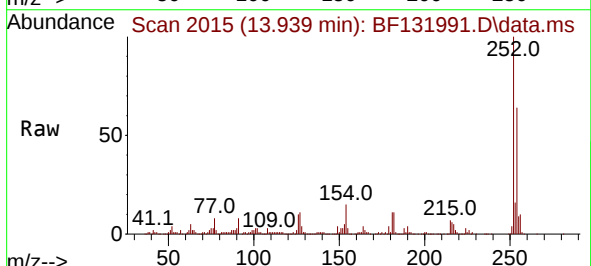
Manual Integrations

APPROVED

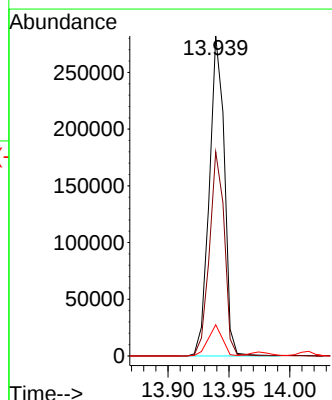
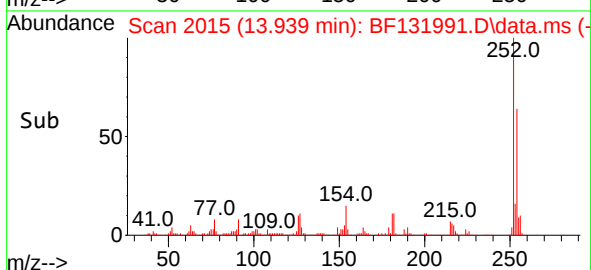
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

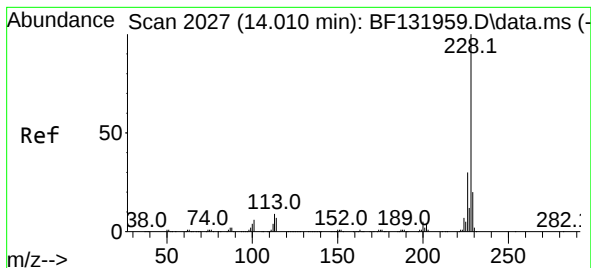


#82
3,3'-Dichlorobenzidine
Concen: 35.503 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31



Tgt Ion:252 Resp: 242066
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 9.7 6.9 10.3





#83

Chrysene

Concen: 37.045 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

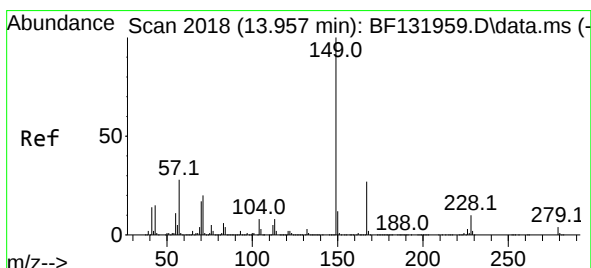
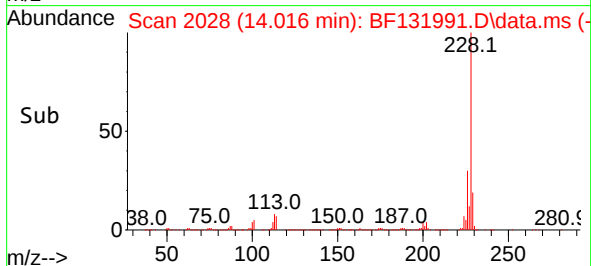
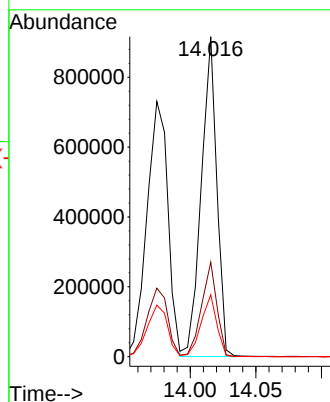
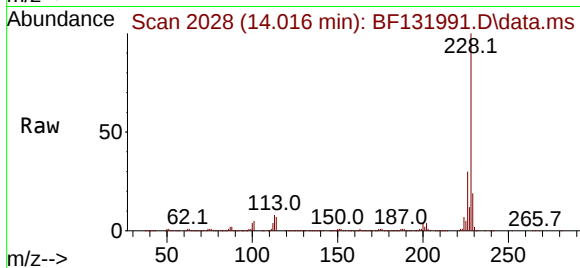
PB150009BS

Tgt Ion:	228	Resp:	75634
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	19.4	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.697 ng

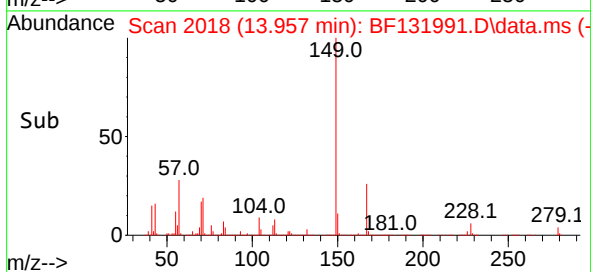
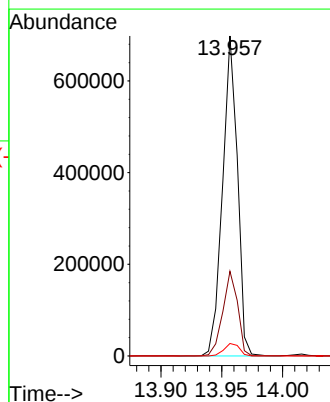
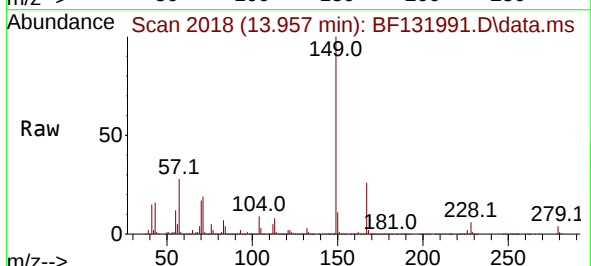
RT: 13.957 min Scan# 2018

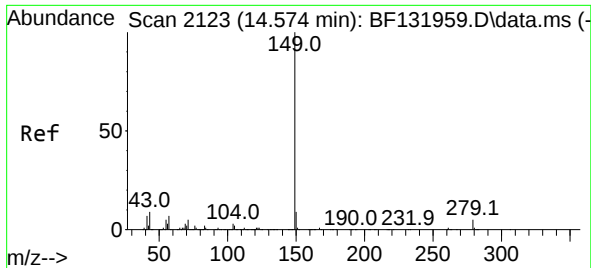
Delta R.T. -0.000 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Tgt Ion:	149	Resp:	594522
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 39.092 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

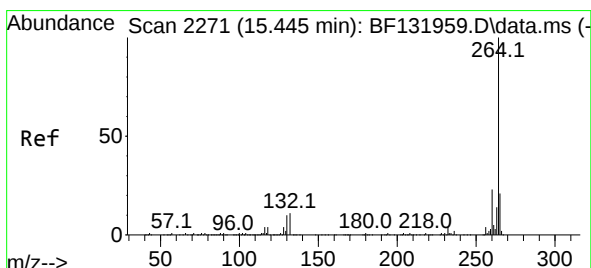
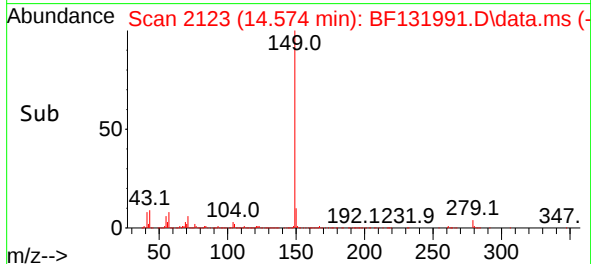
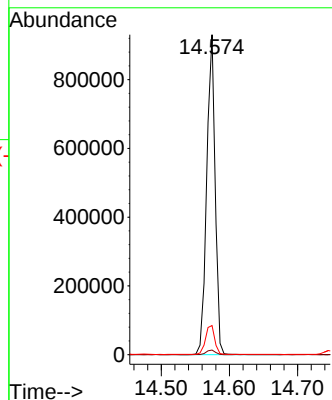
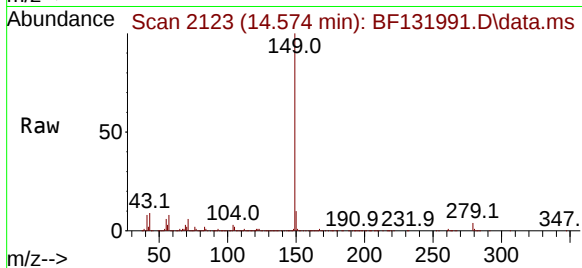
PB150009BS

Tgt Ion:149 Resp: 80115
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 7.8 11.6

Manual Integrations

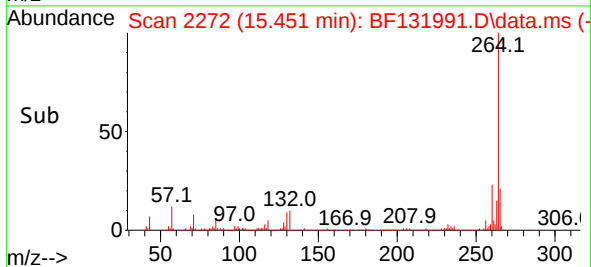
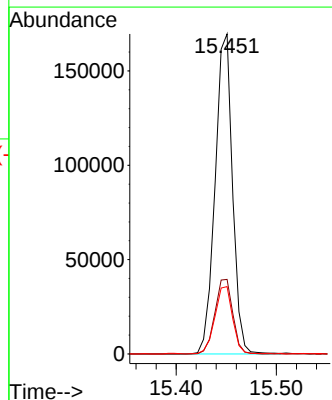
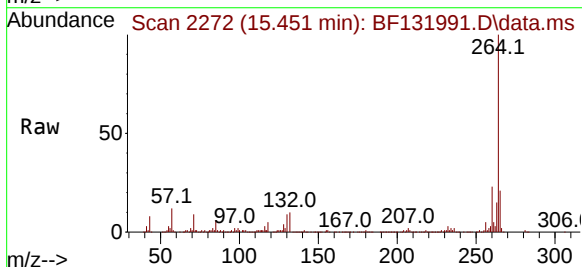
APPROVED

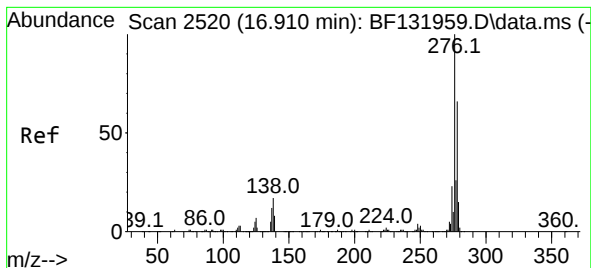
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:264 Resp: 204277
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 21.1 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.055 ng

RT: 16.921 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB150009BS

Tgt Ion:276 Resp: 589519

Ion Ratio Lower Upper

276 100

138 17.9 14.2 21.2

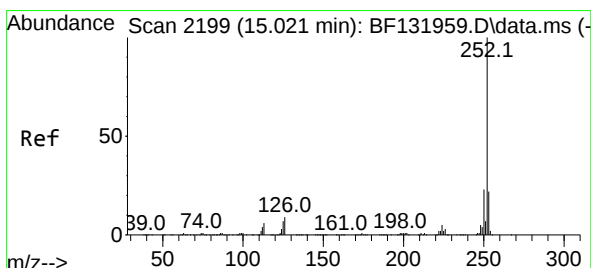
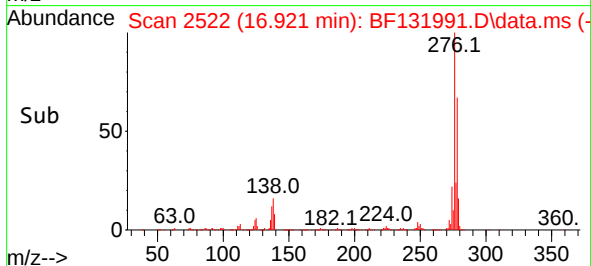
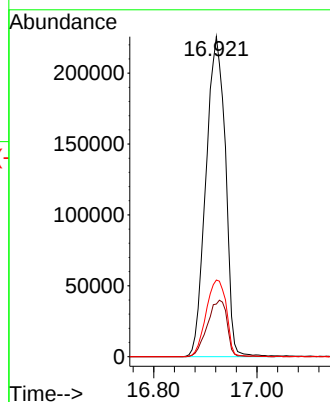
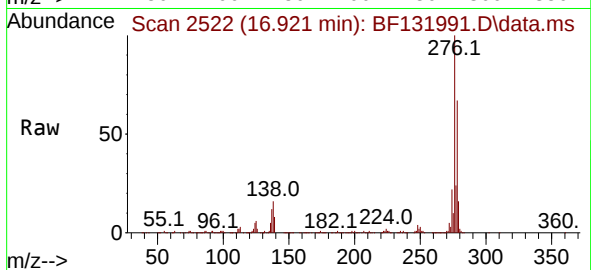
277 25.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#88

Benzo(b)fluoranthene

Concen: 44.912 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF131991.D

Acq: 10 Jan 2023 11:31

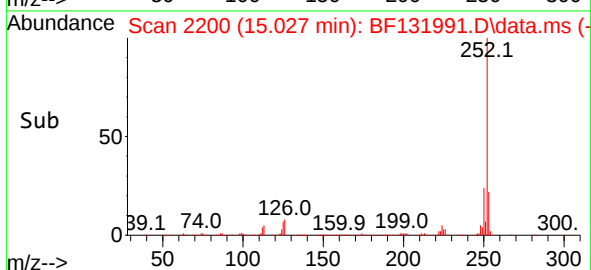
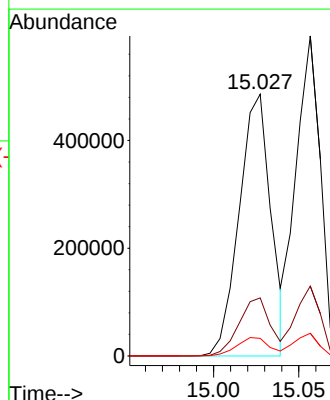
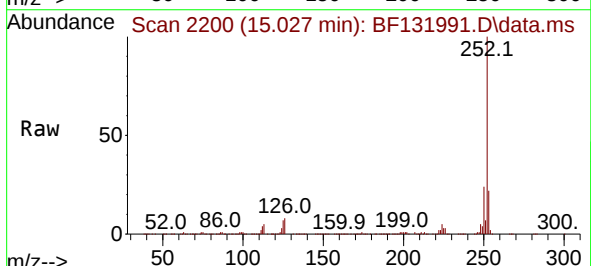
Tgt Ion:252 Resp: 629265

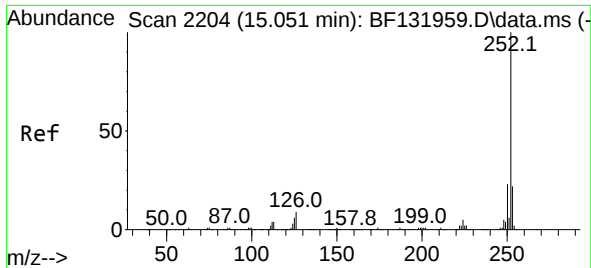
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 6.7 5.8 8.6





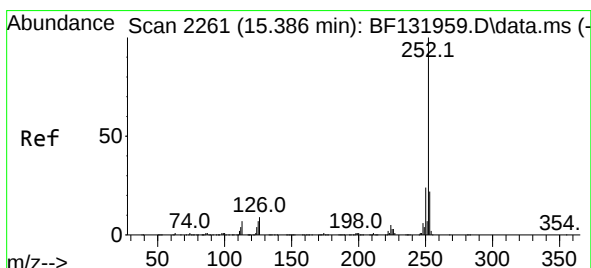
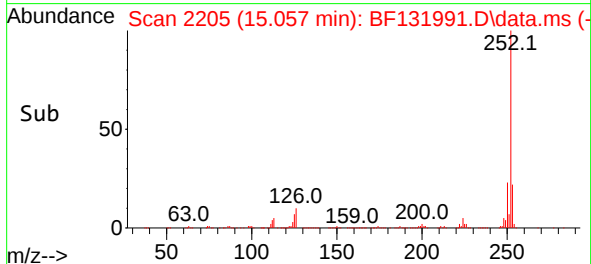
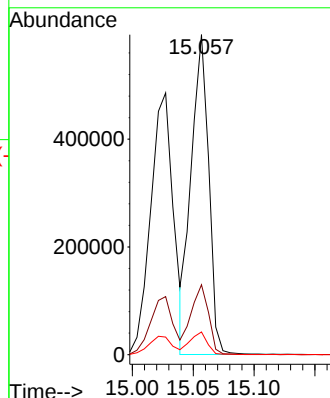
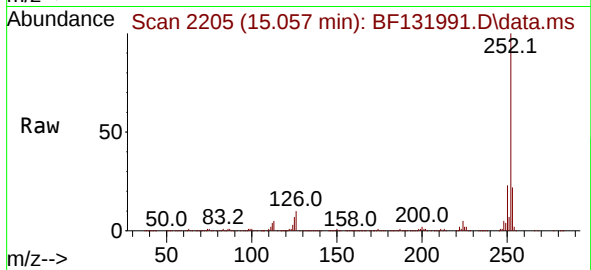
#89
Benzo(k)fluoranthene
Concen: 42.595 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB150009BS

Tgt Ion:252 Resp: 59560
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.1 5.2 7.8

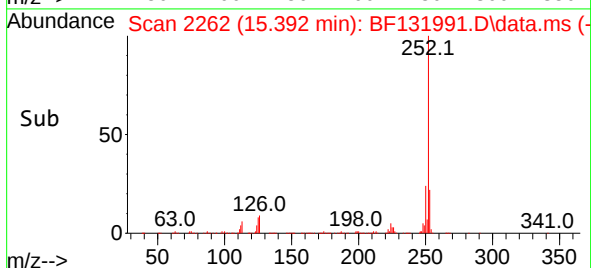
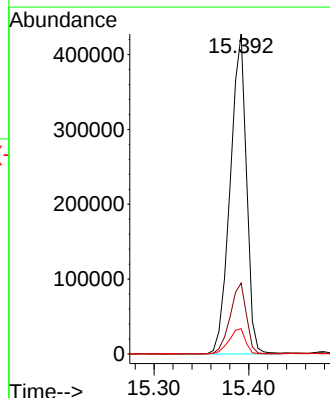
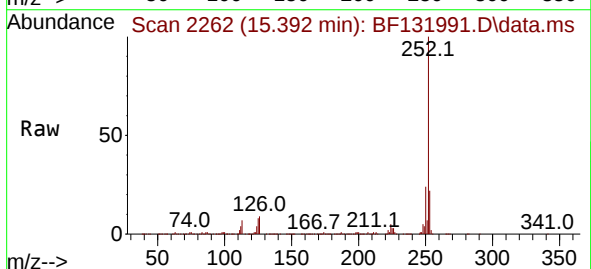
Manual Integrations
APPROVED

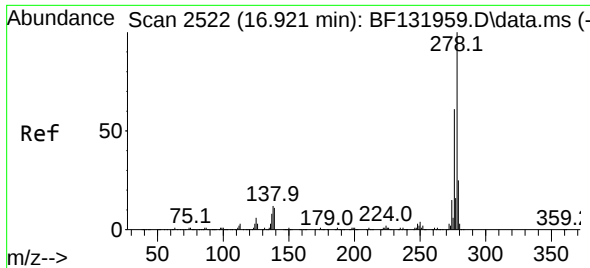
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#90
Benzo(a)pyrene
Concen: 40.413 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:252 Resp: 510163
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 7.9 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 48.890 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.018 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Instrument :

BNA_F

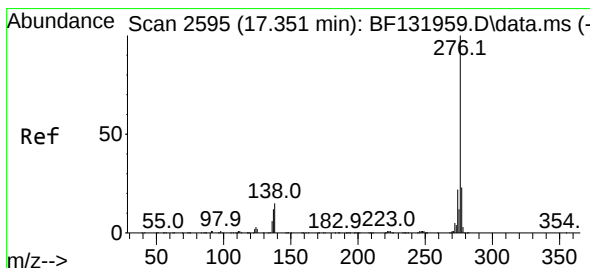
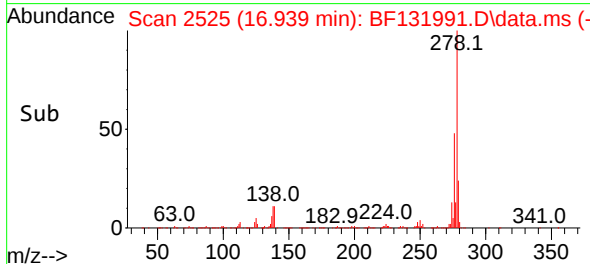
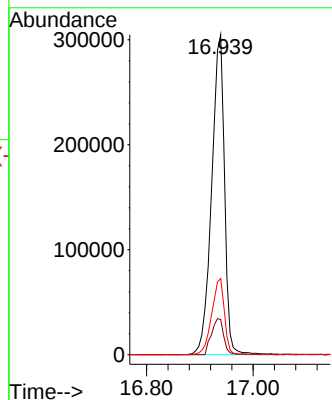
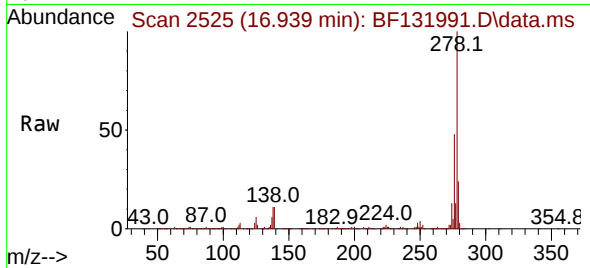
ClientSampleId :

PB150009BS

Tgt Ion:278 Resp: 51345
Ion Ratio Lower Upper
278 100
139 11.0 8.8 13.2
279 23.8 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#92
Benzo(g,h,i)perylene
Concen: 44.140 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.017 min
Lab File: BF131991.D
Acq: 10 Jan 2023 11:31

Tgt Ion:276 Resp: 492930
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.2
138 14.4 11.7 17.5

