

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131999.D
 Acq On : 10 Jan 2023 16:45
 Operator : CG\JU
 Sample : PB150165BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 00:36:41 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	6.781	152	86925	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	314061	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	188798	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	344065	20.000	ng	0.00
76) Chrysene-d12	13.980	240	196358	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	157389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	482547	91.473	ng	0.02
7) Phenol-d6	6.434	99	604228	86.388	ng	0.00
23) Nitrobenzene-d5	7.363	82	645262	85.272	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	170601	78.590	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1128906	80.720	ng	0.00
79) Terphenyl-d14	12.922	244	1234266	90.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	84615	36.726	ng	99
3) Pyridine	3.293	79	235040	36.349	ng	97
4) n-Nitrosodimethylamine	3.269	42	134220	44.166	ng	96
6) Aniline	6.451	93	283792	30.838	ng	# 76
8) 2-Chlorophenol	6.575	128	238008	44.969	ng	95
9) Benzaldehyde	6.334	77	116290	24.987	ng	98
10) Phenol	6.445	94	331009	42.423	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	250881	42.654	ng	95
12) 1,3-Dichlorobenzene	6.722	146	257889	43.746	ng	98
13) 1,4-Dichlorobenzene	6.804	146	263969	44.254	ng	97
14) 1,2-Dichlorobenzene	6.951	146	254309	44.891	ng	98
15) Benzyl Alcohol	6.940	79	263831	43.316	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	310102	41.777	ng	64
17) 2-Methylphenol	7.057	107	212627	40.595	ng	93
18) Hexachloroethane	7.292	117	108448	43.964	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	201968	39.918	ng	99
20) 3+4-Methylphenols	7.210	107	271666	40.400	ng	# 86
22) Acetophenone	7.204	105	394795	43.175	ng	98
24) Nitrobenzene	7.381	77	314680	40.848	ng	99
25) Isophorone	7.622	82	564184	39.910	ng	100
26) 2-Nitrophenol	7.692	139	130007	42.890	ng	95
27) 2,4-Dimethylphenol	7.740	122	211480	41.798	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	311966	39.873	ng	98
29) 2,4-Dichlorophenol	7.939	162	214861	41.460	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	249563	42.048	ng	99
31) Naphthalene	8.098	128	686563	41.366	ng	100
32) Benzoic acid	7.892	122	120173	40.969	ng	95
33) 4-Chloroaniline	8.151	127	172481	25.183	ng	98
34) Hexachlorobutadiene	8.210	225	172666	41.960	ng	98
35) Caprolactam	8.545	113	63899m	41.982	ng	
36) 4-Chloro-3-methylphenol	8.651	107	250063	41.112	ng	95
37) 2-Methylnaphthalene	8.792	142	467727	39.238	ng	98
38) 1-Methylnaphthalene	8.892	142	437903	39.651	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	265083	39.845	ng	99
41) Hexachlorocyclopentadiene	8.939	237	231128	70.953	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	164673	41.122	ng	99

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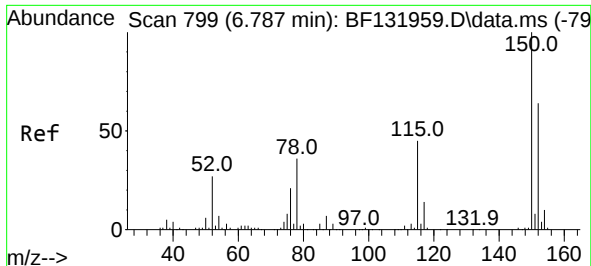
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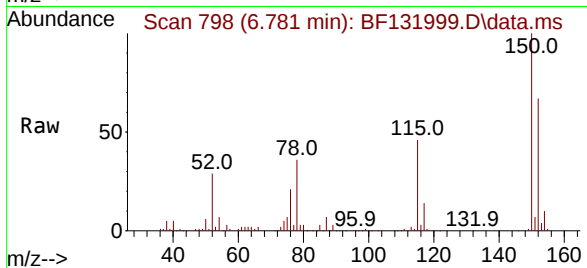
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	174343	37.397	ng	95
46) 1,1'-Biphenyl	9.257	154	589626	40.463	ng	99
47) 2-Chloronaphthalene	9.286	162	470795	41.626	ng	98
48) 2-Nitroaniline	9.392	65	167949	40.884	ng	96
49) Acenaphthylene	9.704	152	696461	39.682	ng	100
50) Dimethylphthalate	9.569	163	560006	38.053	ng	99
51) 2,6-Dinitrotoluene	9.634	165	122971	39.729	ng	88
52) Acenaphthene	9.875	154	416914	39.573	ng	98
53) 3-Nitroaniline	9.804	138	87559	29.158	ng	95
54) 2,4-Dinitrophenol	9.922	184	124345	80.011	ng	90
55) Dibenzofuran	10.045	168	644829	38.830	ng	98
56) 4-Nitrophenol	9.986	139	141896	83.890	ng	100
57) 2,4-Dinitrotoluene	10.039	165	165732	40.049	ng	94
58) Fluorene	10.392	166	517547	39.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	139571	40.179	ng	91
60) Diethylphthalate	10.269	149	536415	37.068	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	280647	36.955	ng	96
62) 4-Nitroaniline	10.428	138	102623	38.006	ng	93
63) Azobenzene	10.545	77	578814	37.706	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	89697	40.426	ng	87
66) n-Nitrosodiphenylamine	10.504	169	441923	40.940	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	168580	39.167	ng	91
68) Hexachlorobenzene	10.933	284	186070	42.735	ng	# 91
69) Atrazine	11.039	200	170741	43.496	ng	98
70) Pentachlorophenol	11.139	266	156867	68.238	ng	98
71) Phenanthrene	11.357	178	744034	41.482	ng	100
72) Anthracene	11.410	178	735904	39.855	ng	99
73) Carbazole	11.569	167	639108	41.808	ng	100
74) Di-n-butylphthalate	11.892	149	797153	37.450	ng	100
75) Fluoranthene	12.551	202	792197	39.272	ng	99
77) Benzidine	12.675	184	151968	23.296	ng	98
78) Pyrene	12.780	202	787905	43.995	ng	100
80) Butylbenzylphthalate	13.398	149	273646	37.855	ng	97
81) Benzo(a)anthracene	13.969	228	570099	39.907	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	148803	33.375	ng	98
83) Chrysene	14.010	228	528347	39.574	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	330842	33.782	ng	98
85) Di-n-octyl phthalate	14.568	149	469375	35.024	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	501203	51.924	ng	99
88) Benzo(b)fluoranthene	15.021	252	472353	43.757	ng	99
89) Benzo(k)fluoranthene	15.051	252	457367	42.453	ng	99
90) Benzo(a)pyrene	15.386	252	408284	41.978	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	425909	52.636	ng	98
92) Benzo(g,h,i)perylene	17.362	276	429256	49.430	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

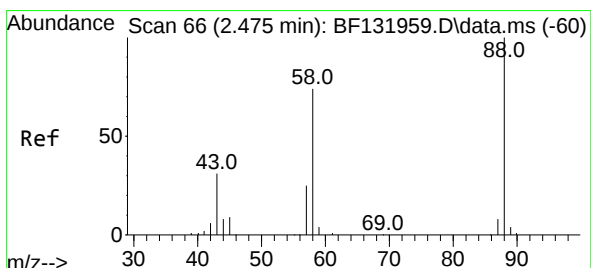
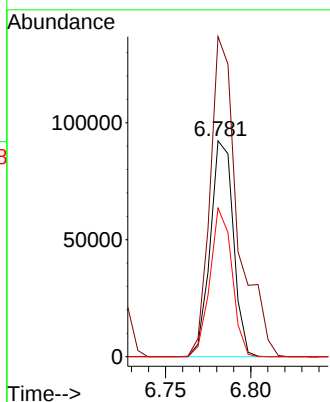
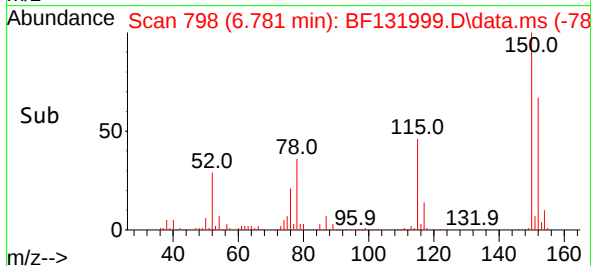
Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS



Tgt Ion:152 Resp: 86925
 Ion Ratio Lower Upper
 152 100
 150 148.3 124.6 186.8
 115 68.9 55.6 83.4

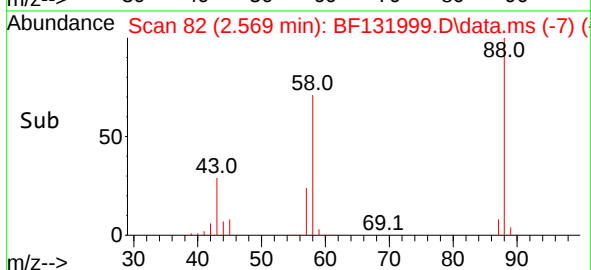
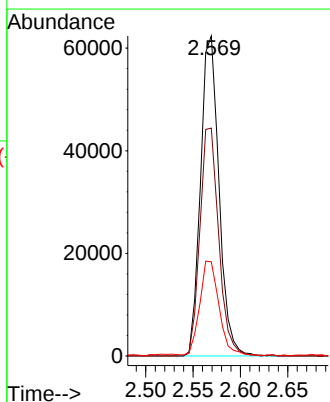
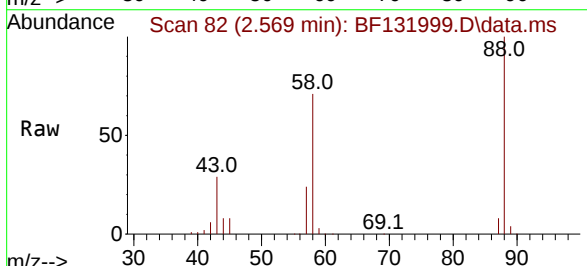
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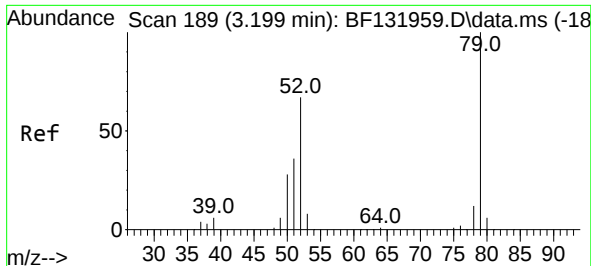
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023



#2
 1,4-Dioxane
 Concen: 36.726 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

Tgt Ion: 88 Resp: 84615
 Ion Ratio Lower Upper
 88 100
 58 72.7 59.0 88.4
 43 31.3 24.6 37.0





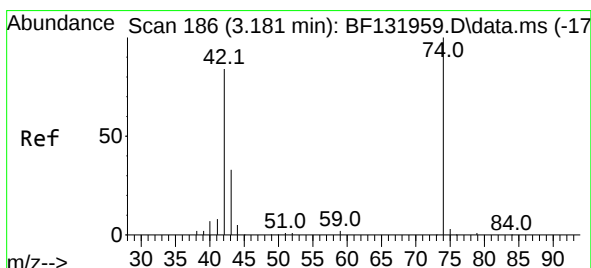
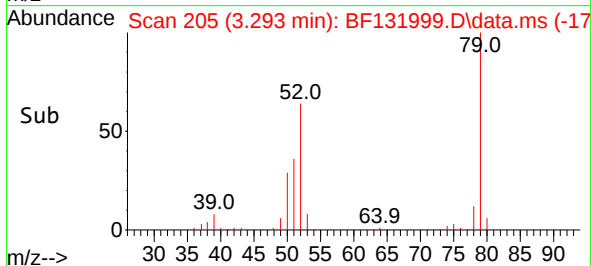
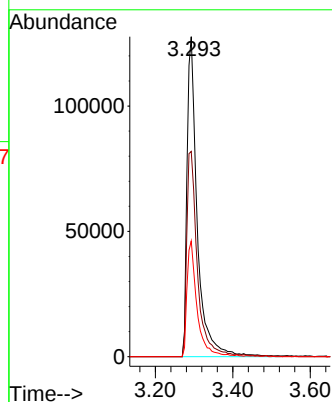
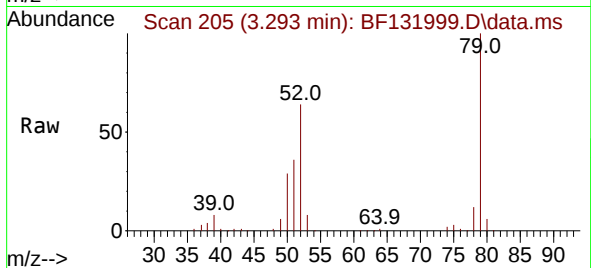
#3
Pyridine
Concen: 36.349 ng
RT: 3.293 min Scan# 201
Delta R.T. 0.094 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion: 79 Resp: 235040
Ion Ratio Lower Upper
79 100
52 64.2 53.7 80.5
51 36.2 28.6 43.0

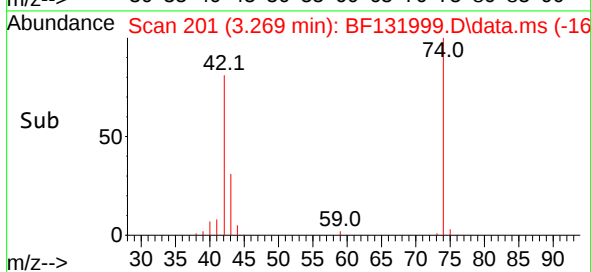
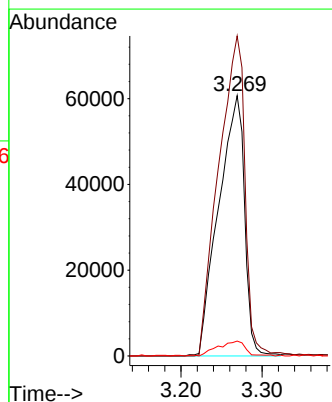
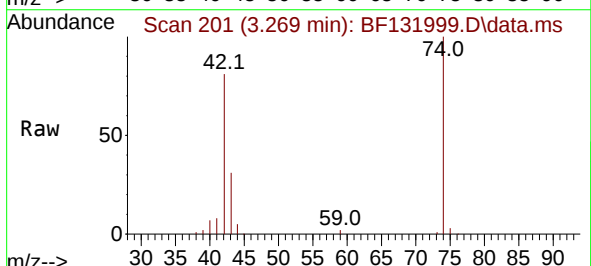
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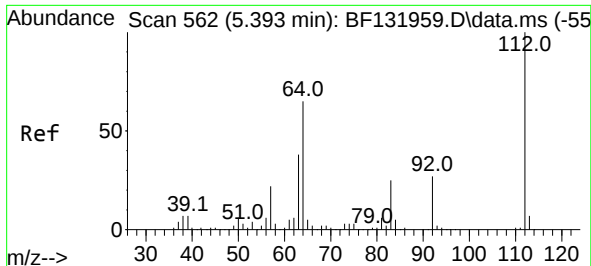
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#4
n-Nitrosodimethylamine
Concen: 44.166 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 42 Resp: 134220
Ion Ratio Lower Upper
42 100
74 122.9 94.8 142.2
44 5.7 4.5 6.7





#5
2-Fluorophenol
Concen: 91.473 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

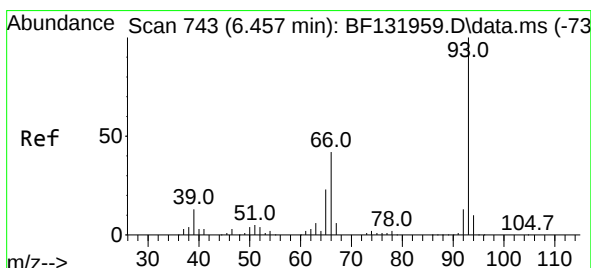
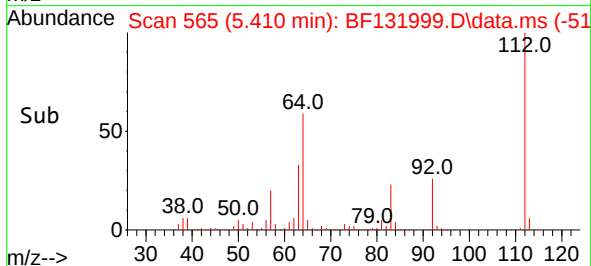
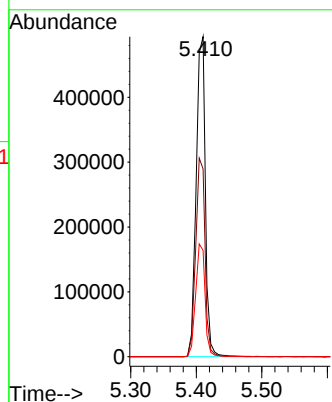
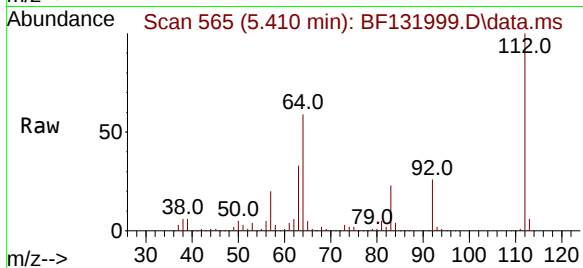
ClientSampleId :

PB150165BS

Tgt Ion:112 Resp: 48254
Ion Ratio Lower Upper
112 100
64 58.7 51.9 77.9
63 33.2 30.2 45.2

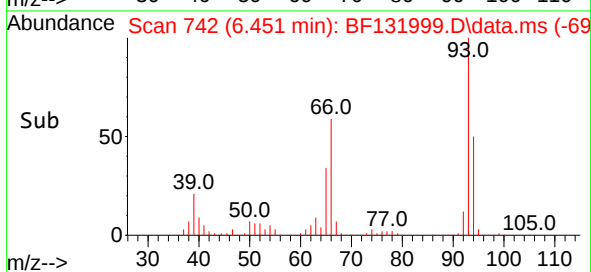
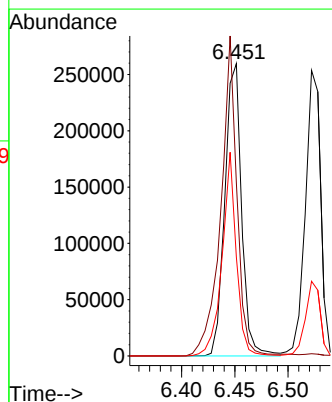
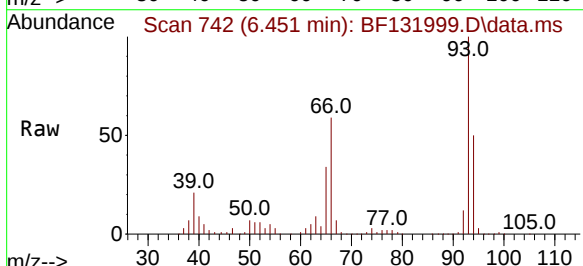
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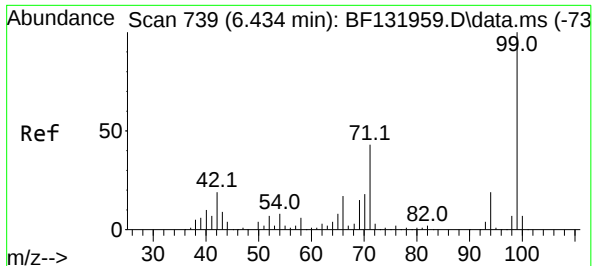
Reviewed By :Christian Giraldo 01/11/2023
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#6
Aniline
Concen: 30.838 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

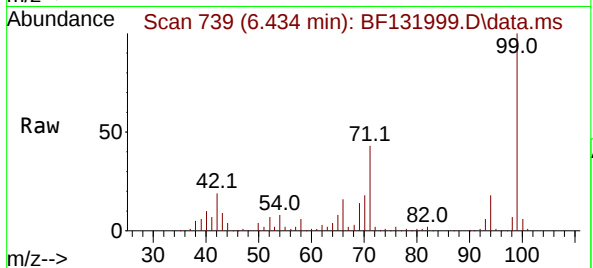
Tgt Ion: 93 Resp: 283792
Ion Ratio Lower Upper
93 100
66 59.2 34.6 51.8#
65 33.8 18.2 27.2#





#7
Phenol-d6
Concen: 86.388 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

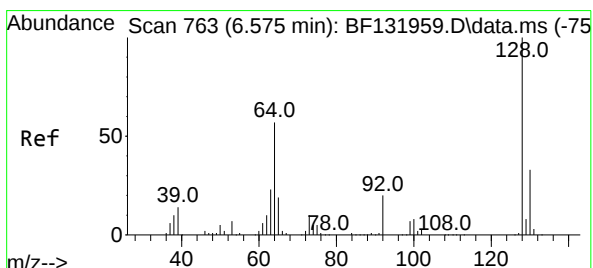
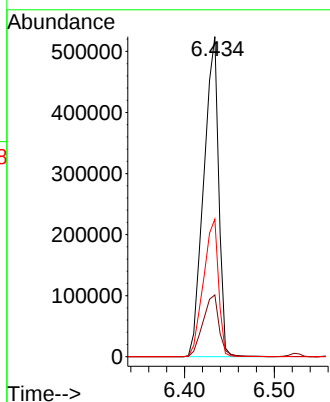
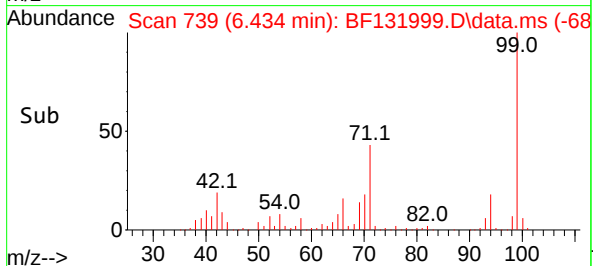
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ClientSampleId :
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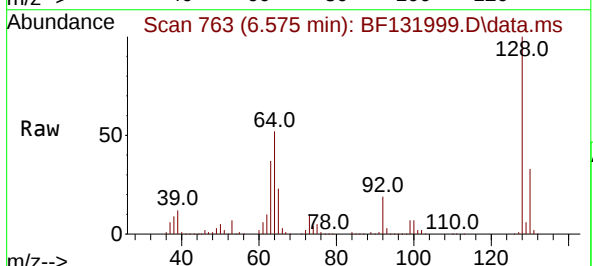
Tgt Ion: 99 Resp: 604228
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 43.0 34.6 51.8

Manual Integrations
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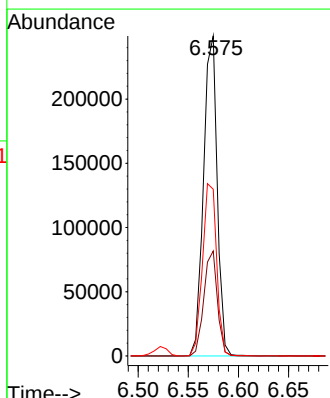
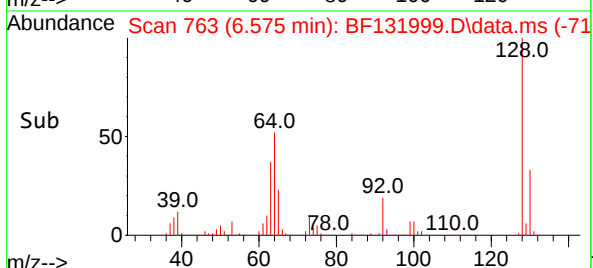
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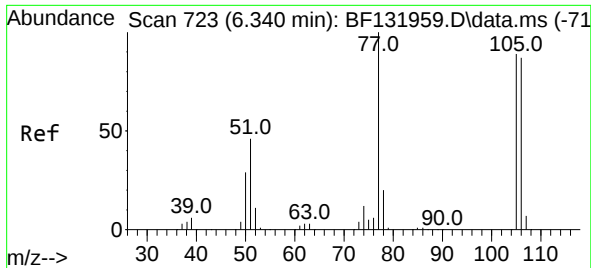


#8
2-Chlorophenol
Concen: 44.969 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



Tgt Ion:128 Resp: 238008
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 52.1 37.6 77.6





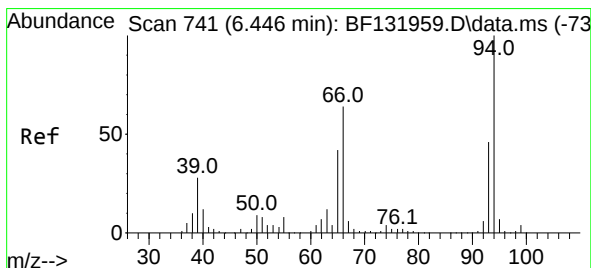
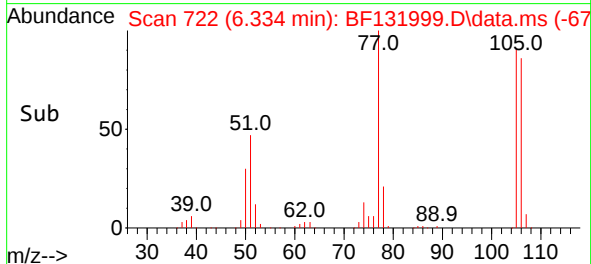
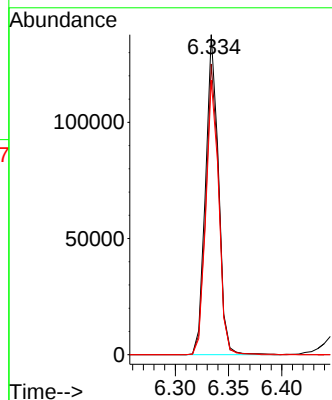
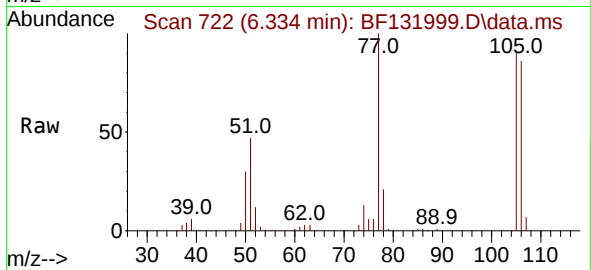
#9
Benzaldehyde
Concen: 24.987 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion: 77 Resp: 116290
Ion Ratio Lower Upper
77 100
105 90.9 69.0 109.0
106 85.8 67.0 107.0

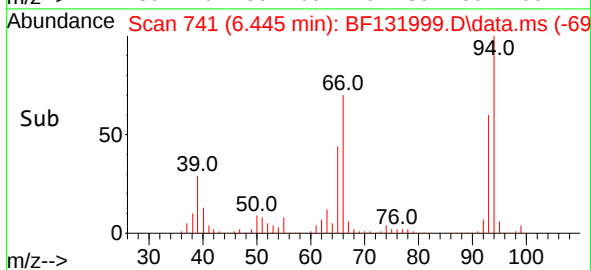
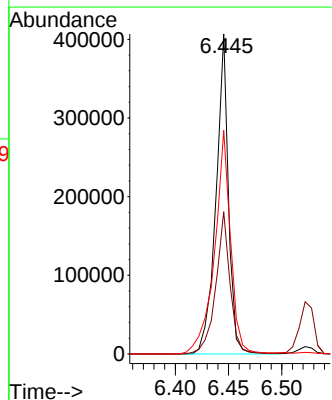
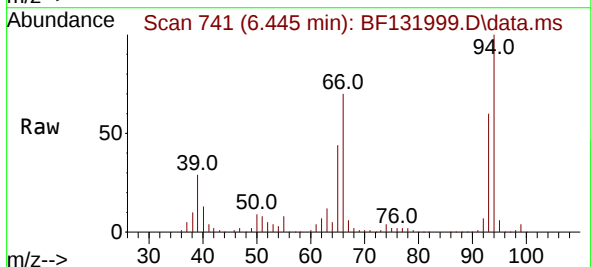
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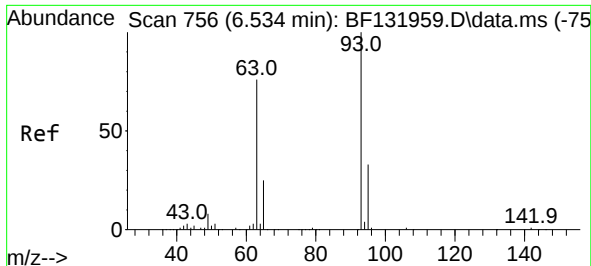
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#10
Phenol
Concen: 42.423 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 94 Resp: 331009
Ion Ratio Lower Upper
94 100
65 44.5 22.2 62.2
66 69.9 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 42.654 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion: 93 Resp: 25088

Ion Ratio Lower Upper

93 100

63 81.5 55.5 95.5

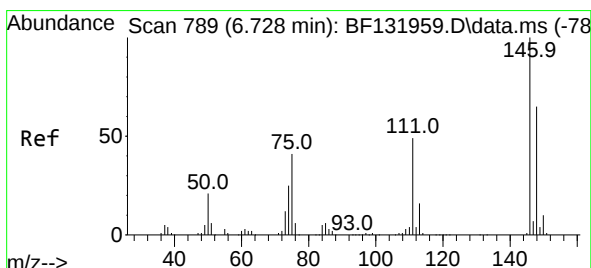
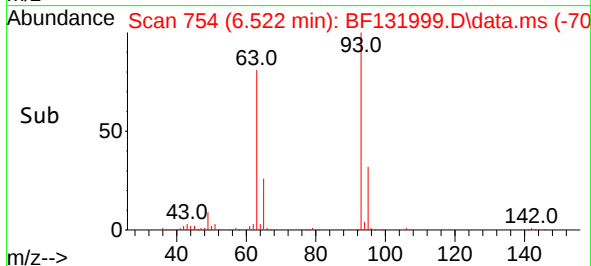
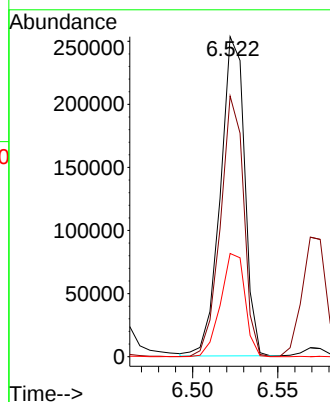
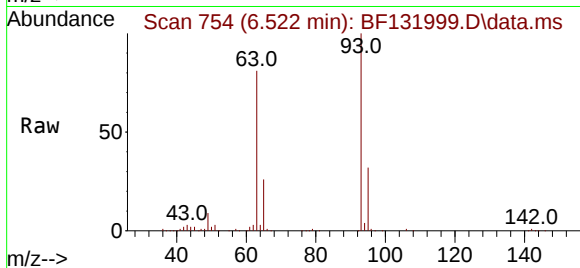
95 32.3 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#12

1,3-Dichlorobenzene

Concen: 43.746 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

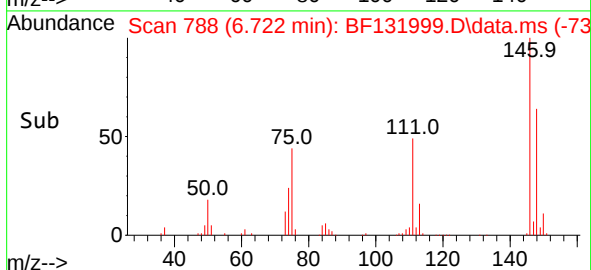
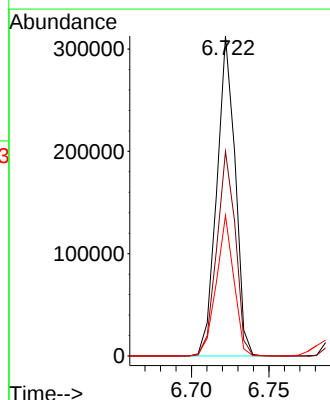
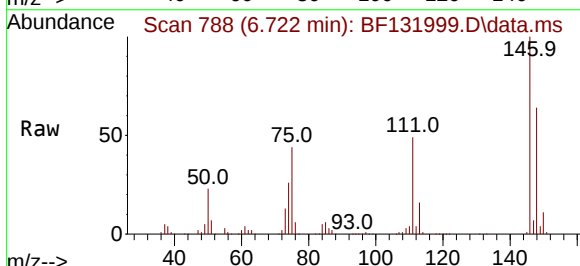
Tgt Ion:146 Resp: 257889

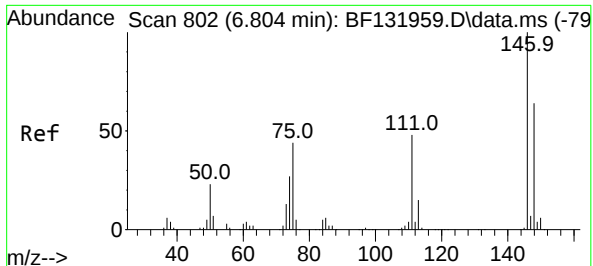
Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

75 43.9 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 44.254 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:146 Resp: 263969

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

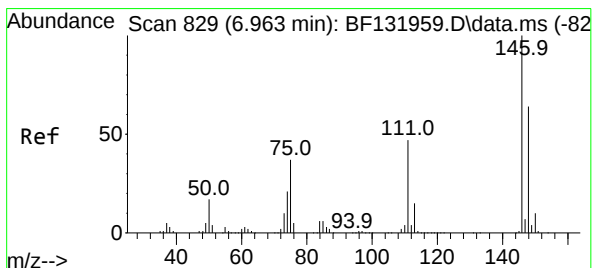
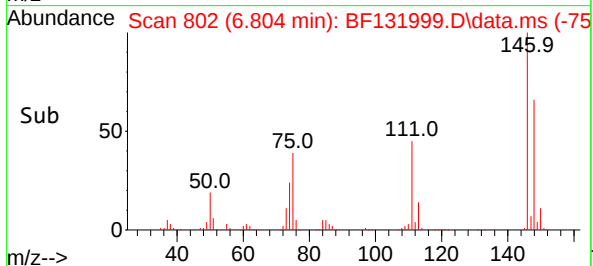
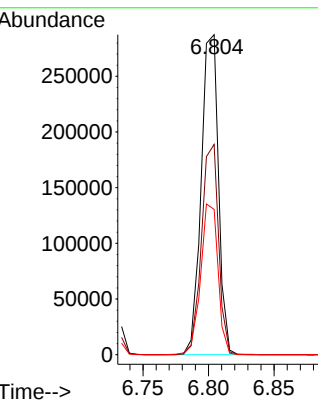
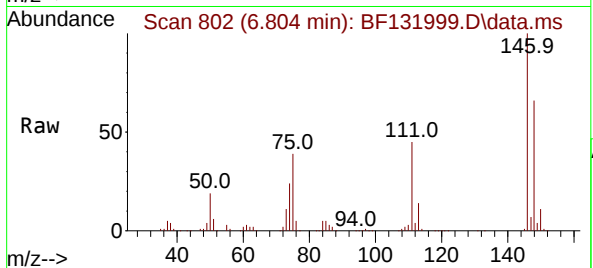
111 45.4 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#14

1,2-Dichlorobenzene

Concen: 44.891 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

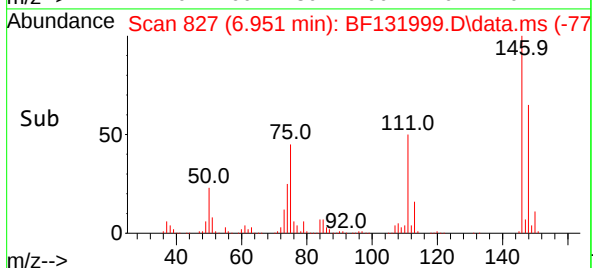
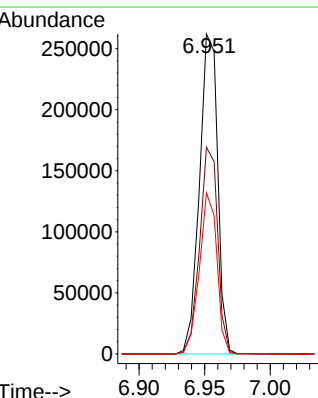
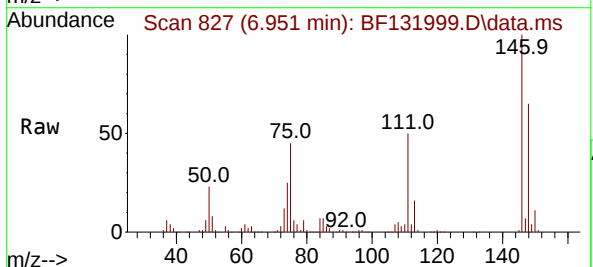
Tgt Ion:146 Resp: 254309

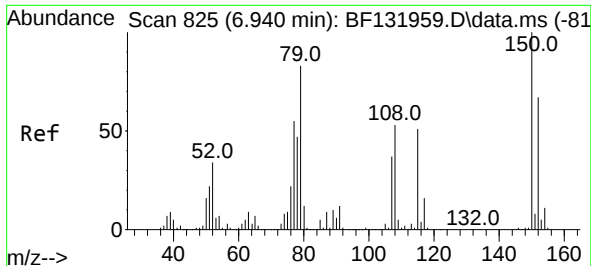
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

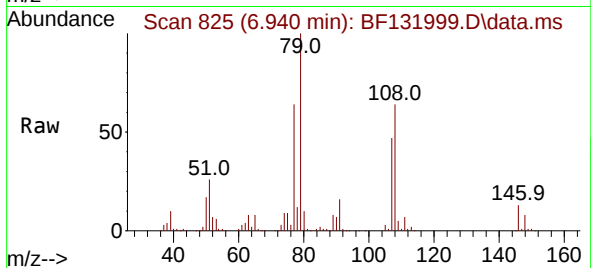
111 50.3 37.7 56.5





#15
Benzyl Alcohol
Concen: 43.316 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

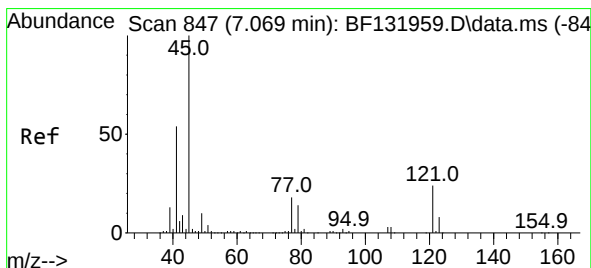
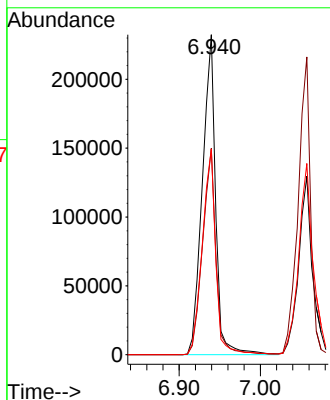
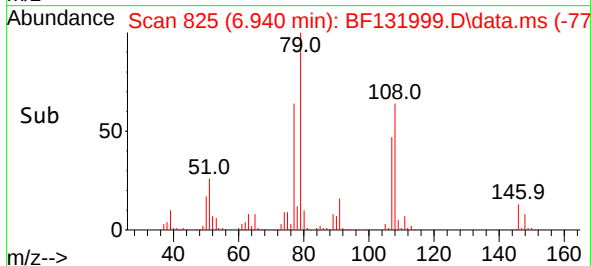
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion: 79 Resp: 26383
Ion Ratio Lower Upper
79 100
108 64.5 51.7 77.5
77 64.3 52.9 79.3

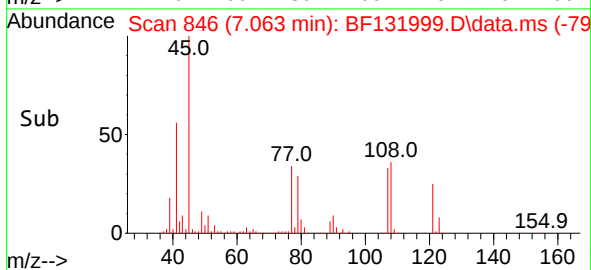
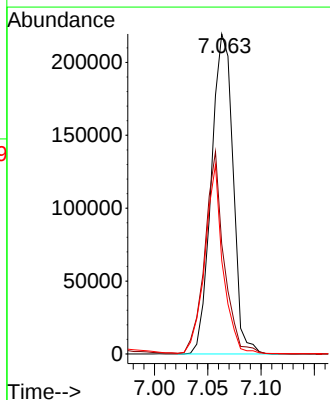
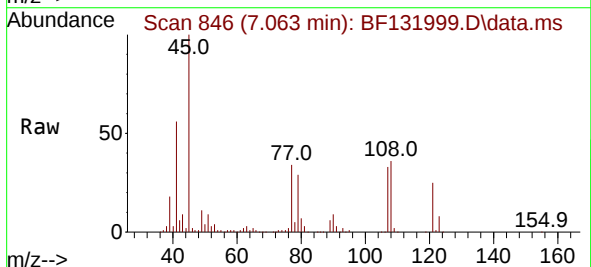
Manual Integrations
APPROVED

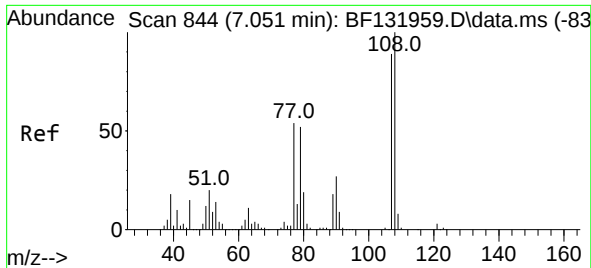
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.777 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

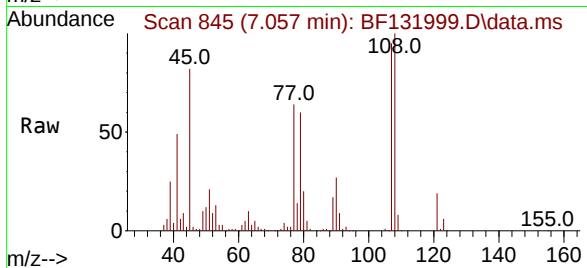
Tgt Ion: 45 Resp: 310102
Ion Ratio Lower Upper
45 100
77 34.4 0.0 38.1
79 29.2 0.0 34.6





#17
2-Methylphenol
Concen: 40.595 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

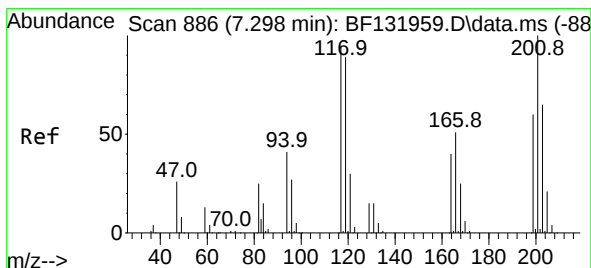
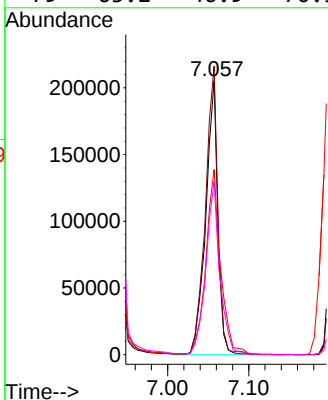
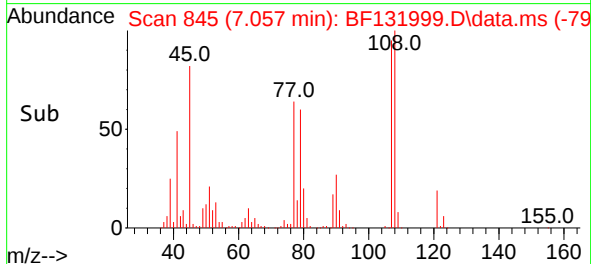
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:107 Resp: 21262
Ion Ratio Lower Upper
107 100
108 105.3 90.0 135.0
77 67.6 48.8 73.2
79 63.2 46.9 70.3

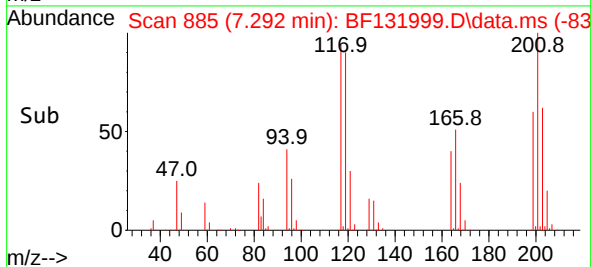
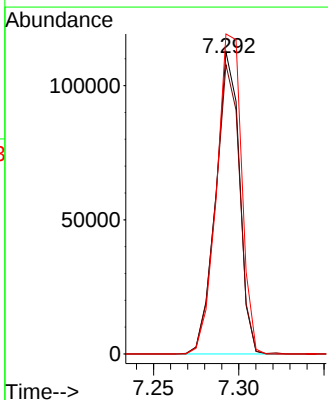
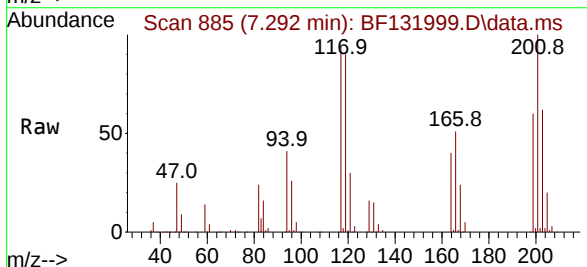
Manual Integrations
APPROVED

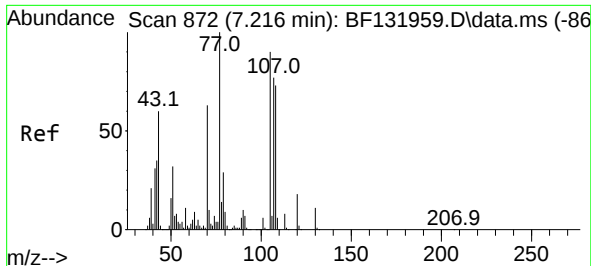
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#18
Hexachloroethane
Concen: 43.964 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:117 Resp: 108448
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 105.9 84.2 126.4





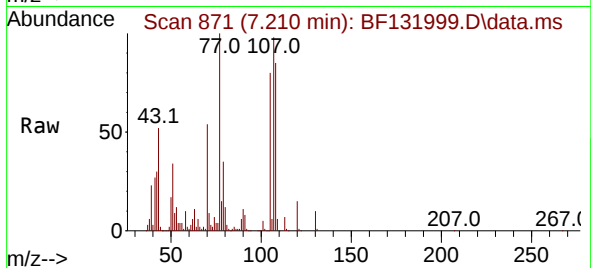
#19
n-Nitroso-di-n-propylamine
Concen: 39.918 ng
RT: 7.210 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

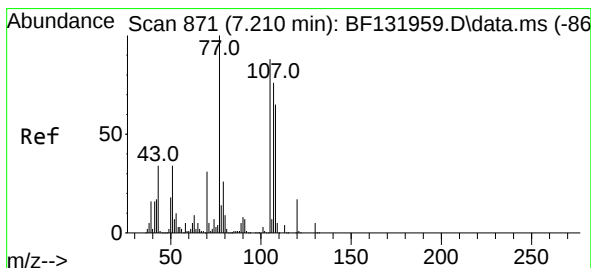
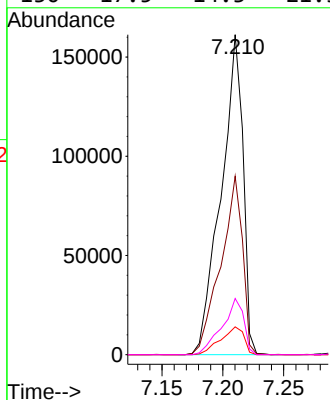
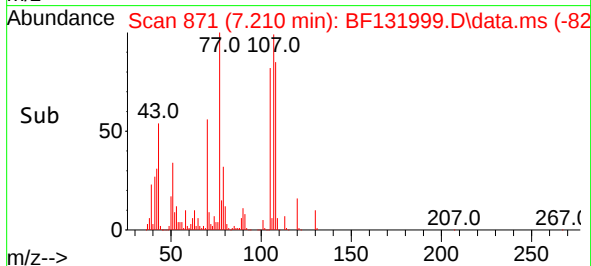


Tgt Ion: 70 Resp: 201968
Ion Ratio Lower Upper
70 100
42 55.8 44.3 66.5
101 8.7 7.5 11.3
130 17.5 14.3 21.5

Manual Integrations

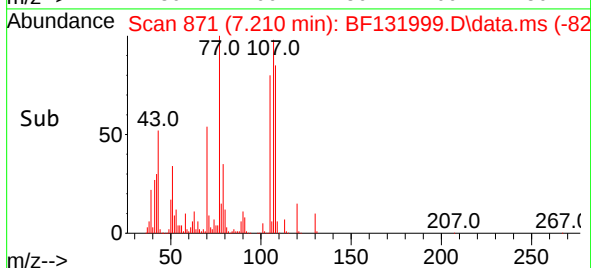
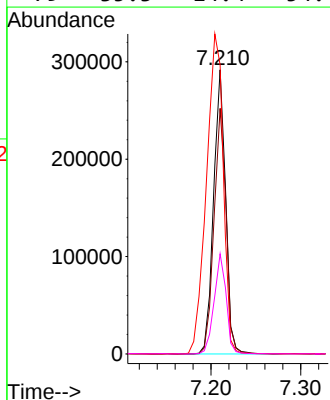
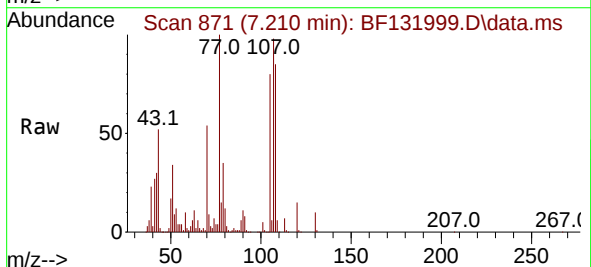
APPROVED

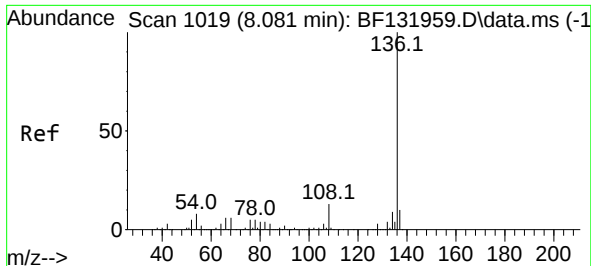
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#20
3+4-Methylphenols
Concen: 40.400 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:107 Resp: 271666
Ion Ratio Lower Upper
107 100
108 86.4 65.1 105.1
77 101.7 111.2 151.2#
79 35.3 14.4 54.4





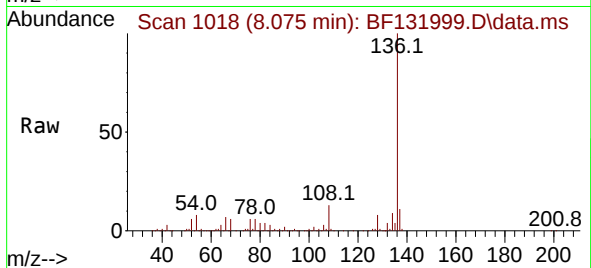
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

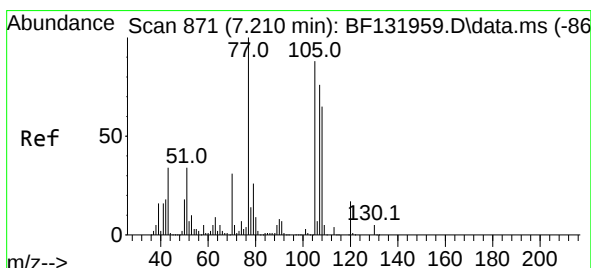
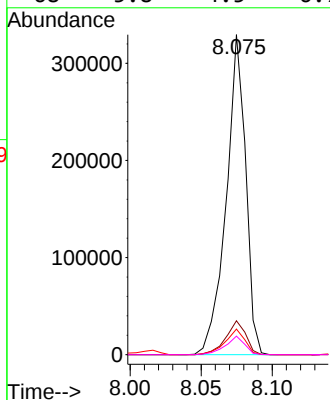
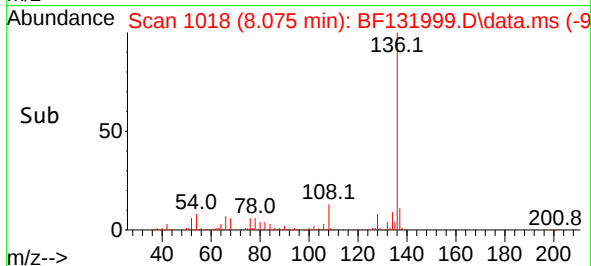


Tgt Ion:136 Resp: 31406
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.0 6.6 9.8
68 5.8 4.5 6.7

Manual Integrations

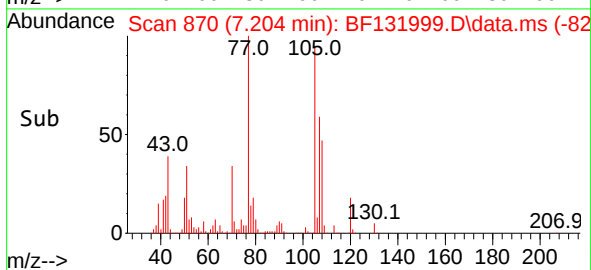
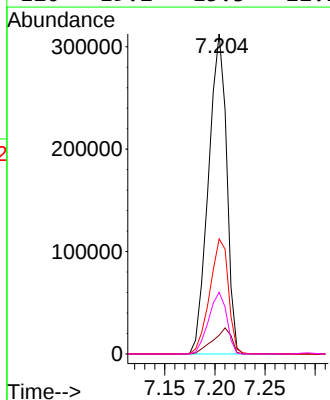
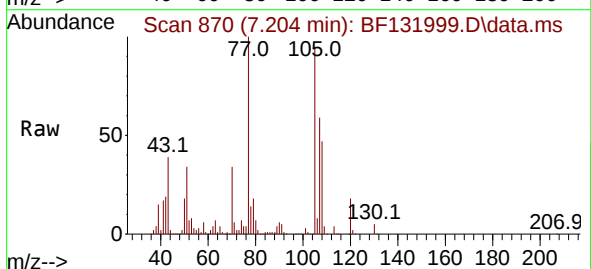
APPROVED

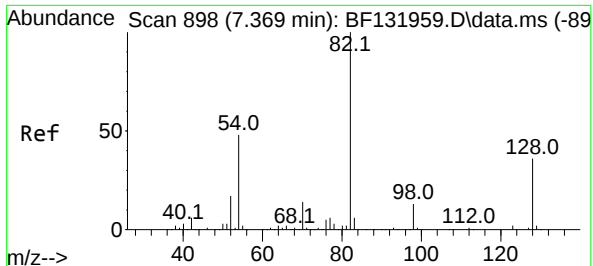
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#22
Acetophenone
Concen: 43.175 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:105 Resp: 394795
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 35.9 30.6 46.0
120 19.2 15.3 22.9





#23

Nitrobenzene-d5

Concen: 85.272 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion: 82 Resp: 64526

Ion Ratio Lower Upper

82 100

128 35.9 28.7 43.1

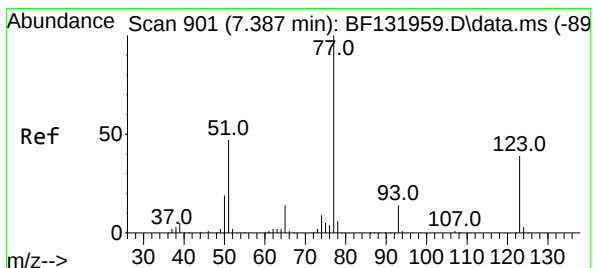
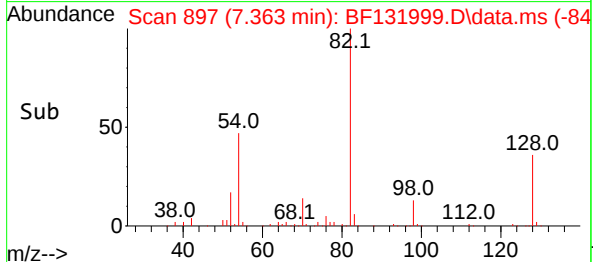
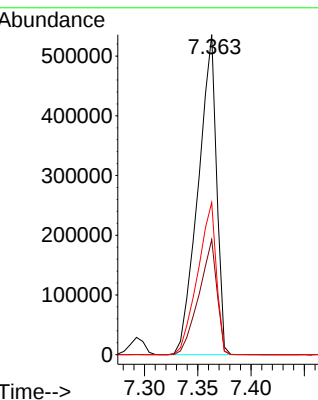
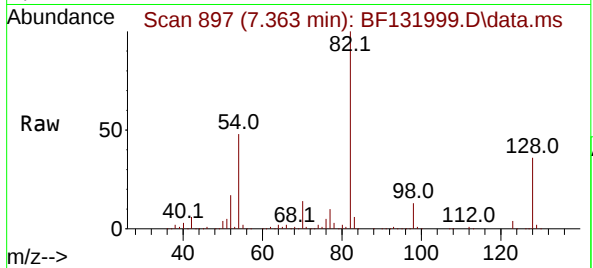
54 47.5 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#24

Nitrobenzene

Concen: 40.848 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

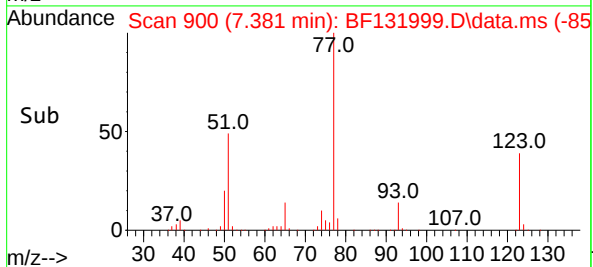
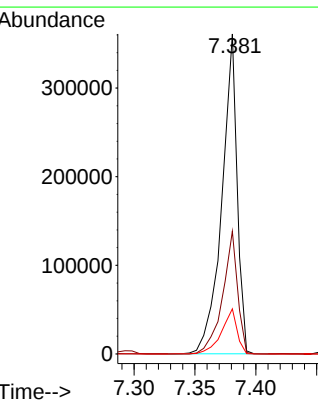
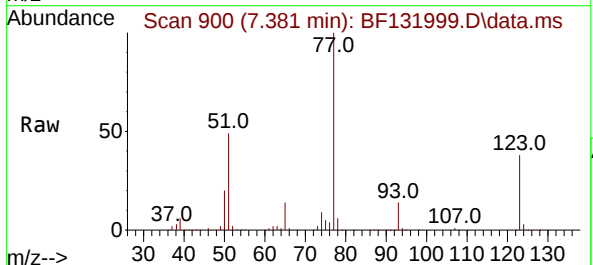
Tgt Ion: 77 Resp: 314680

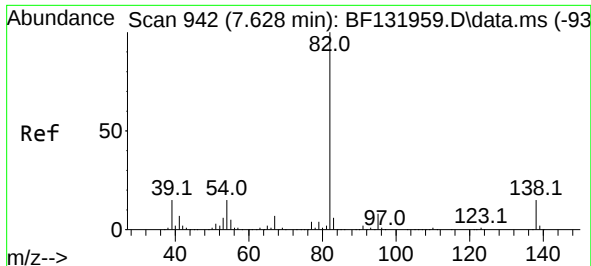
Ion Ratio Lower Upper

77 100

123 38.4 30.9 46.3

65 14.1 10.8 16.2





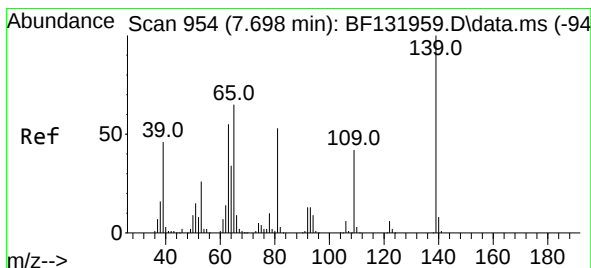
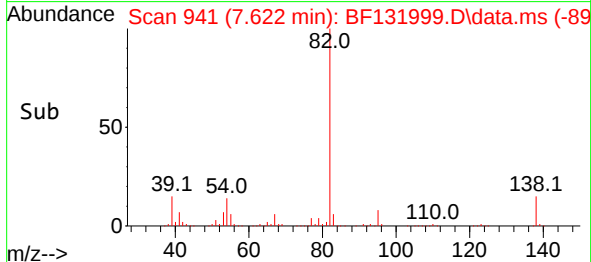
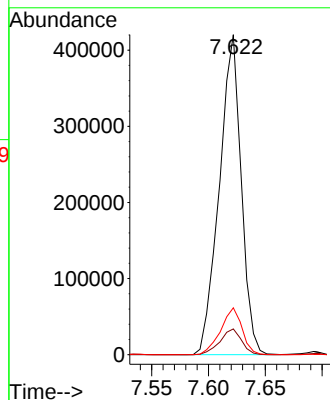
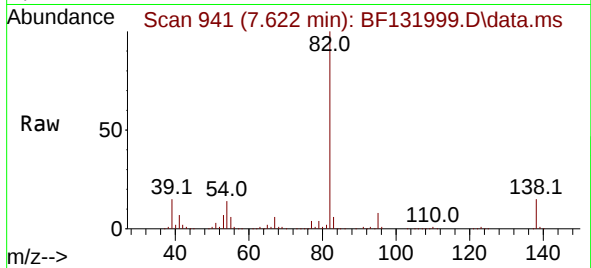
#25
Isophorone
Concen: 39.910 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion: 82 Resp: 564184
Ion Ratio Lower Upper
82 100
95 8.1 6.5 9.7
138 14.6 11.9 17.9

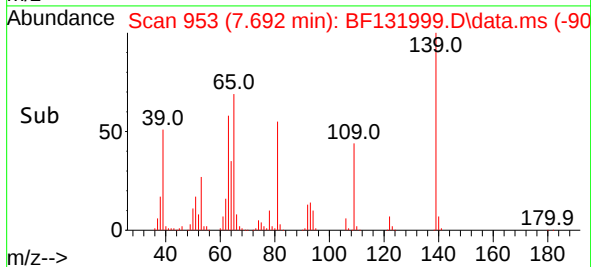
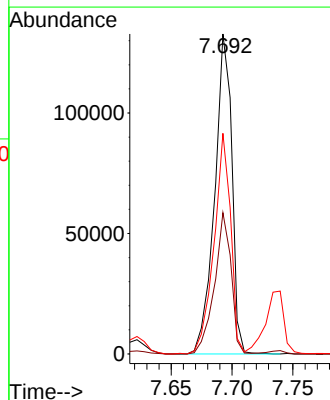
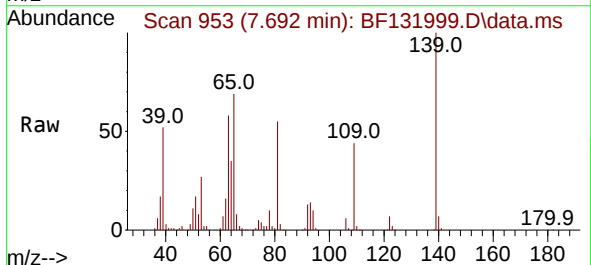
Manual Integrations
APPROVED

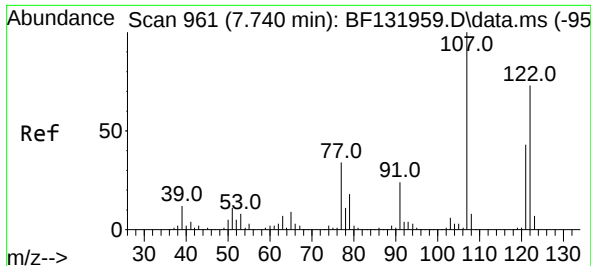
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#26
2-Nitrophenol
Concen: 42.890 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:139 Resp: 130007
Ion Ratio Lower Upper
139 100
109 44.1 33.9 50.9
65 68.9 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 41.798 ng

RT: 7.740 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:122 Resp: 211480

Ion Ratio Lower Upper

122 100

107 134.2 109.4 164.0

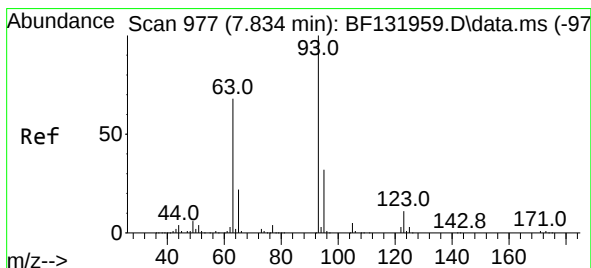
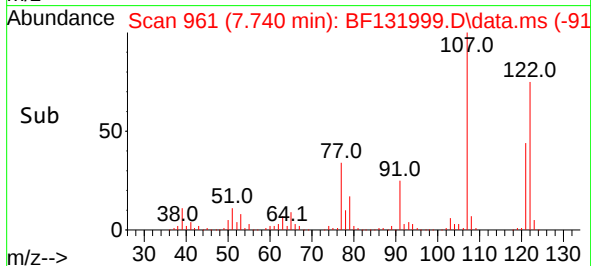
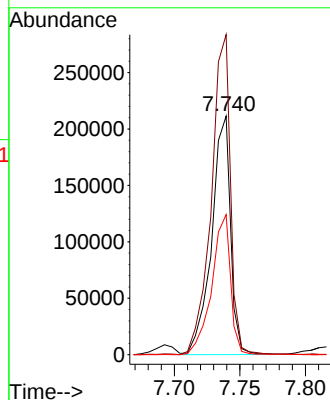
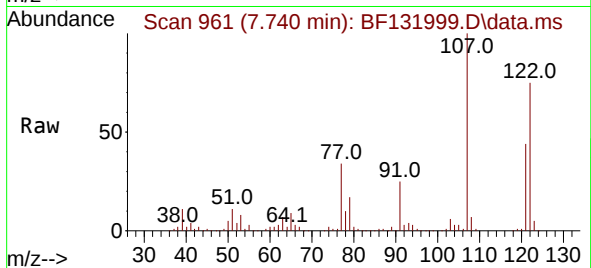
121 58.7 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.873 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

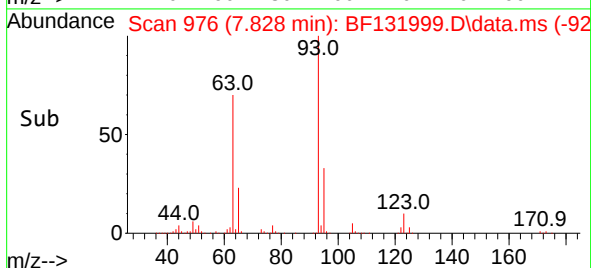
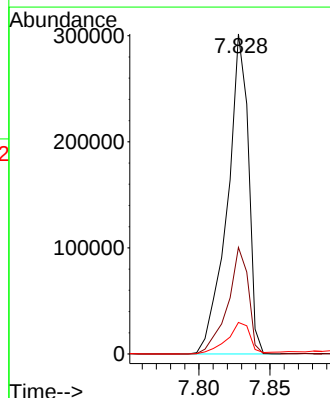
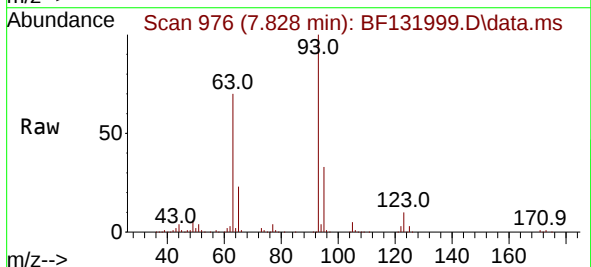
Tgt Ion: 93 Resp: 311966

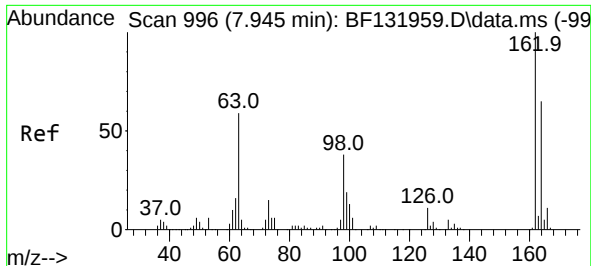
Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 41.460 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF131999.D

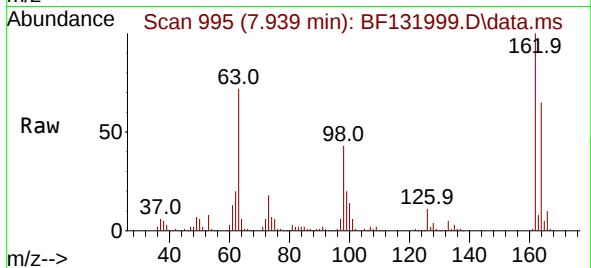
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS



Tgt Ion:162 Resp: 21486

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

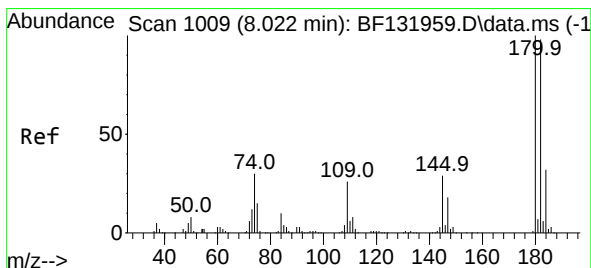
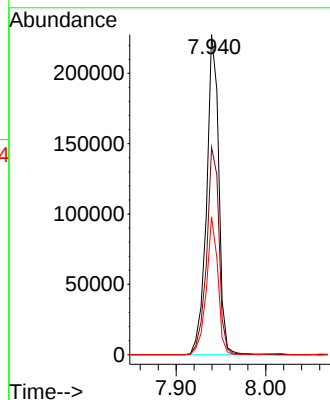
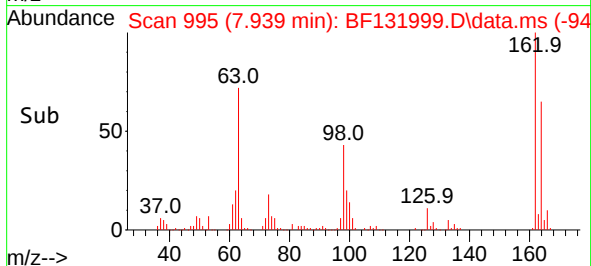
98 43.1 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.048 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

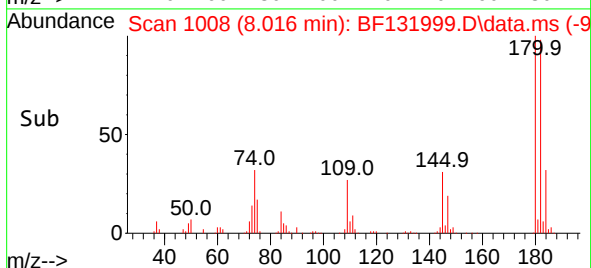
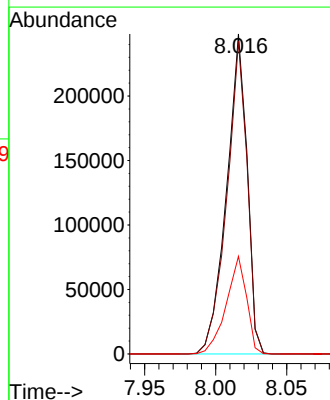
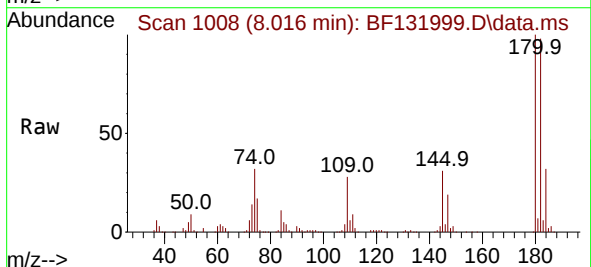
Tgt Ion:180 Resp: 249563

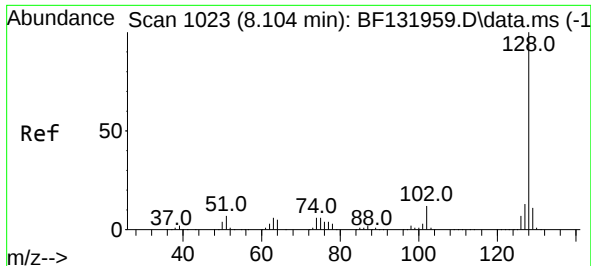
Ion Ratio Lower Upper

180 100

182 97.7 78.4 117.6

145 30.5 23.2 34.8





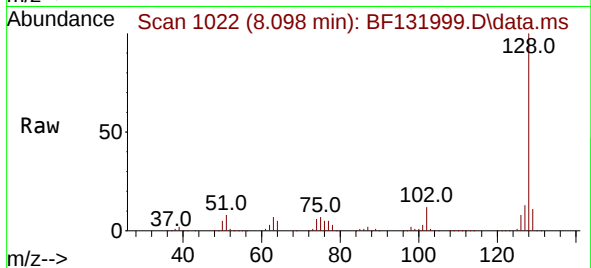
#31
Naphthalene
Concen: 41.366 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

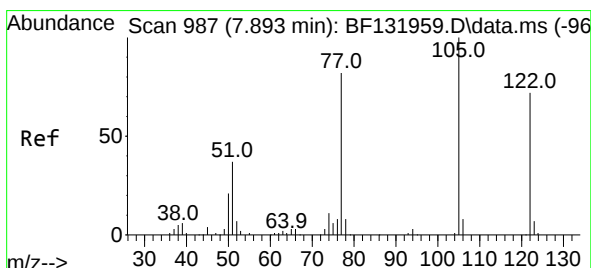
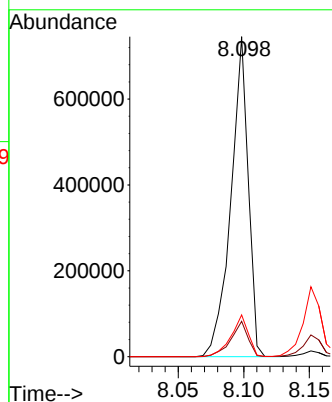
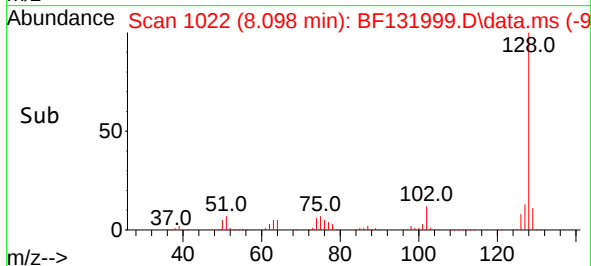


Tgt Ion:128 Resp: 68656
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations

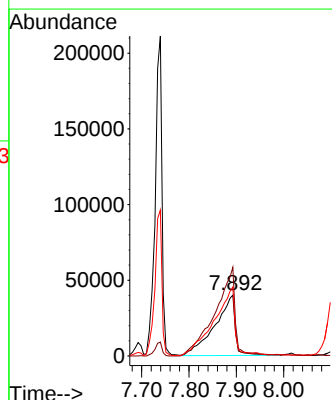
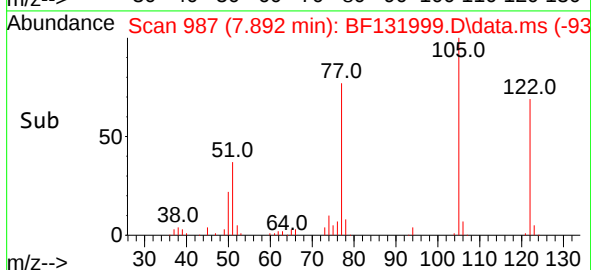
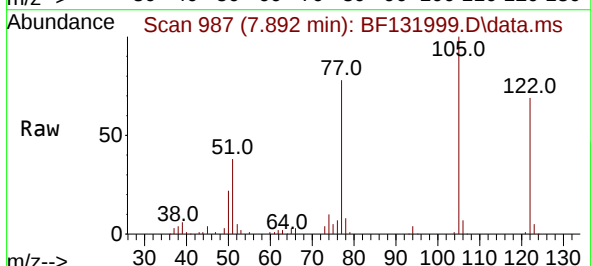
APPROVED

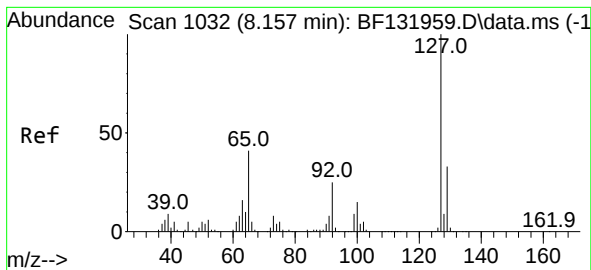
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#32
Benzoic acid
Concen: 40.969 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.001 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:122 Resp: 120173
Ion Ratio Lower Upper
122 100
105 145.9 116.3 156.3
77 113.5 92.7 132.7





#33

4-Chloroaniline

Concen: 25.183 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:127 Resp: 17248

Ion Ratio Lower Upper

127 100

129 31.1 26.5 39.7

65 41.2 33.1 49.7

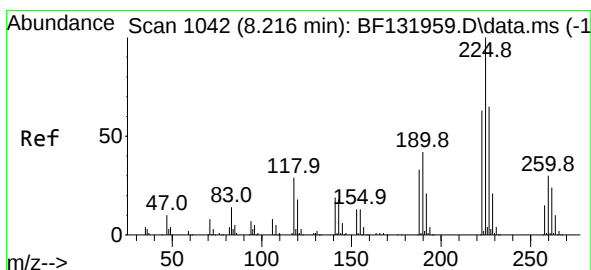
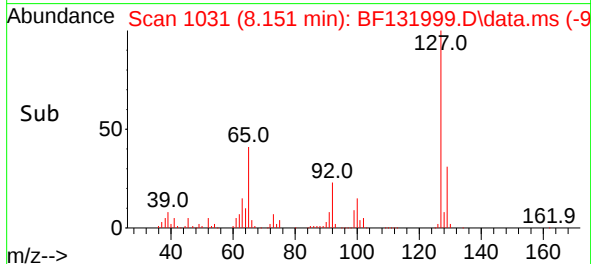
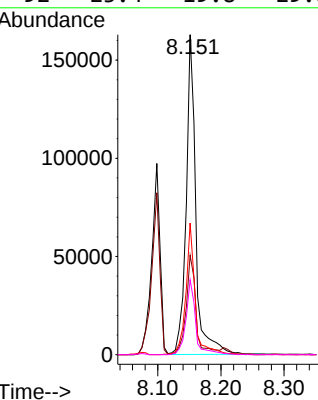
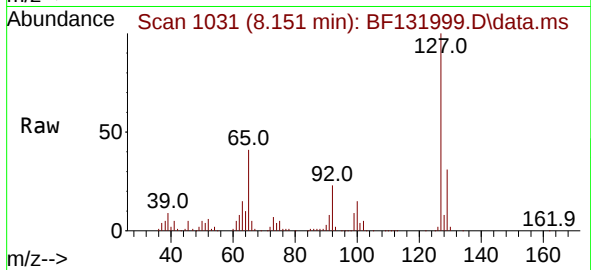
92 23.4 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#34

Hexachlorobutadiene

Concen: 41.960 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

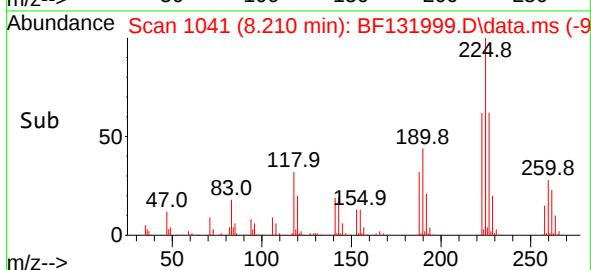
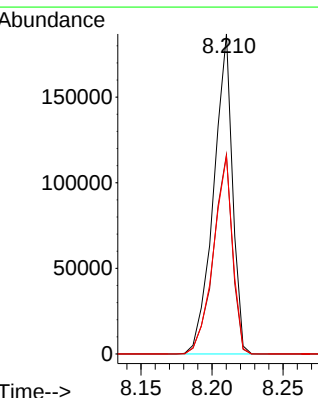
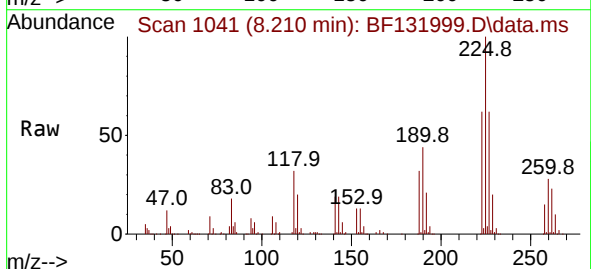
Tgt Ion:225 Resp: 172666

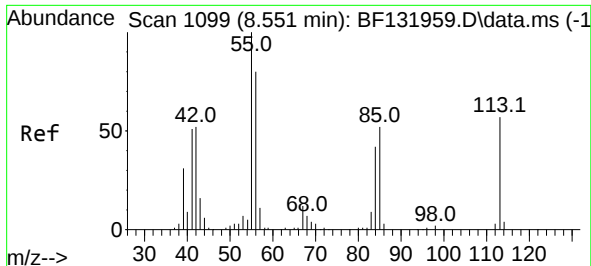
Ion Ratio Lower Upper

225 100

223 62.2 50.6 75.8

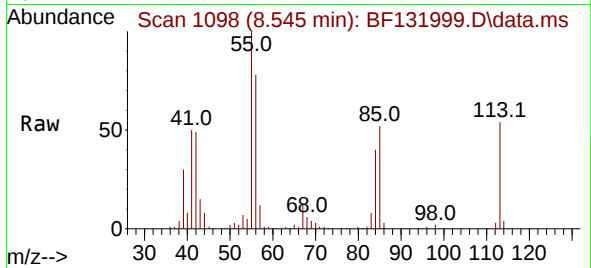
227 61.9 51.6 77.4





#35
Caprolactam
Concen: 41.982 ng m
RT: 8.545 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

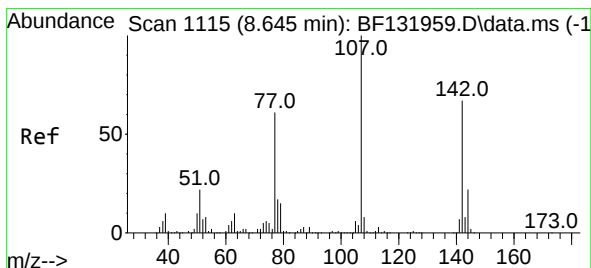
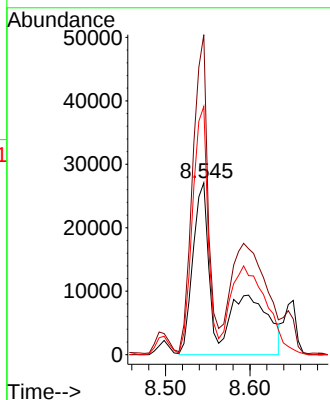
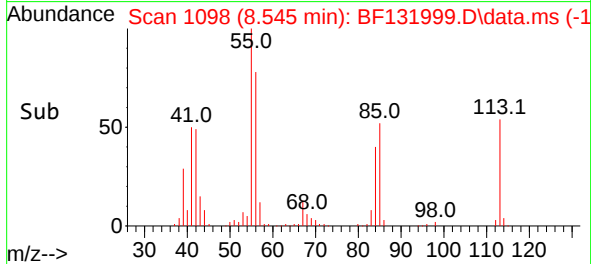
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:113 Resp: 63899
Ion Ratio Lower Upper
113 100
55 186.2 154.4 194.4
56 144.5 119.6 159.6

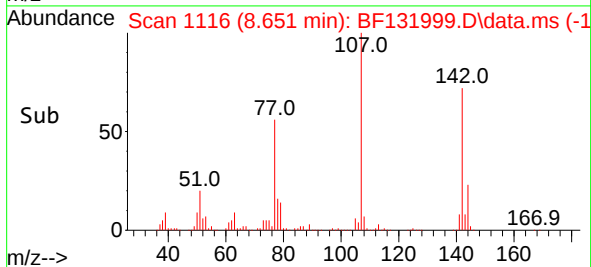
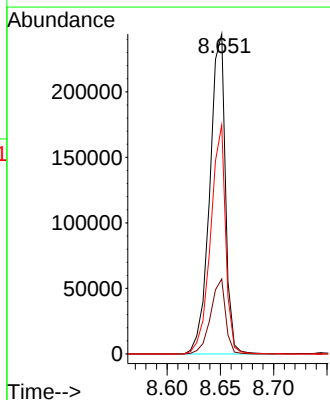
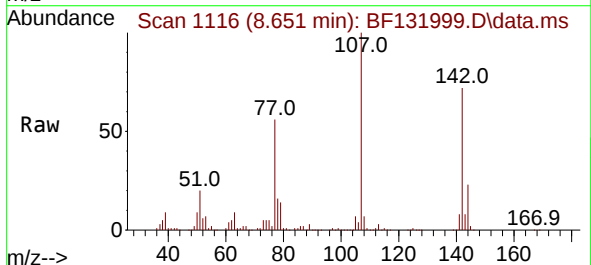
Manual Integrations
APPROVED

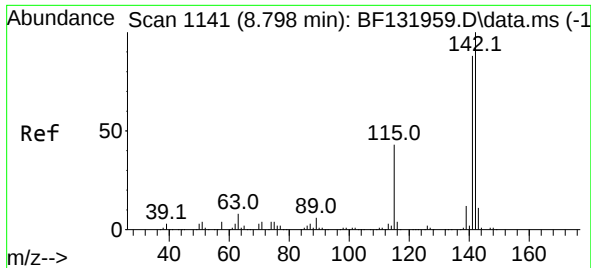
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#36
4-Chloro-3-methylphenol
Concen: 41.112 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:107 Resp: 250063
Ion Ratio Lower Upper
107 100
144 23.5 17.4 26.2
142 71.5 53.7 80.5





#37

2-Methylnaphthalene

Concen: 39.238 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:142 Resp: 46772

Ion Ratio Lower Upper

142 100

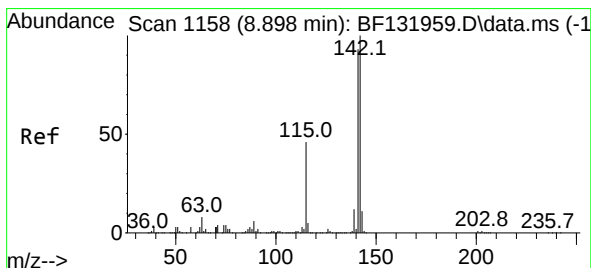
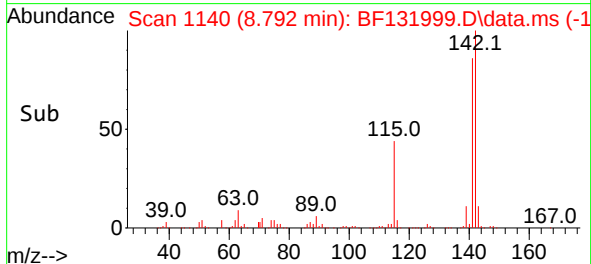
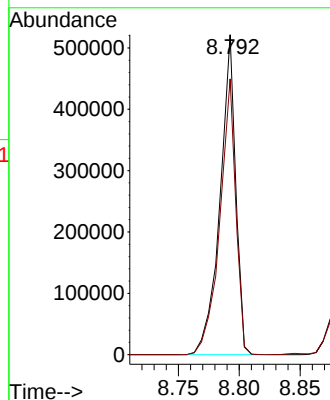
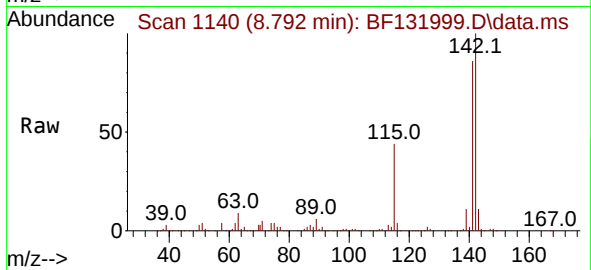
141 86.2 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#38

1-Methylnaphthalene

Concen: 39.651 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF131999.D

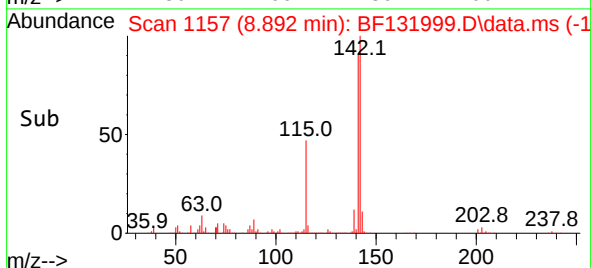
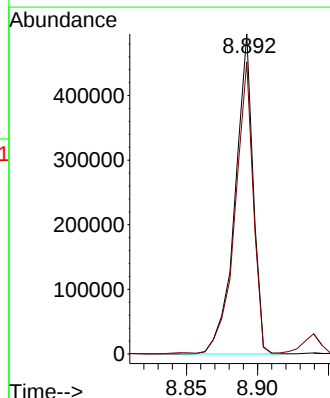
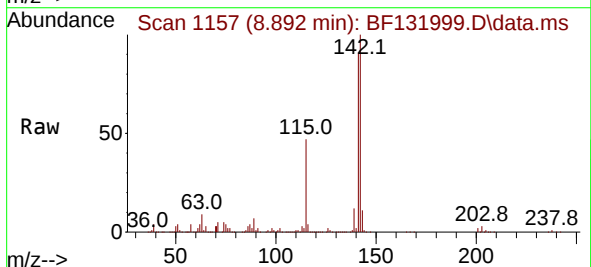
Acq: 10 Jan 2023 16:45

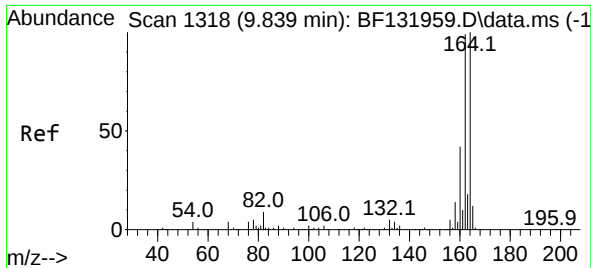
Tgt Ion:142 Resp: 437903

Ion Ratio Lower Upper

142 100

141 91.3 74.3 111.5





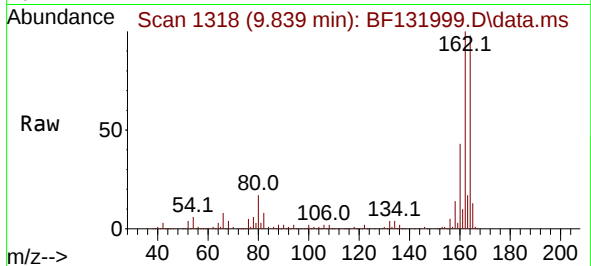
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

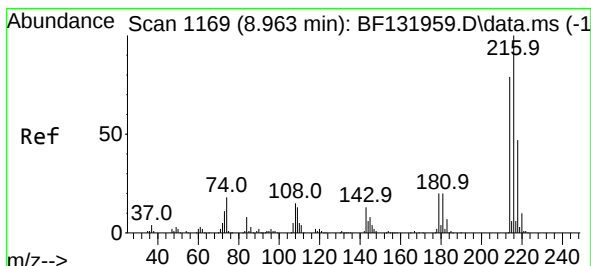
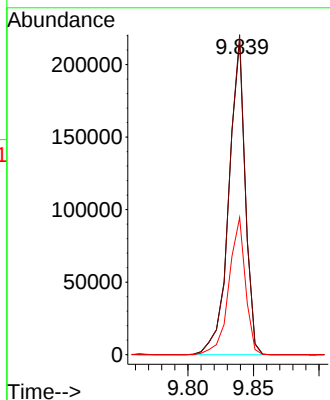
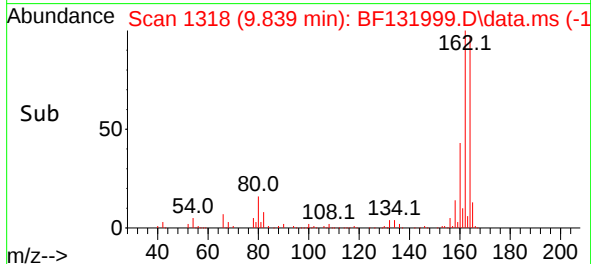
PB150165BS



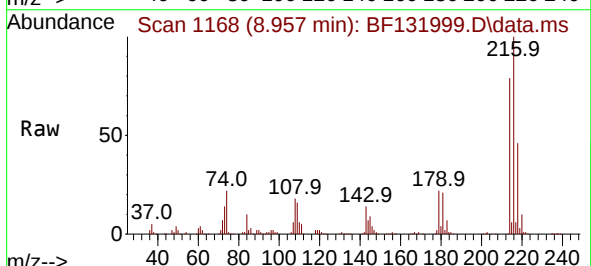
Tgt Ion:164 Resp: 188798
Ion Ratio Lower Upper
164 100
162 101.9 79.4 119.0
160 43.7 33.9 50.9

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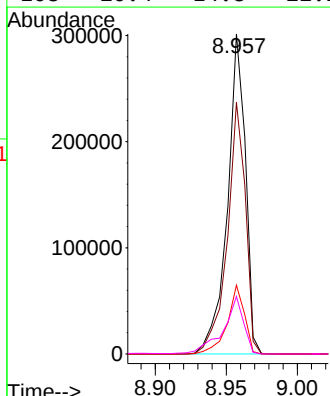
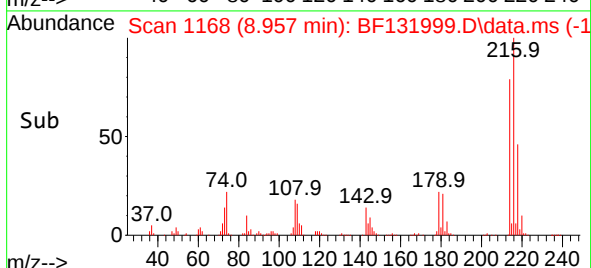
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

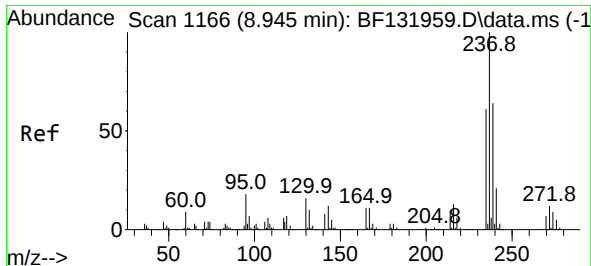


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.845 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



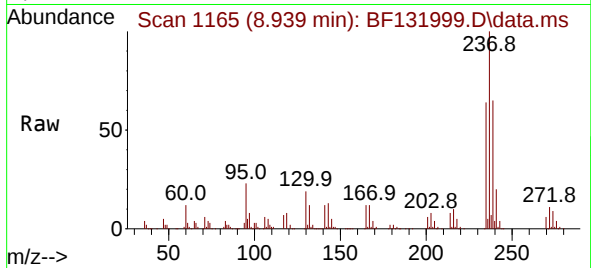
Tgt Ion:216 Resp: 265083
Ion Ratio Lower Upper
216 100
214 79.0 63.9 95.9
179 20.6 16.4 24.6
108 20.4 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 70.953 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

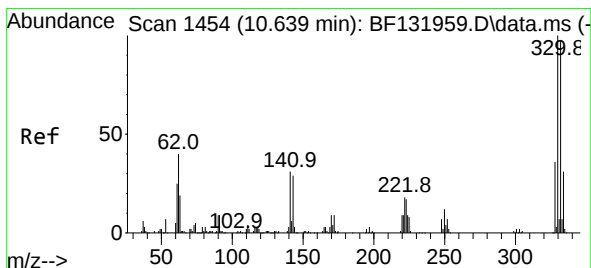
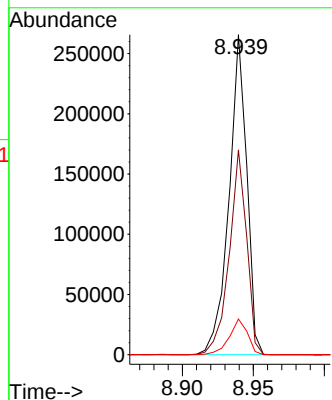
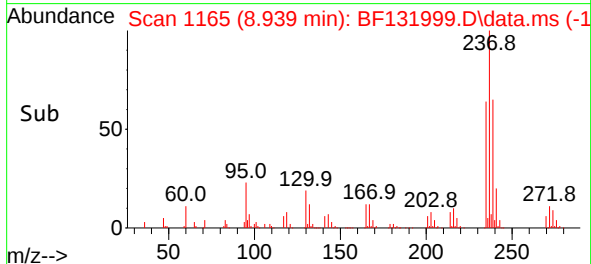
Instrument :
BNA_F
ClientSampleId :
PB150165BS



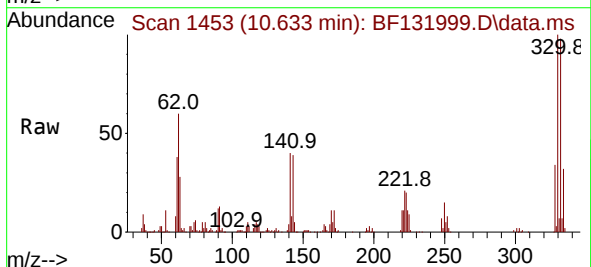
Tgt Ion:237 Resp: 231128
Ion Ratio Lower Upper
237 100
235 64.0 41.2 81.2
272 11.2 0.0 31.7

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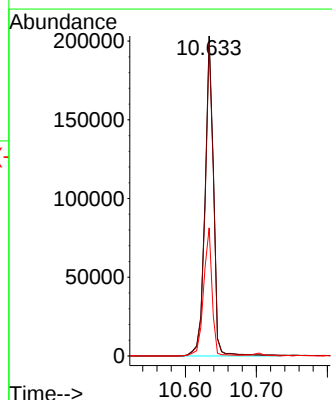
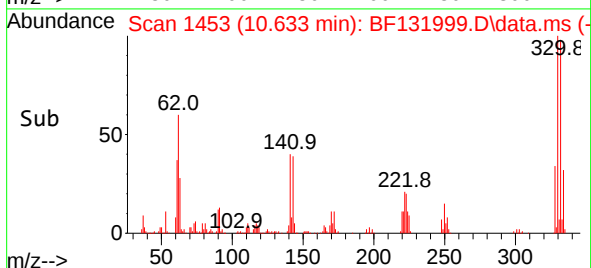
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

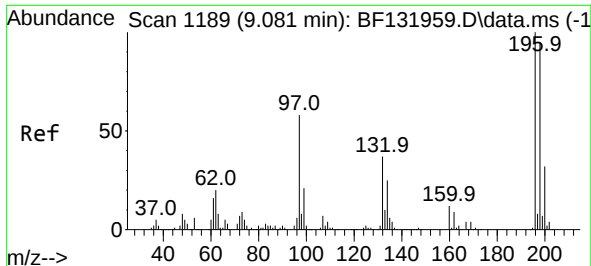


#42
2,4,6-Tribromophenol
Concen: 78.590 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



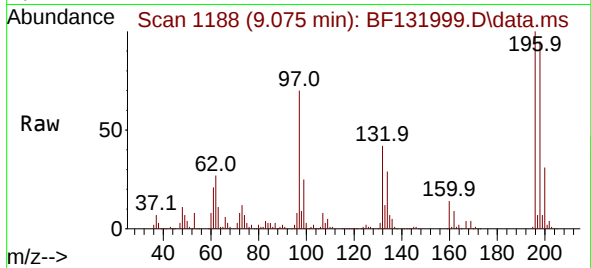
Tgt Ion:330 Resp: 170601
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 39.7 31.3 46.9





#43
2,4,6-Trichlorophenol
Concen: 41.122 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

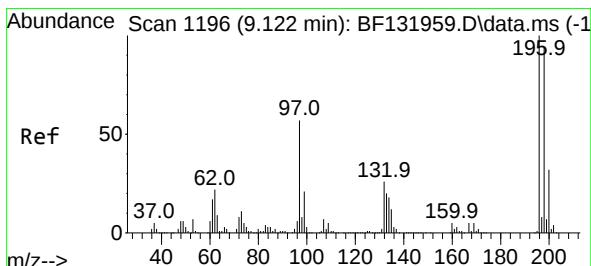
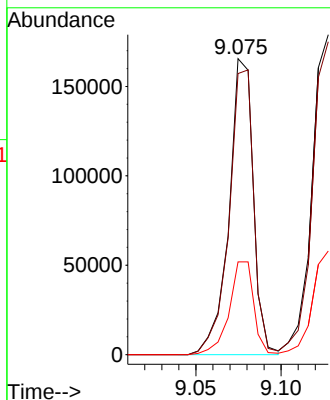
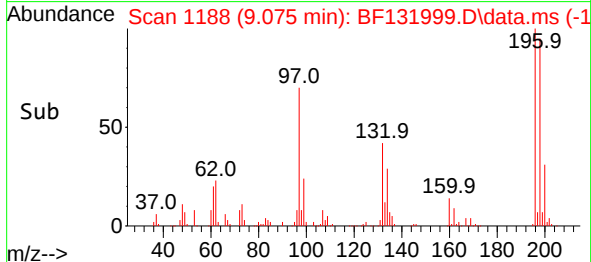
Instrument :
BNA_F
ClientSampleId :
PB150165BS



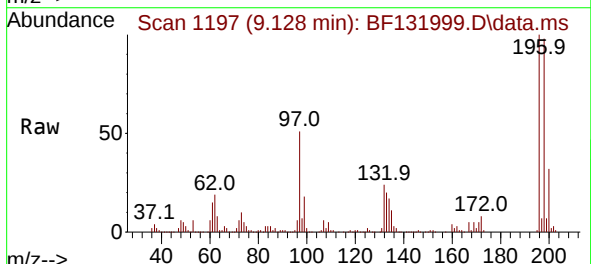
Tgt Ion:196 Resp: 16467
Ion Ratio Lower Upper
196 100
198 94.9 76.3 114.5
200 31.3 25.8 38.6

Manual Integrations
APPROVED

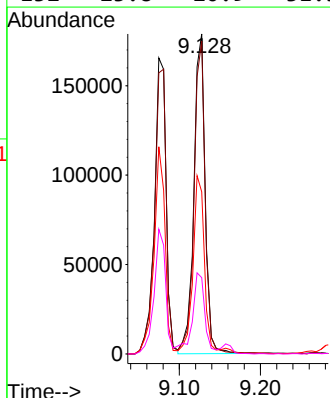
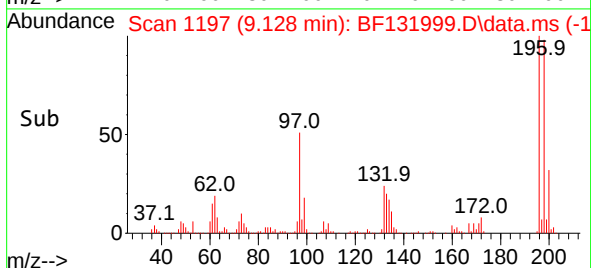
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

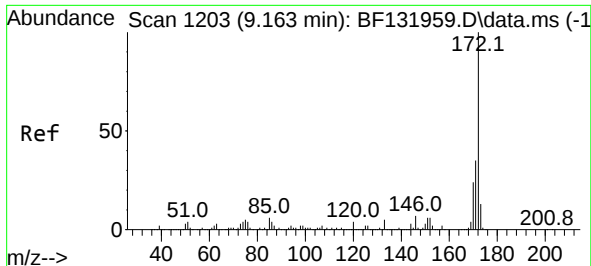


#44
2,4,5-Trichlorophenol
Concen: 37.397 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



Tgt Ion:196 Resp: 174343
Ion Ratio Lower Upper
196 100
198 97.8 75.3 112.9
97 50.7 45.6 68.4
132 23.8 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 80.720 ng

RT: 9.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF131999.D

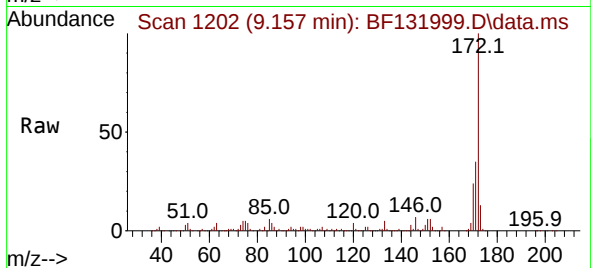
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS



Tgt Ion:172 Resp: 1128900

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

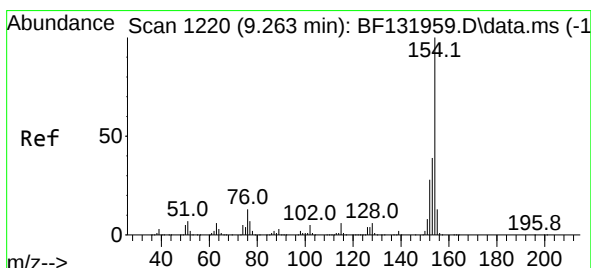
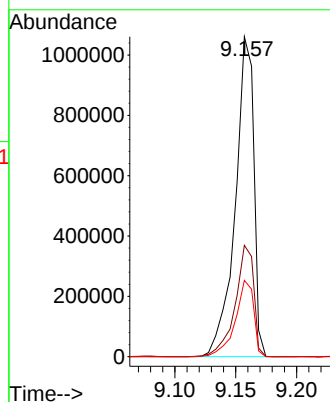
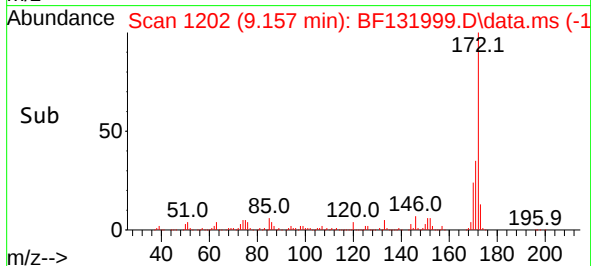
170 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#46

1,1'-Biphenyl

Concen: 40.463 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

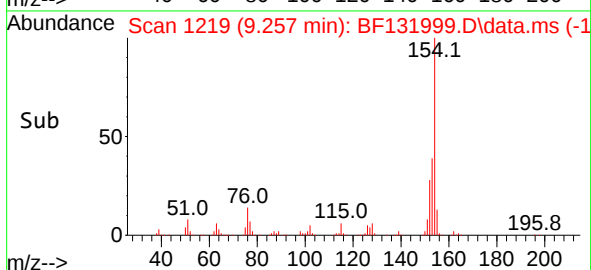
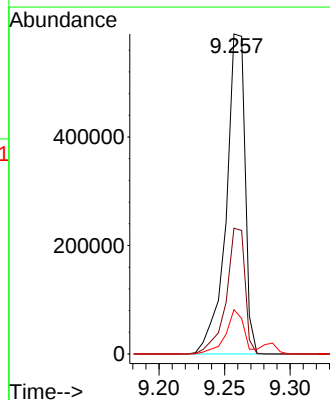
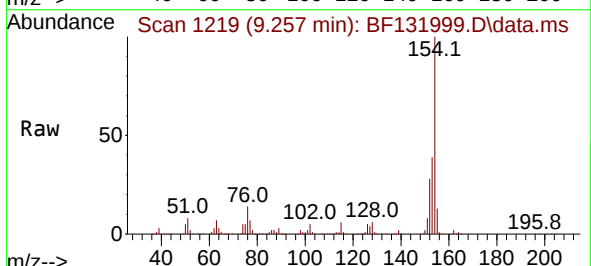
Tgt Ion:154 Resp: 589626

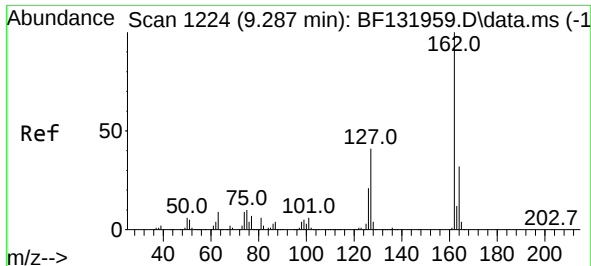
Ion Ratio Lower Upper

154 100

153 39.3 18.9 58.9

76 13.8 0.0 33.2





#47
2-Chloronaphthalene
Concen: 41.626 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

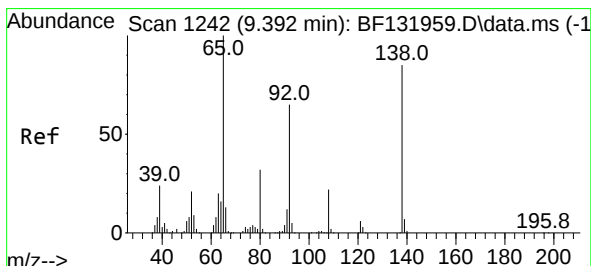
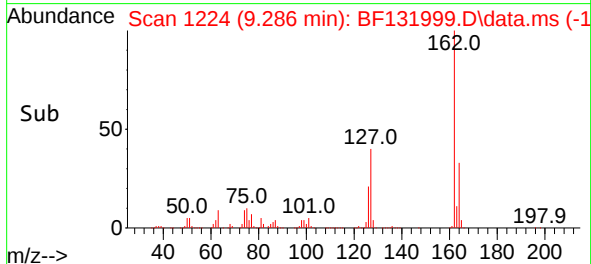
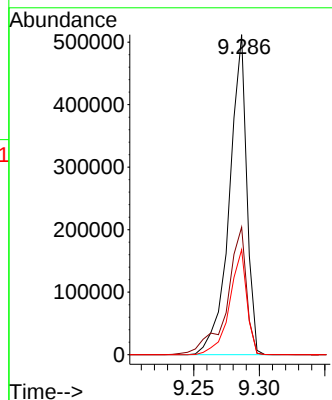
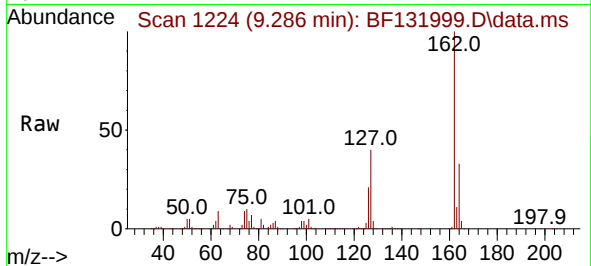
ClientSampleId :

PB150165BS

Tgt Ion:162 Resp: 470799
Ion Ratio Lower Upper
162 100
127 39.8 33.0 49.4
164 32.8 25.8 38.8

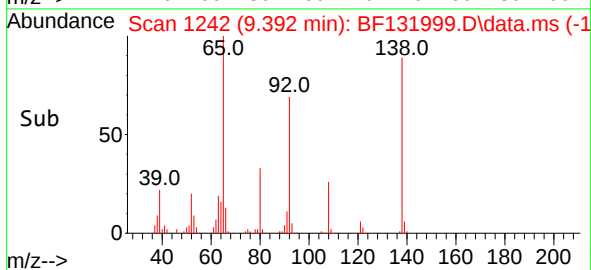
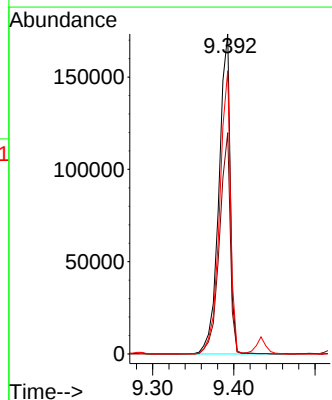
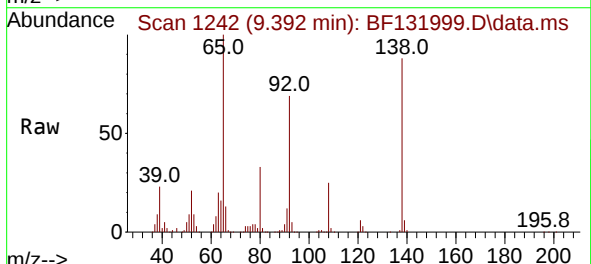
Manual Integrations
APPROVED

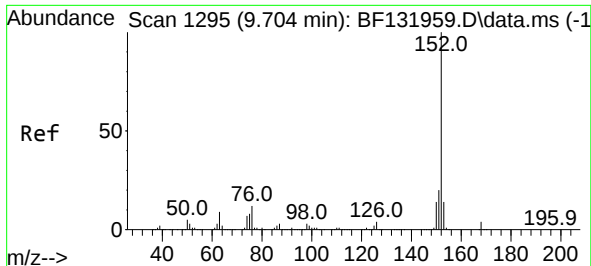
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#48
2-Nitroaniline
Concen: 40.884 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion: 65 Resp: 167949
Ion Ratio Lower Upper
65 100
92 69.1 52.2 78.2
138 88.5 67.8 101.8





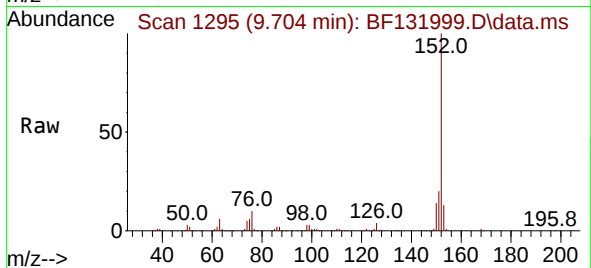
#49
Acenaphthylene
Concen: 39.682 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

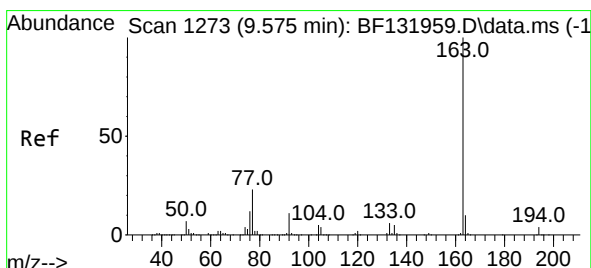
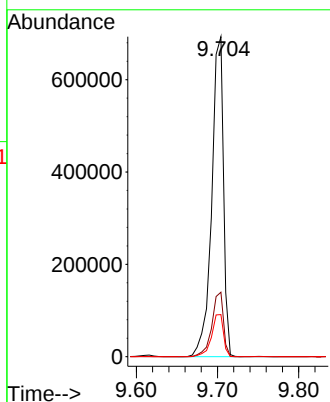
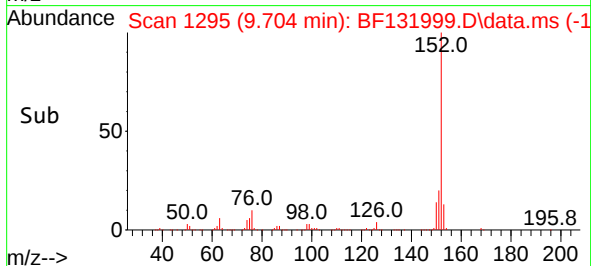
PB150165BS



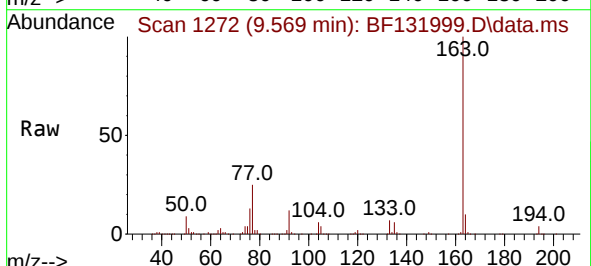
Tgt Ion:152 Resp: 69646
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.8 16.2

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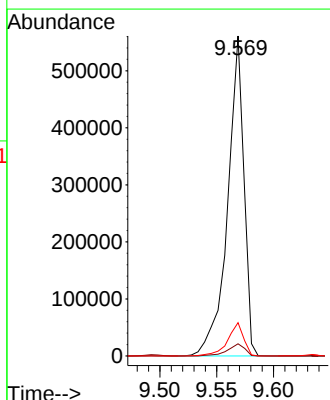
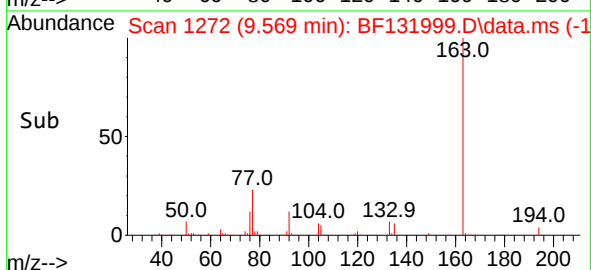
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

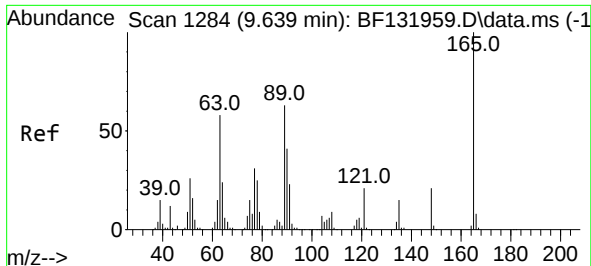


#50
Dimethylphthalate
Concen: 38.053 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



Tgt Ion:163 Resp: 560006
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 39.729 ng

RT: 9.634 min Scan# 1283

Delta R.T. -0.005 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:165 Resp: 12297

Ion Ratio Lower Upper

165 100

63 69.0 47.4 71.0

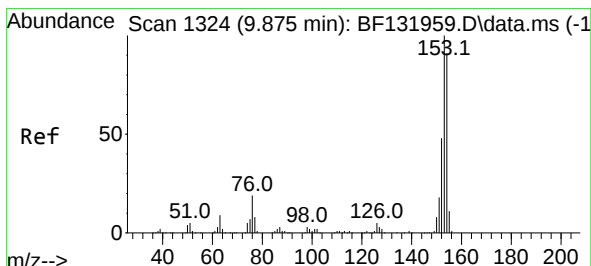
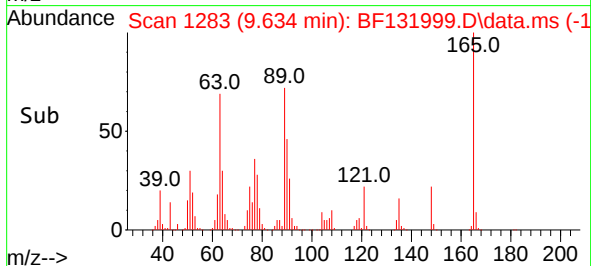
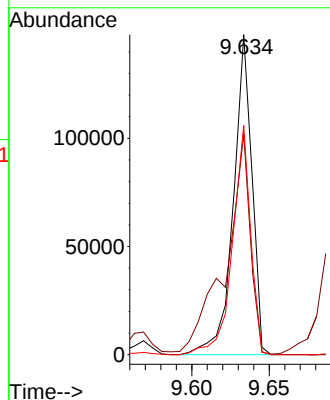
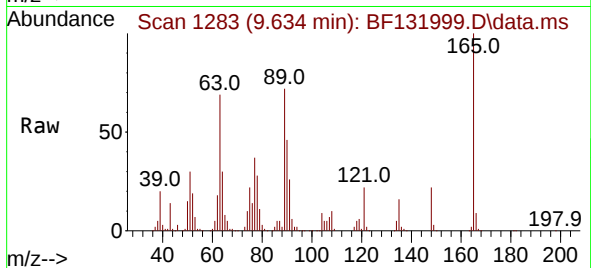
89 71.6 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#52

Acenaphthene

Concen: 39.573 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

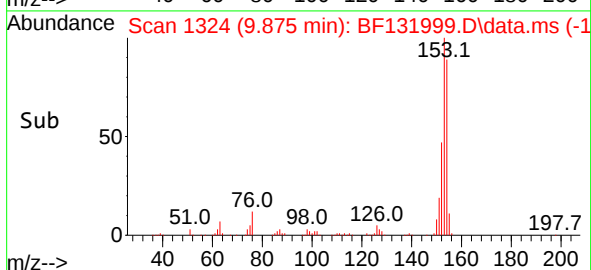
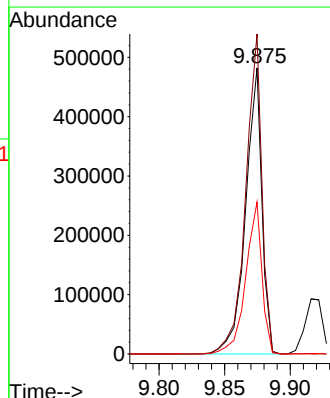
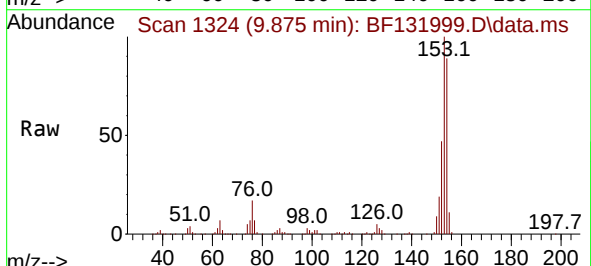
Tgt Ion:154 Resp: 416914

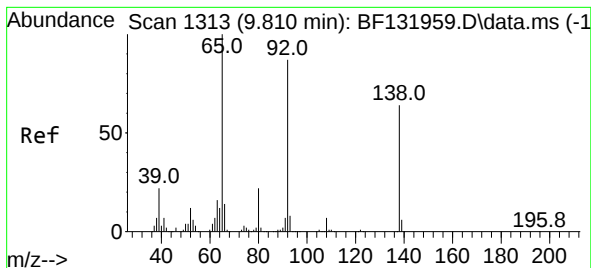
Ion Ratio Lower Upper

154 100

153 111.9 87.7 131.5

152 53.1 42.2 63.2





#53
3-Nitroaniline
Concen: 29.158 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

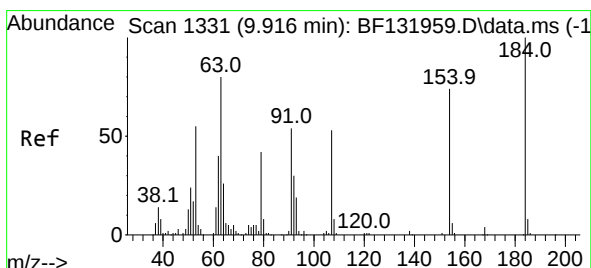
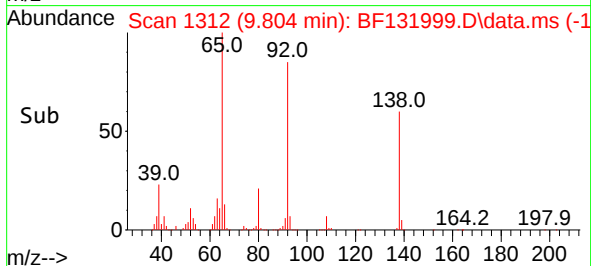
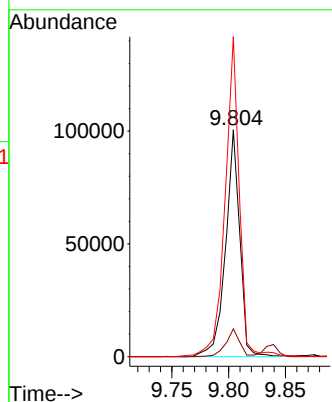
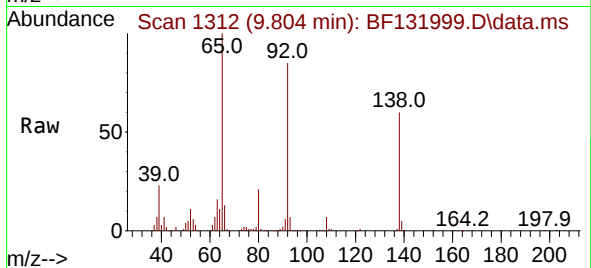
PB150165BS

Tgt Ion:138 Resp: 87559
Ion Ratio Lower Upper
138 100
108 12.3 8.8 13.2
92 141.0 108.1 162.1

Manual Integrations

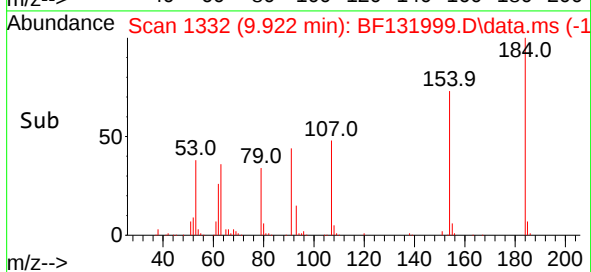
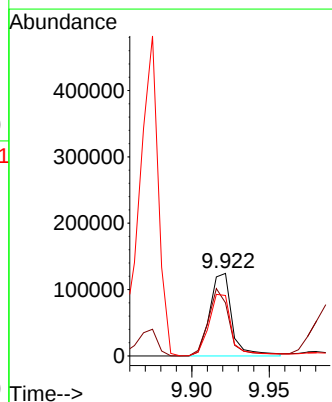
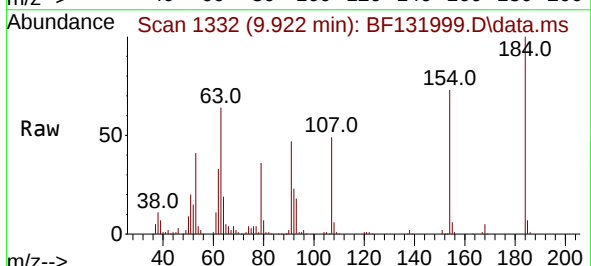
APPROVED

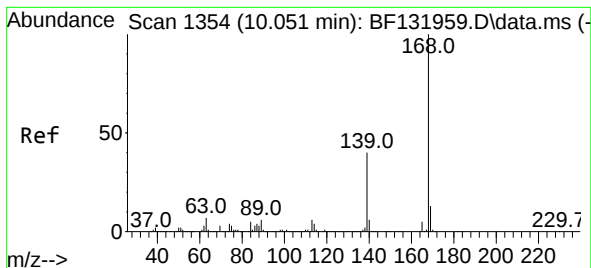
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#54
2,4-Dinitrophenol
Concen: 80.011 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:184 Resp: 124345
Ion Ratio Lower Upper
184 100
63 64.4 63.7 95.5
154 73.2 60.1 90.1





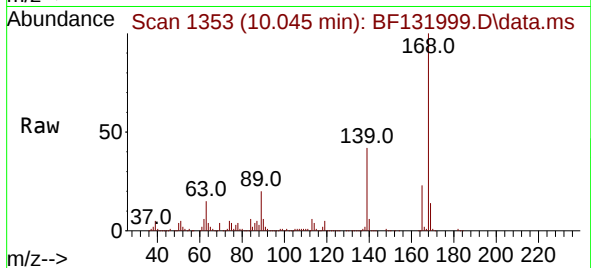
#55
Dibenzenofuran
Concen: 38.830 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

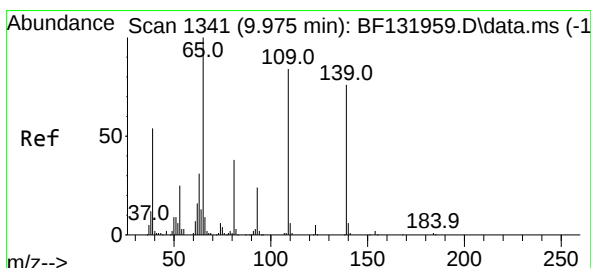
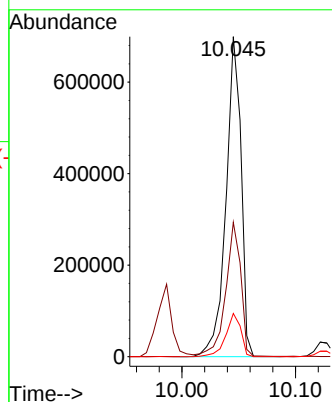
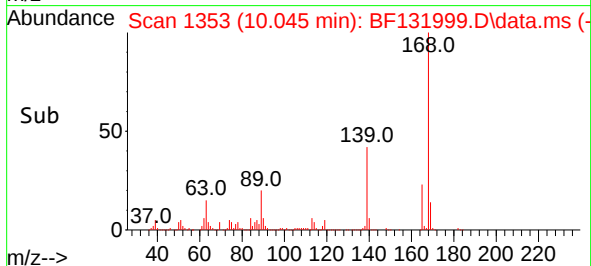


Tgt Ion:168 Resp: 644829
Ion Ratio Lower Upper
168 100
139 42.0 32.4 48.6
169 13.5 10.7 16.1

Manual Integrations

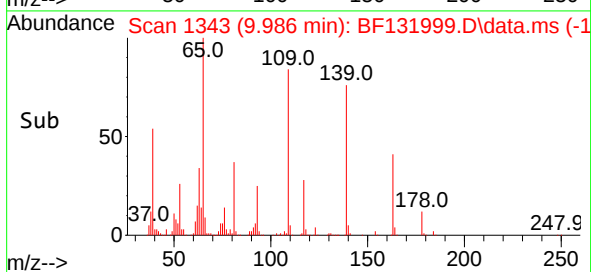
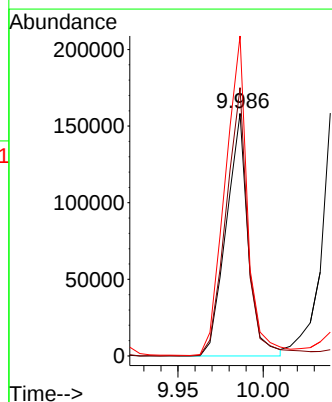
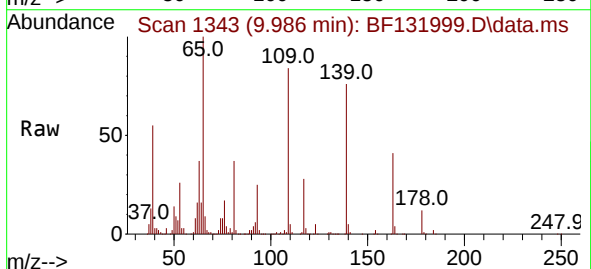
APPROVED

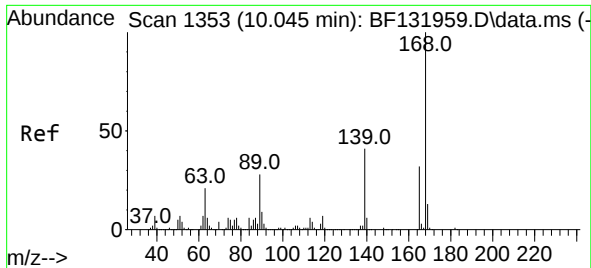
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#56
4-Nitrophenol
Concen: 83.890 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

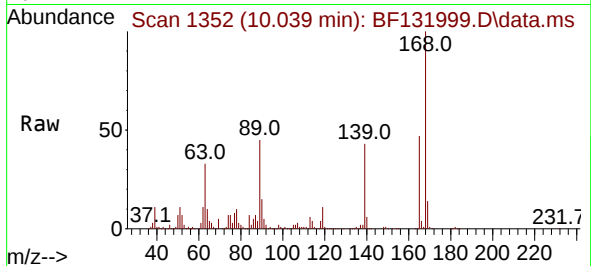
Tgt Ion:139 Resp: 141896
Ion Ratio Lower Upper
139 100
109 110.6 90.5 130.5
65 131.9 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 40.049 ng
RT: 10.039 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

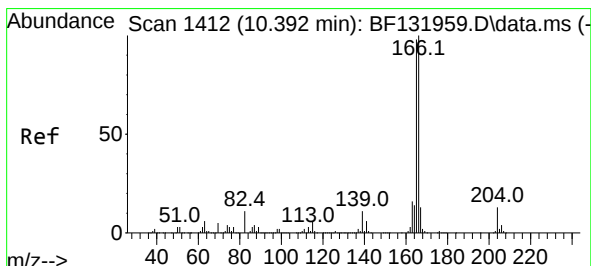
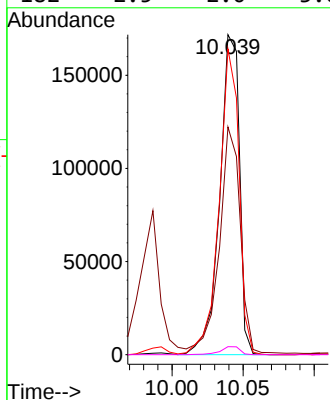
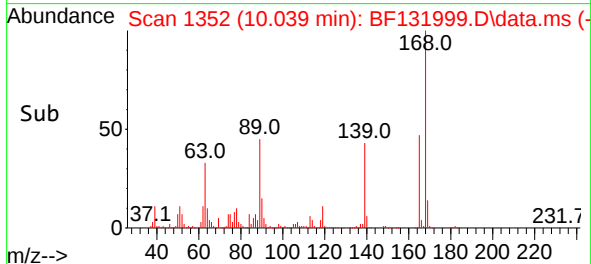
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:165 Resp: 165732
Ion Ratio Lower Upper
165 100
63 71.1 53.2 79.8
89 95.5 71.2 106.8
182 2.5 2.0 3.0

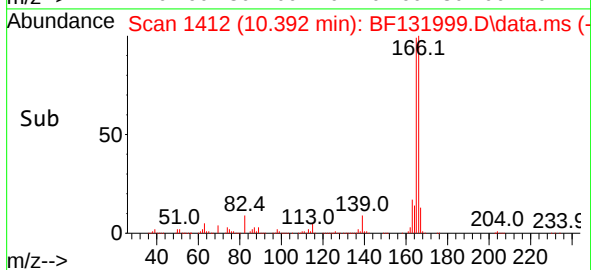
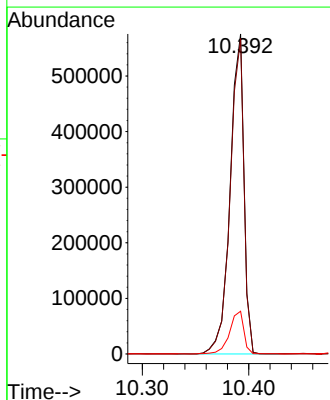
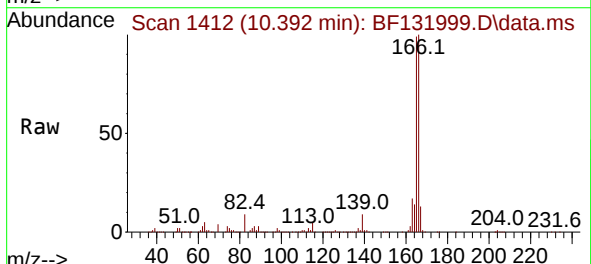
Manual Integrations
APPROVED

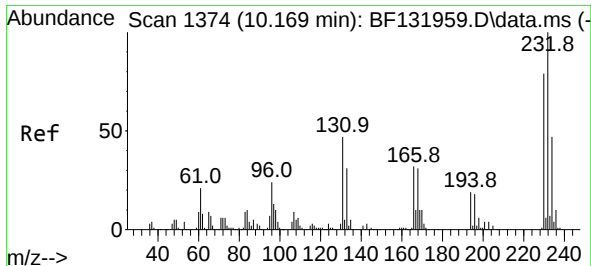
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#58
Fluorene
Concen: 39.013 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

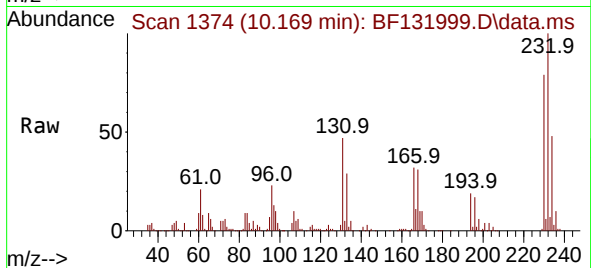
Tgt Ion:166 Resp: 517547
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.179 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

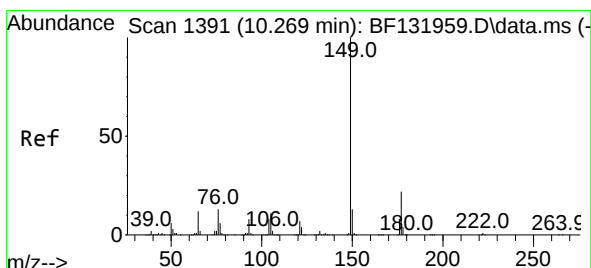
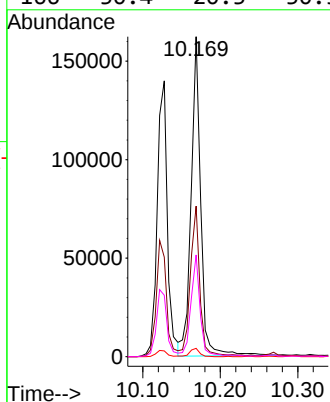
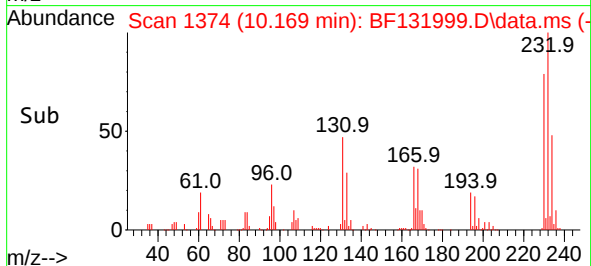
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:232 Resp: 139571
Ion Ratio Lower Upper
232 100
131 46.3 33.0 49.4
130 2.6 1.8 2.8
166 30.4 20.3 30.5

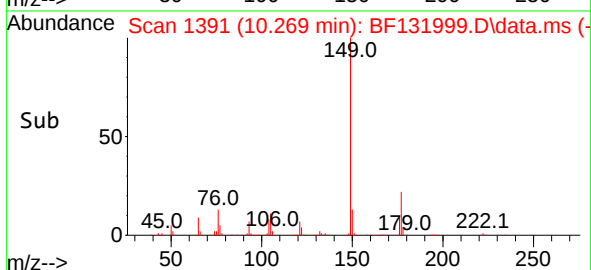
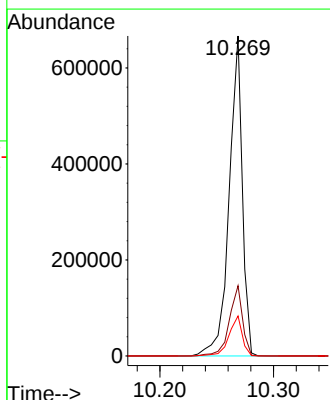
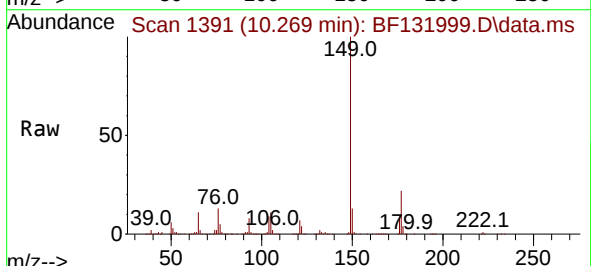
Manual Integrations
APPROVED

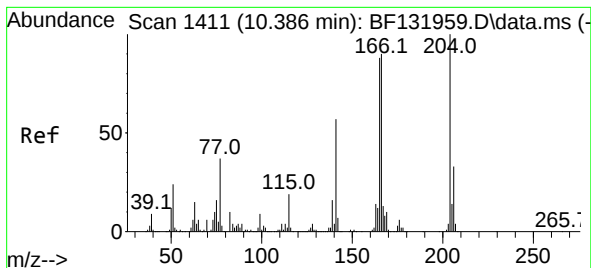
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#60
Diethylphthalate
Concen: 37.068 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:149 Resp: 536415
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.5 10.2 15.2





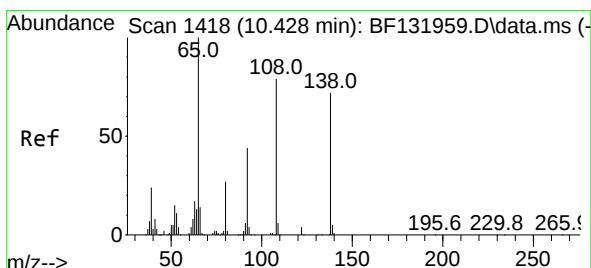
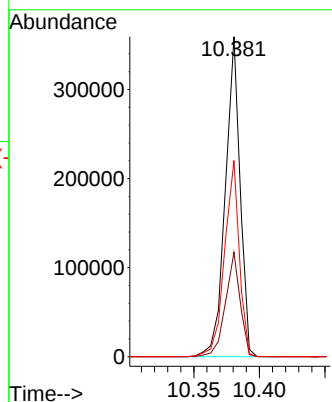
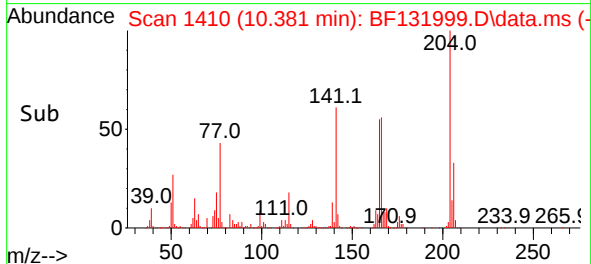
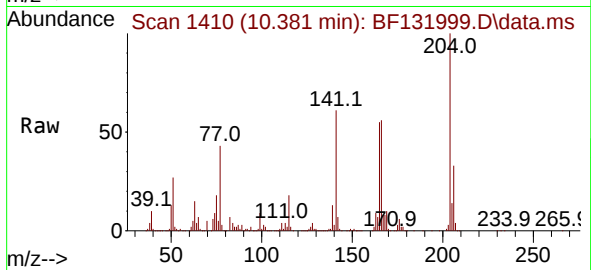
#61
4-Chlorophenyl-phenylether
Concen: 36.955 ng
RT: 10.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:204 Resp: 28064
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.3 45.6 68.4

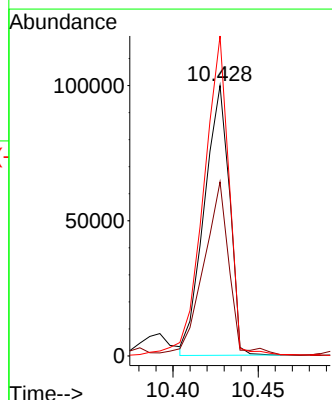
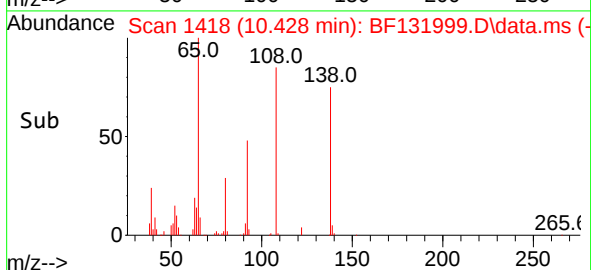
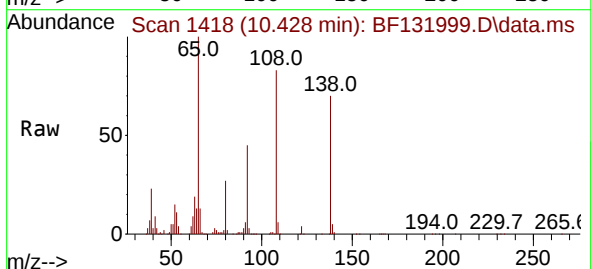
Manual Integrations
APPROVED

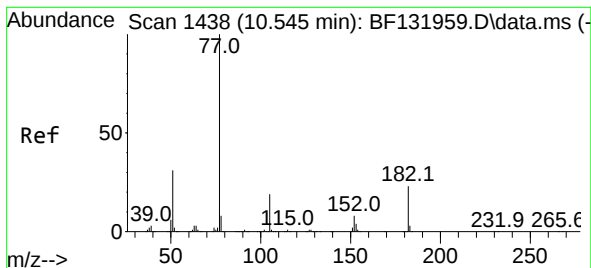
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#62
4-Nitroaniline
Concen: 38.006 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

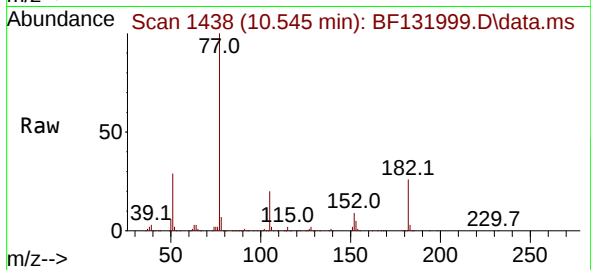
Tgt Ion:138 Resp: 102623
Ion Ratio Lower Upper
138 100
92 64.4 41.3 81.3
108 118.4 89.8 129.8





#63
Azobenzene
Concen: 37.706 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

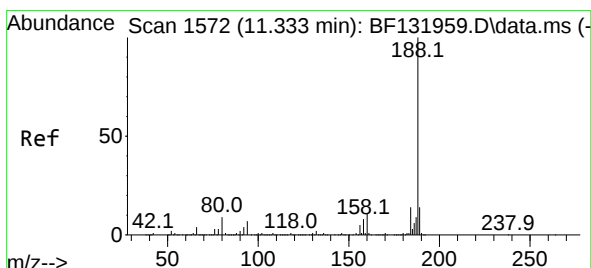
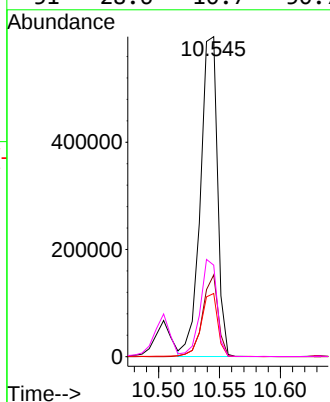
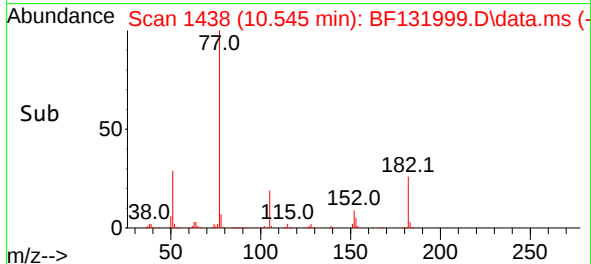
Instrument :
BNA_F
ClientSampleId :
PB150165BS



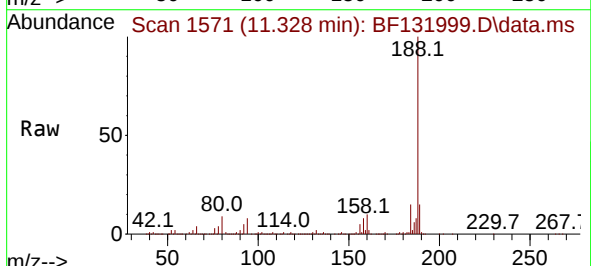
Tgt Ion: 77 Resp: 578814
Ion Ratio Lower Upper
77 100
182 25.6 2.9 42.9
105 19.8 0.0 39.3
51 28.6 10.7 50.7

Manual Integrations
APPROVED

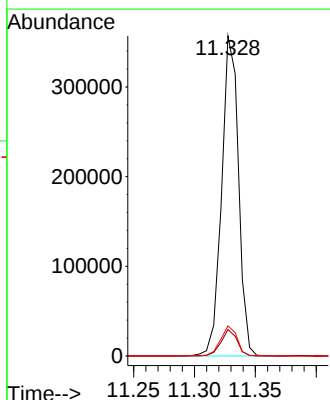
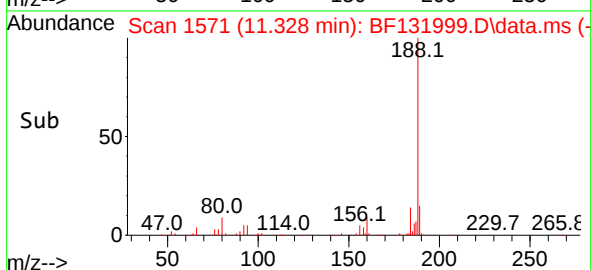
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

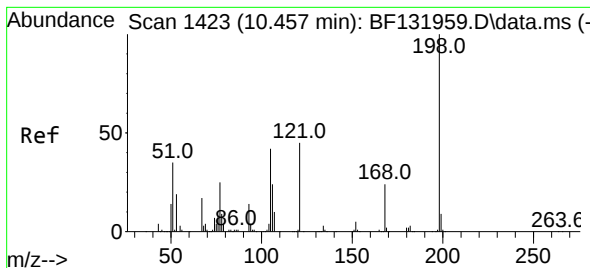


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



Tgt Ion:188 Resp: 344065
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.4 7.4 11.0





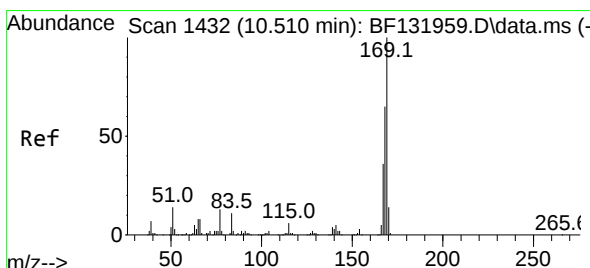
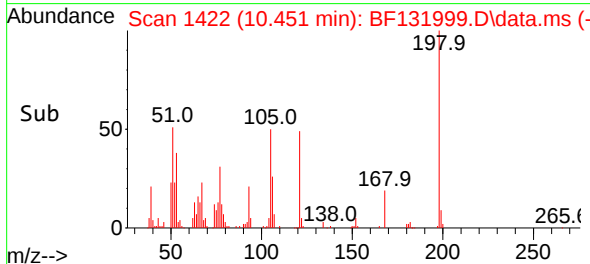
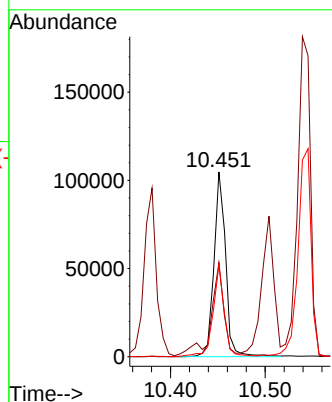
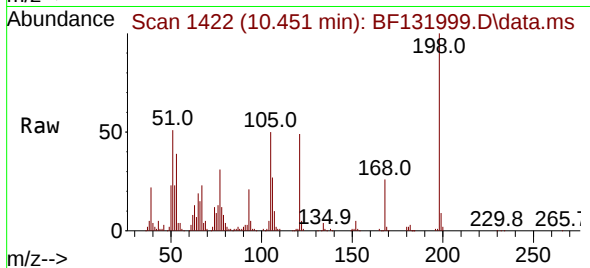
#65
4,6-Dinitro-2-methylphenol
Concen: 40.426 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:198 Resp: 8969
Ion Ratio Lower Upper
198 100
51 50.9 21.4 61.4
105 49.6 23.0 63.0

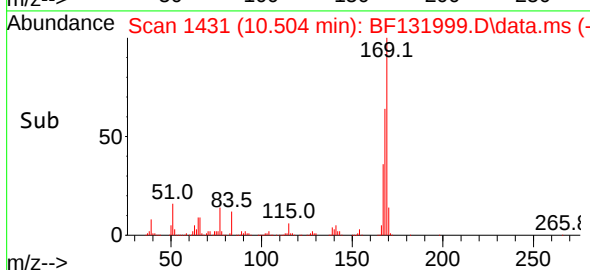
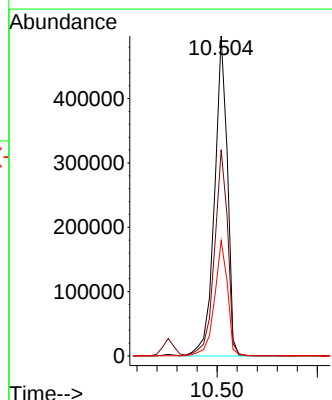
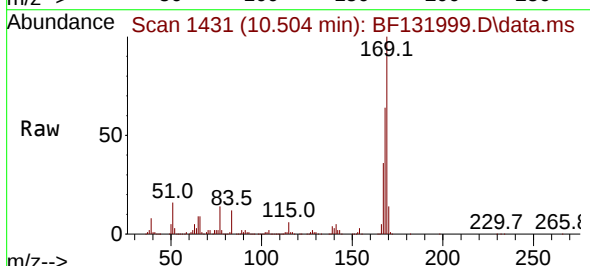
Manual Integrations
APPROVED

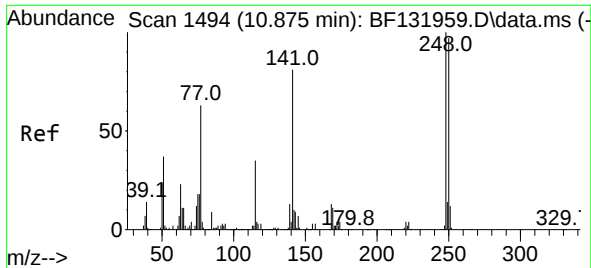
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#66
n-Nitrosodiphenylamine
Concen: 40.940 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

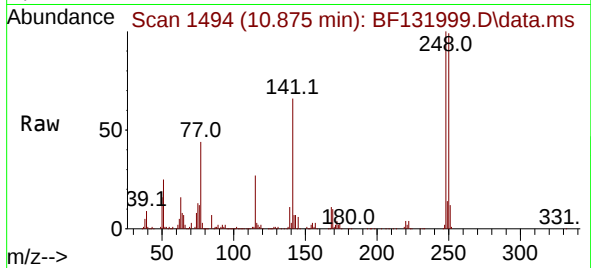
Tgt Ion:169 Resp: 441923
Ion Ratio Lower Upper
169 100
168 64.4 52.5 78.7
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 39.167 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

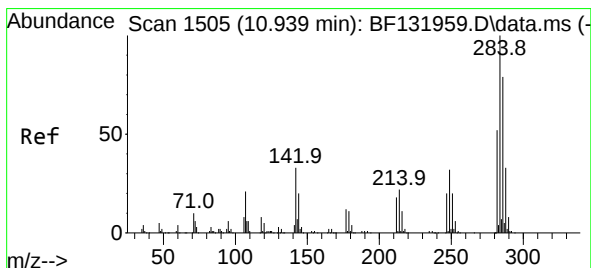
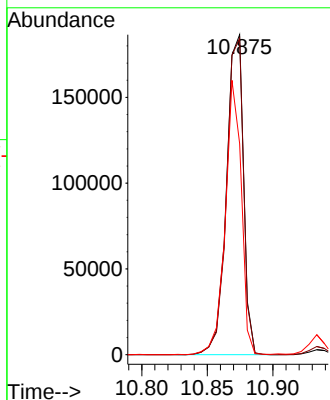
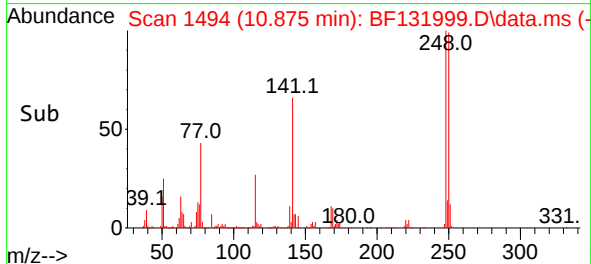
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:248 Resp: 168580
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 65.9 65.0 97.6

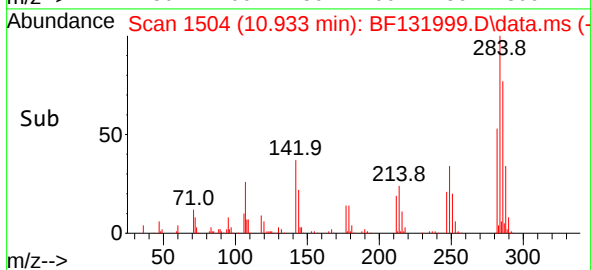
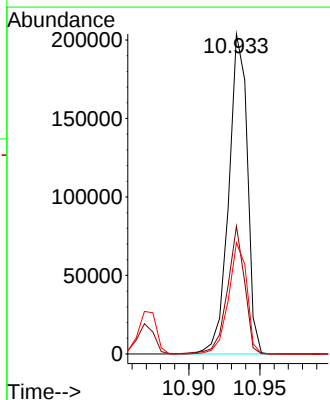
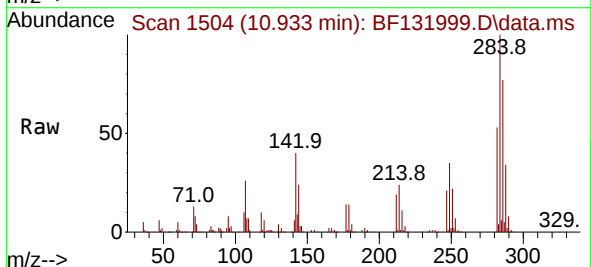
Manual Integrations
APPROVED

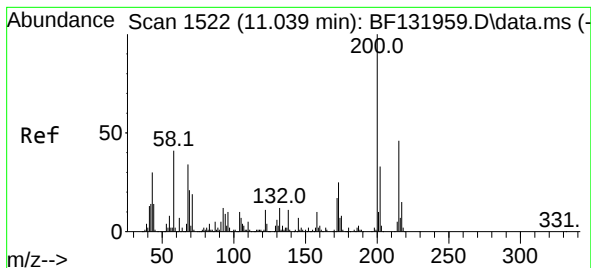
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#68
Hexachlorobenzene
Concen: 42.735 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:284 Resp: 186070
Ion Ratio Lower Upper
284 100
142 40.0 26.4 39.6#
249 34.8 25.4 38.2





#69

Atrazine

Concen: 43.496 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF131999.D

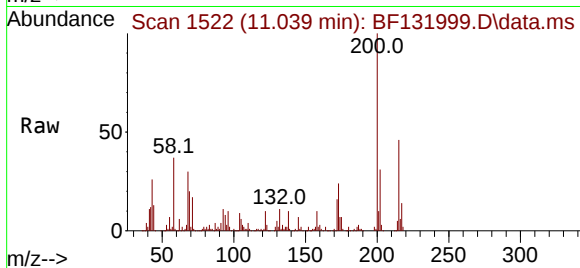
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS



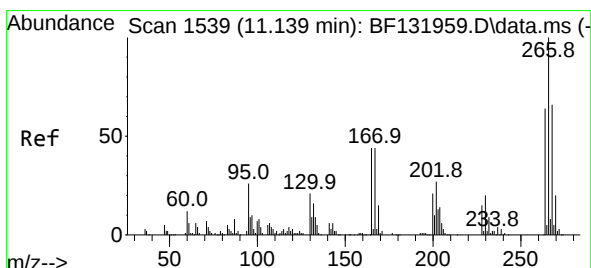
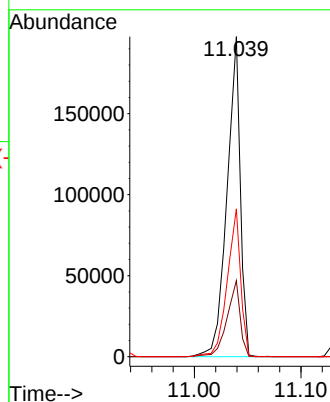
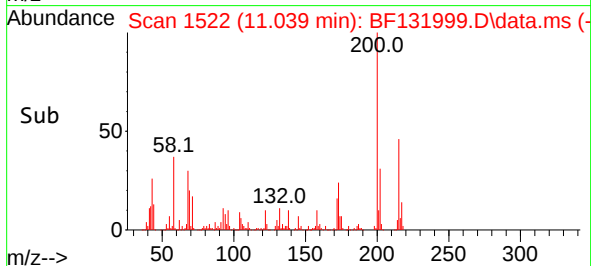
Tgt Ion:200 Resp: 17074

Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.1	45.1
215	46.2	25.6	65.6

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 68.238 ng

RT: 11.139 min Scan# 1539

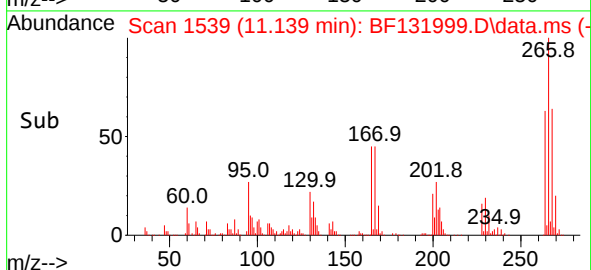
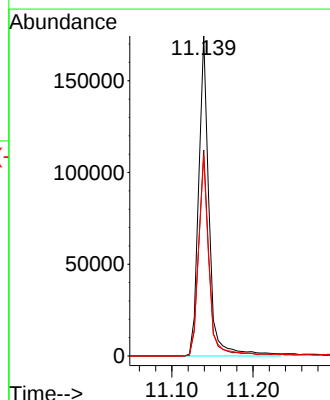
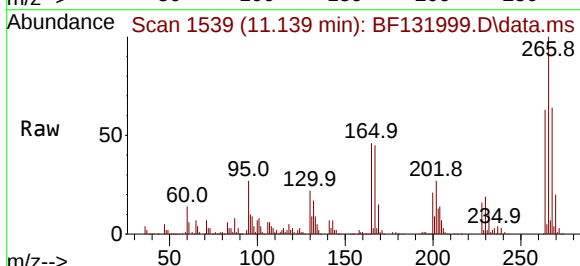
Delta R.T. 0.000 min

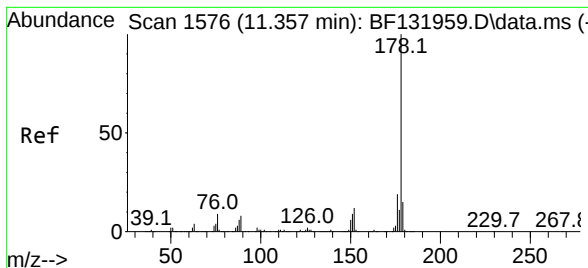
Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Tgt Ion:266 Resp: 156867

Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.7	79.1
264	62.5	51.6	77.4





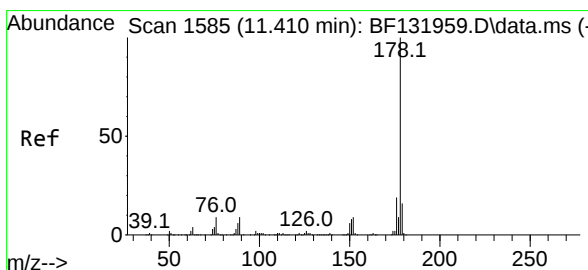
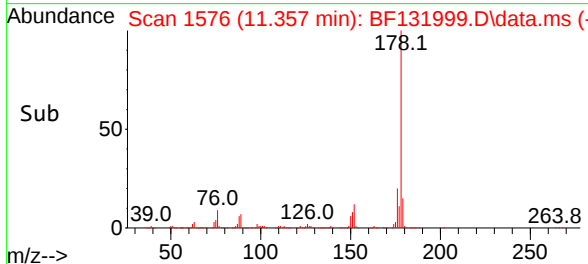
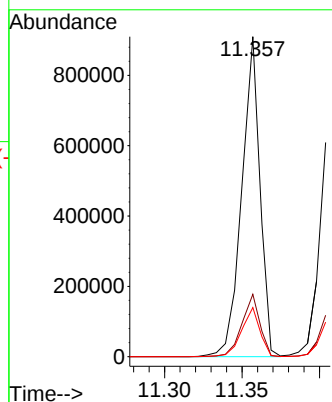
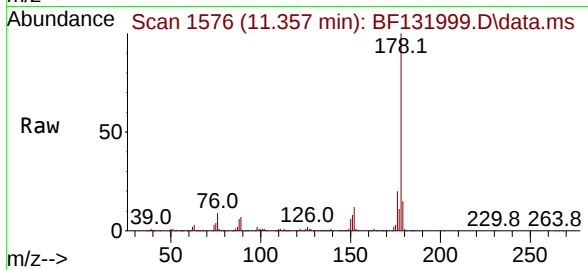
#71
Phenanthrene
Concen: 41.482 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:178 Resp: 744034
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.4 18.6

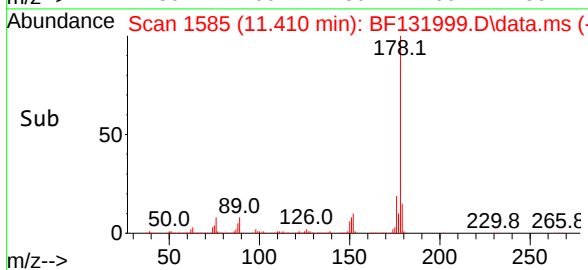
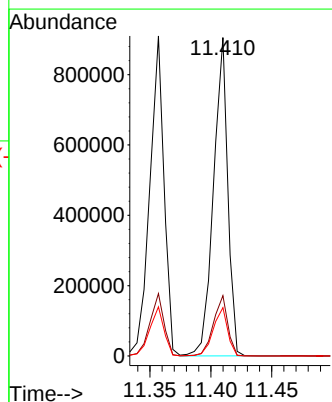
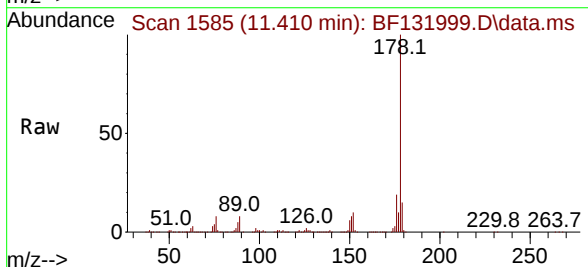
Manual Integrations
APPROVED

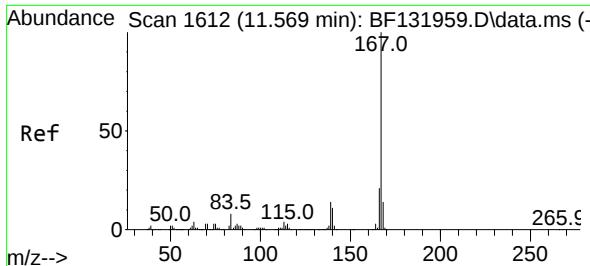
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#72
Anthracene
Concen: 39.855 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

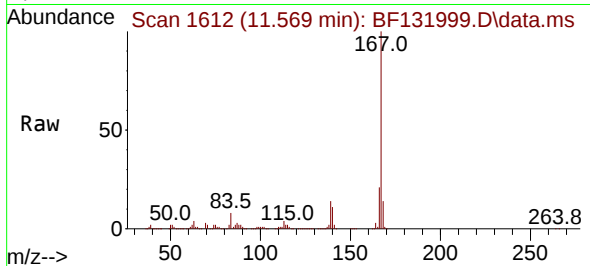
Tgt Ion:178 Resp: 735904
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.6 19.0





#73
 Carbazole
 Concen: 41.808 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

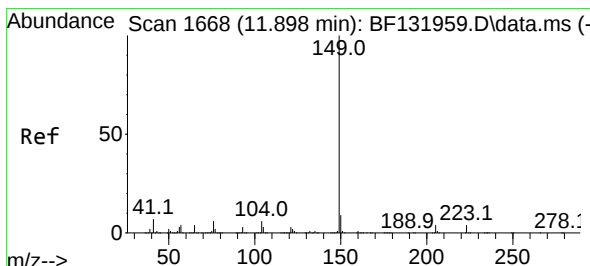
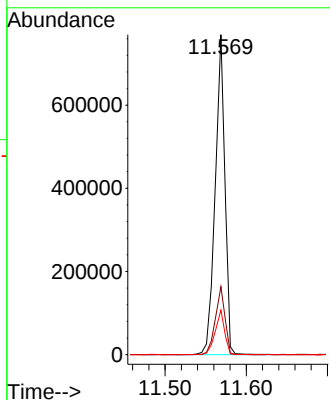
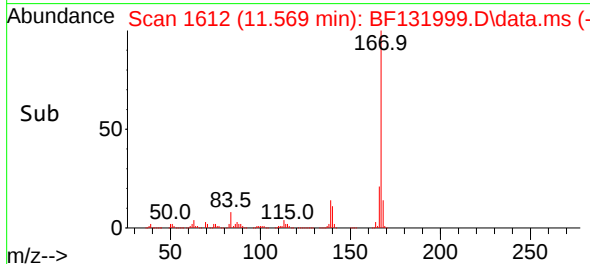
Instrument :
 BNA_F
 ClientSampleId :
 PB150165BS



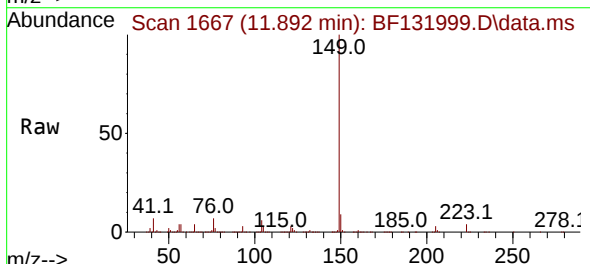
Tgt Ion:167 Resp: 639108
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 14.0 11.1 16.7

Manual Integrations
 APPROVED

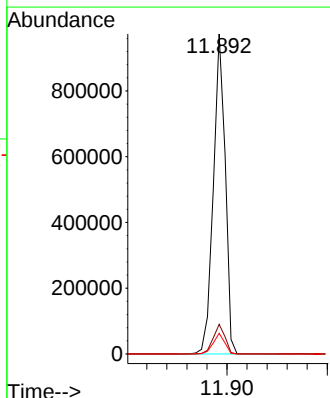
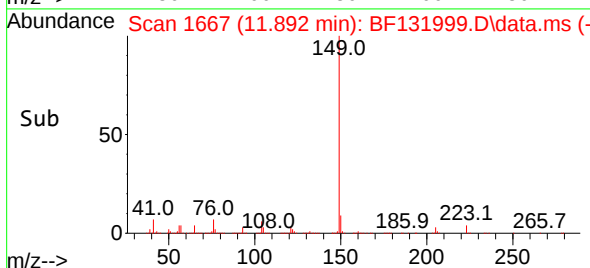
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023

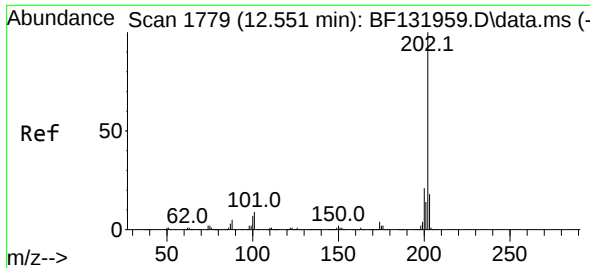


#74
 Di-n-butylphthalate
 Concen: 37.450 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45



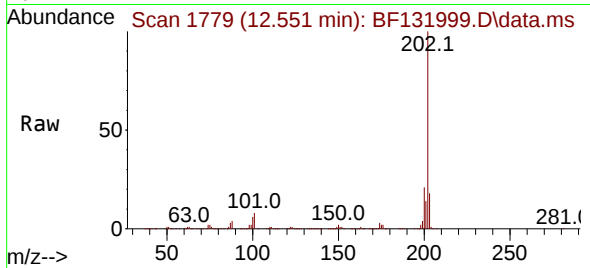
Tgt Ion:149 Resp: 797153
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 6.4 5.0 7.6





#75
Fluoranthene
Concen: 39.272 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

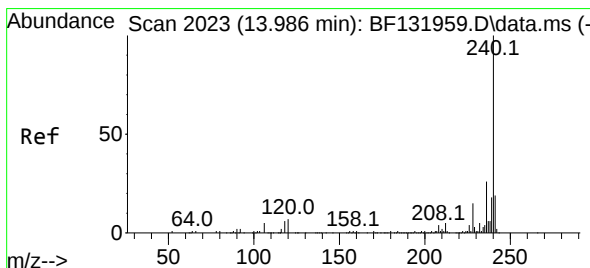
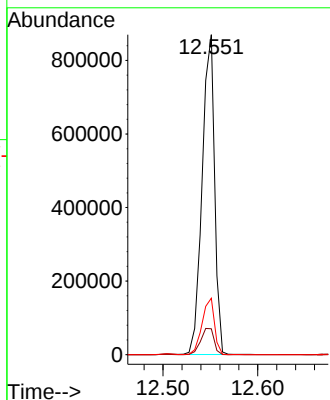
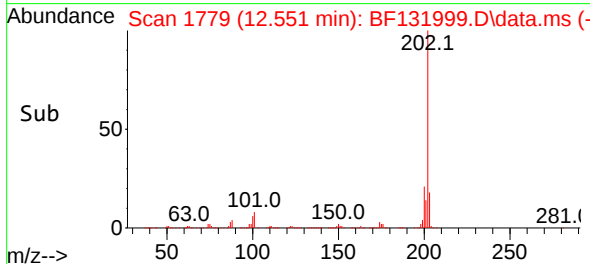
Instrument :
BNA_F
ClientSampleId :
PB150165BS



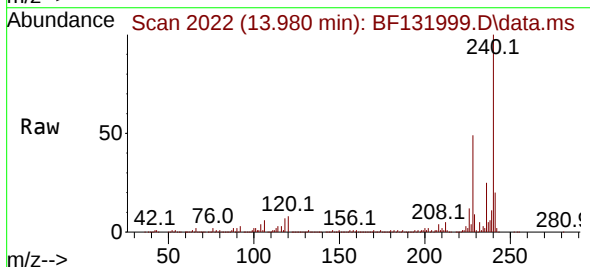
Tgt Ion:202 Resp: 79219
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 17.7 0.0 37.6

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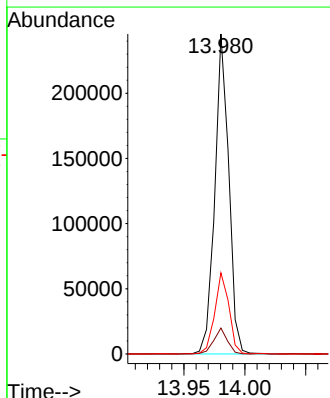
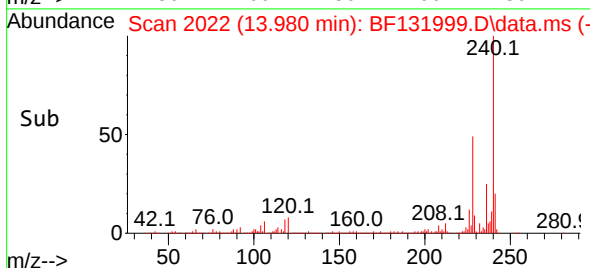
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

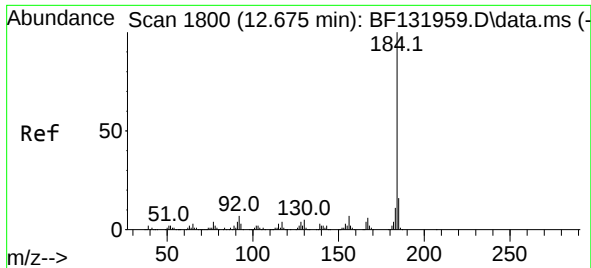


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



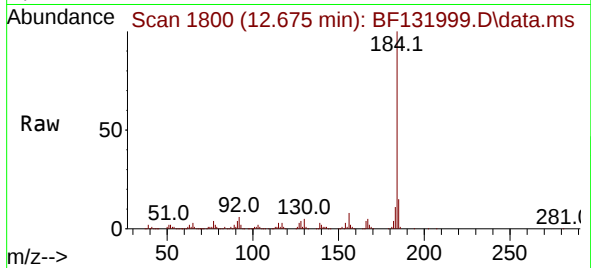
Tgt Ion:240 Resp: 196358
Ion Ratio Lower Upper
240 100
120 8.1 5.4 8.0#
236 25.3 21.1 31.7





#77
Benzidine
Concen: 23.296 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

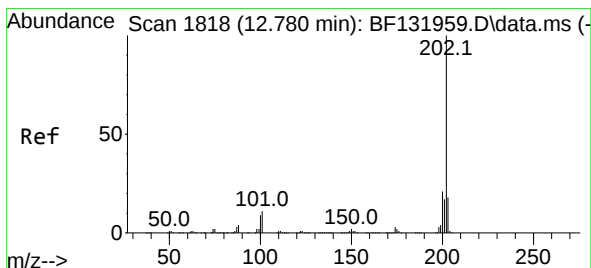
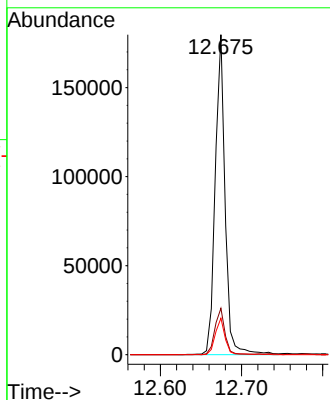
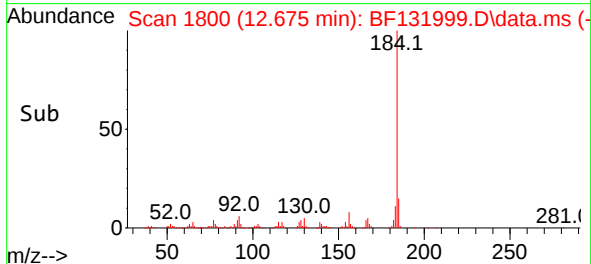
Instrument :
BNA_F
ClientSampleId :
PB150165BS



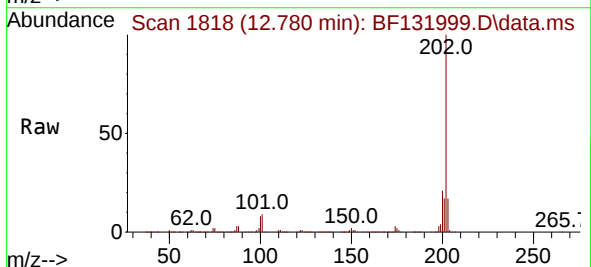
Tgt Ion:184 Resp: 151968
Ion Ratio Lower Upper
184 100
185 14.5 12.8 19.2
183 11.4 9.0 13.4

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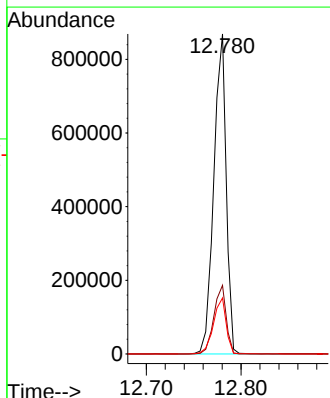
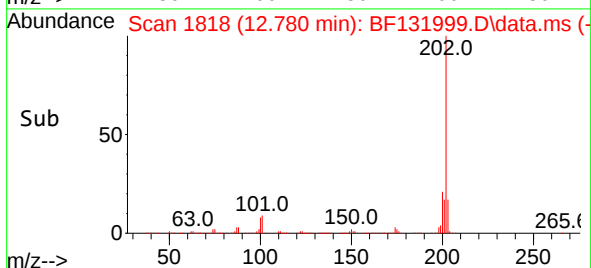
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

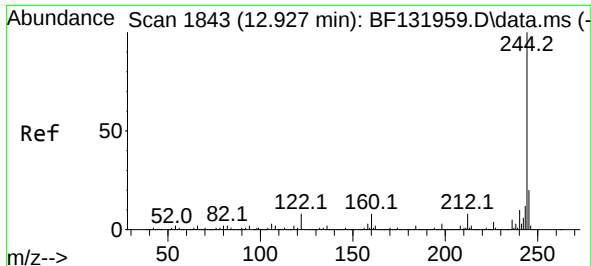


#78
Pyrene
Concen: 43.995 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45



Tgt Ion:202 Resp: 787905
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.5 14.1 21.1





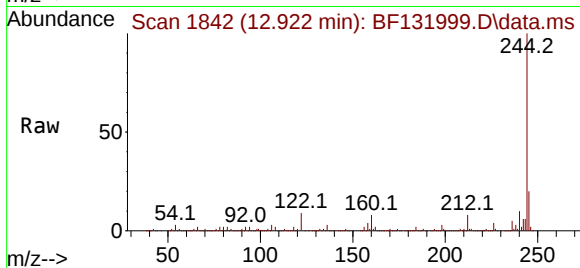
#79
 Terphenyl-d14
 Concen: 90.093 ng
 RT: 12.922 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

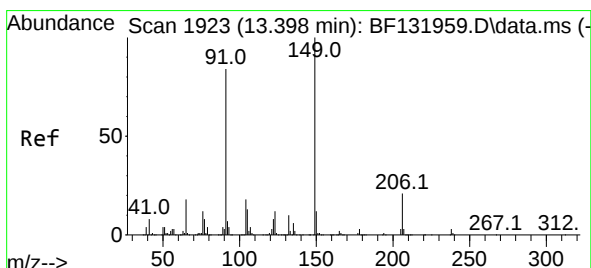
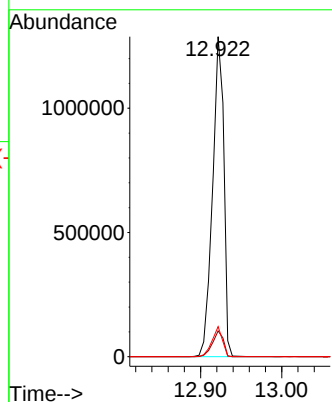
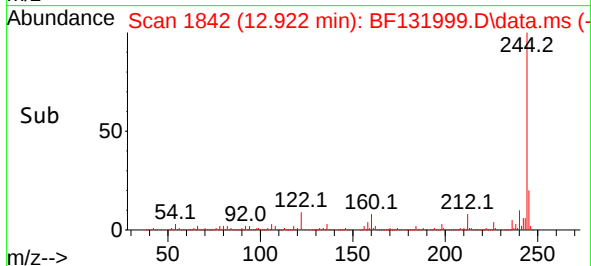


Tgt Ion:244 Resp: 1234260
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.4 6.8 10.2

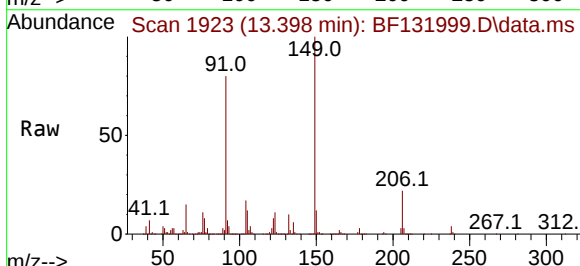
Manual Integrations

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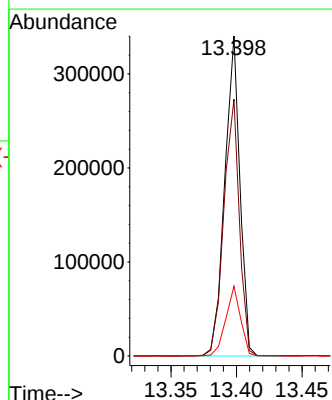
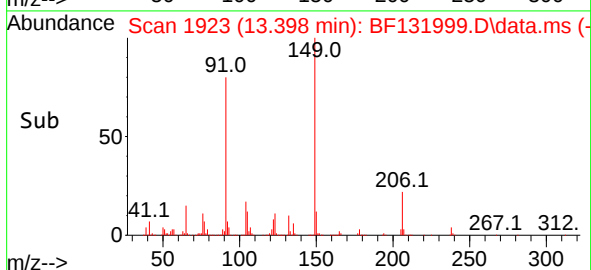
Reviewed By :Christian Giraldo 01/11/2023
 Supervised By :Jagrut Upadhyay 01/11/2023

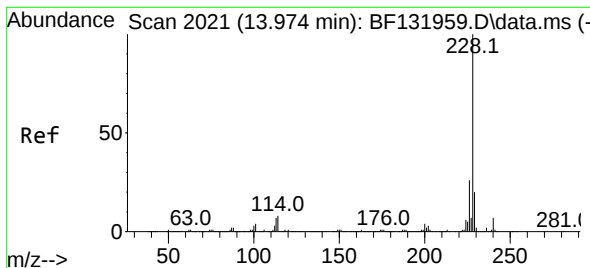


#80
 Butylbenzylphthalate
 Concen: 37.855 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF131999.D
 Acq: 10 Jan 2023 16:45



Tgt Ion:149 Resp: 273646
 Ion Ratio Lower Upper
 149 100
 91 80.2 67.0 100.4
 206 21.8 16.9 25.3





#81

Benzo(a)anthracene

Concen: 39.907 ng

RT: 13.969 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

Tgt Ion:228 Resp: 570099

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

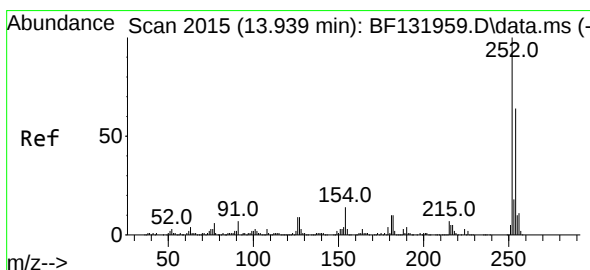
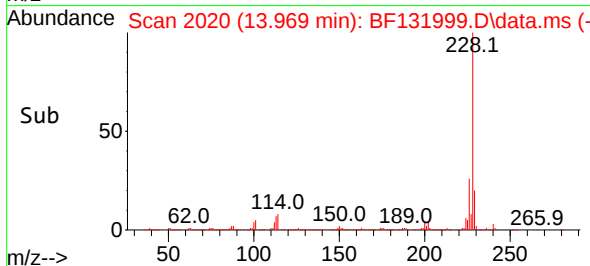
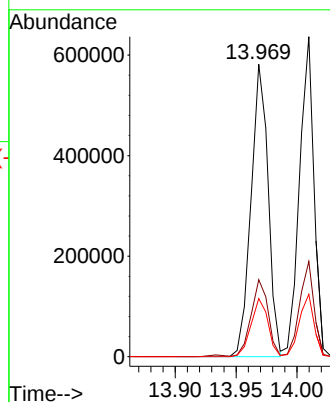
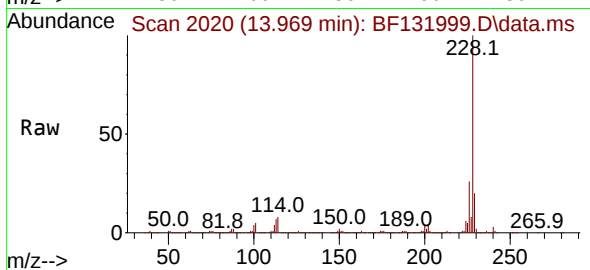
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/11/2023

Supervised By :Jagrut Upadhyay 01/11/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.375 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

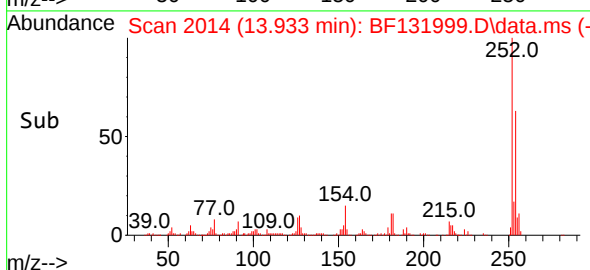
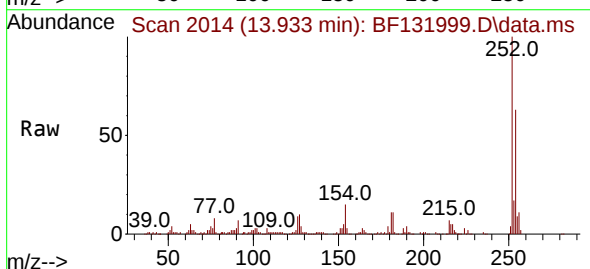
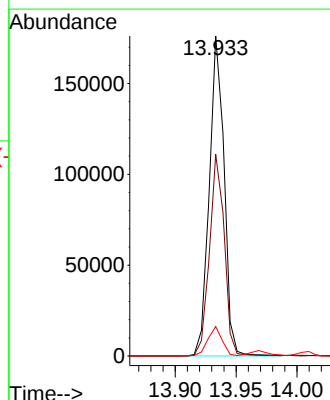
Tgt Ion:252 Resp: 148803

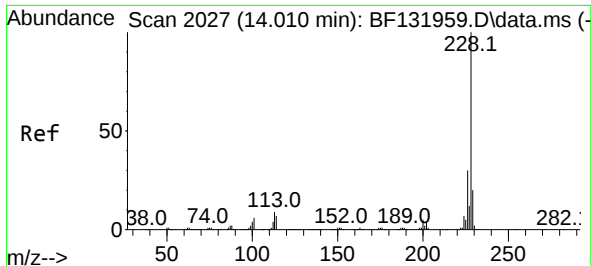
Ion Ratio Lower Upper

252 100

254 63.0 51.5 77.3

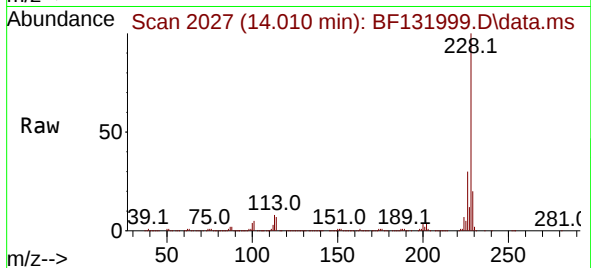
126 9.2 6.9 10.3





#83
Chrysene
Concen: 39.574 ng
RT: 14.010 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

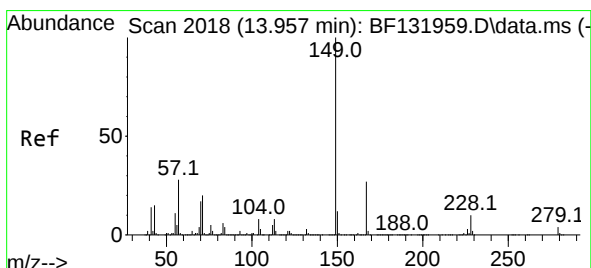
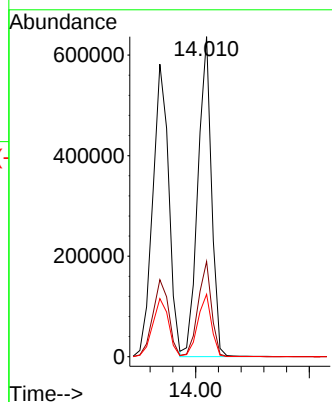
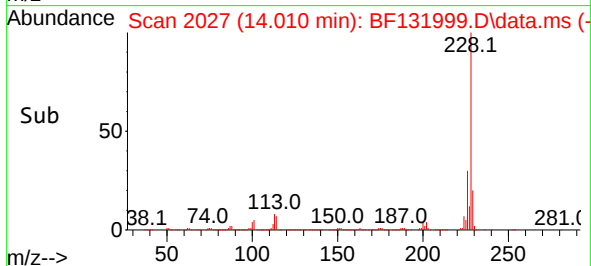
Instrument :
BNA_F
ClientSampleId :
PB150165BS



Tgt Ion:228 Resp: 52834
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.5 16.2 24.4

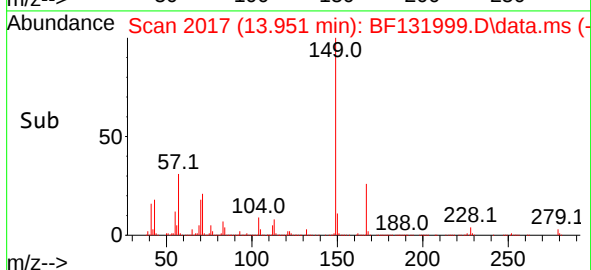
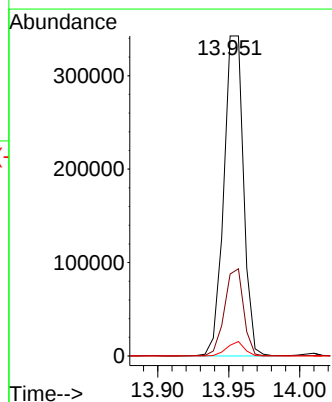
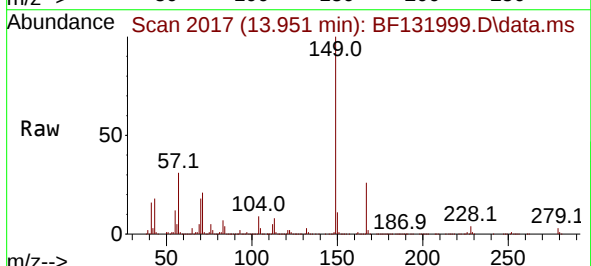
Manual Integrations
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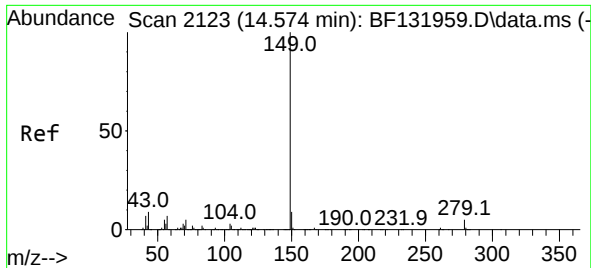
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.782 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:149 Resp: 330842
Ion Ratio Lower Upper
149 100
167 25.6 21.3 31.9
279 3.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 35.024 ng
RT: 14.568 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

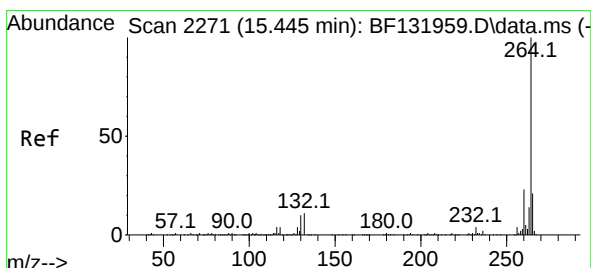
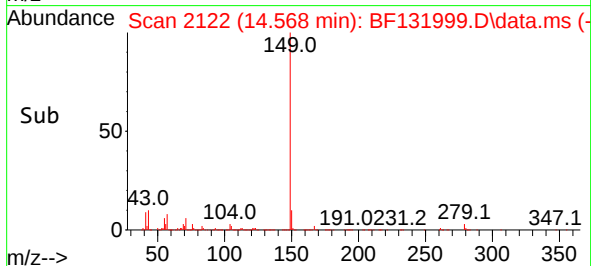
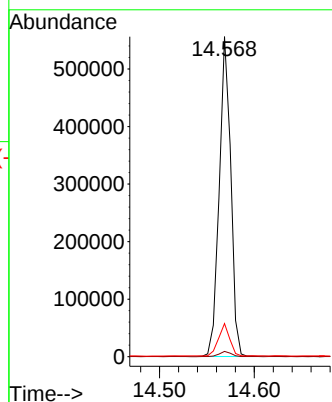
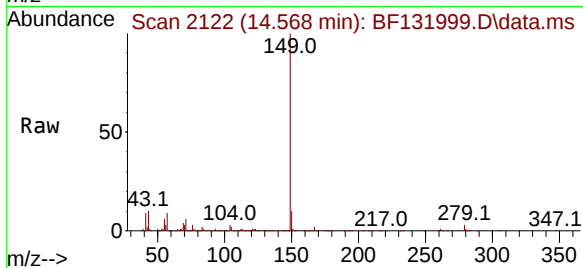
PB150165BS

Tgt Ion:149 Resp: 469375
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.7 7.8 11.6

Manual Integrations

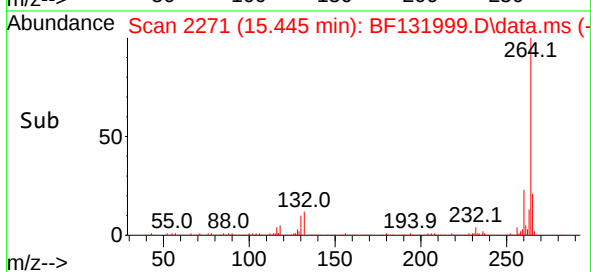
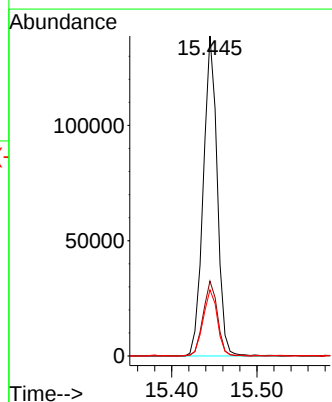
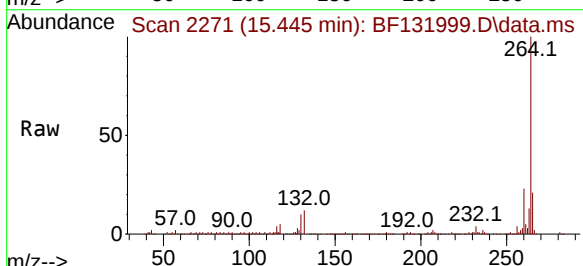
APPROVED

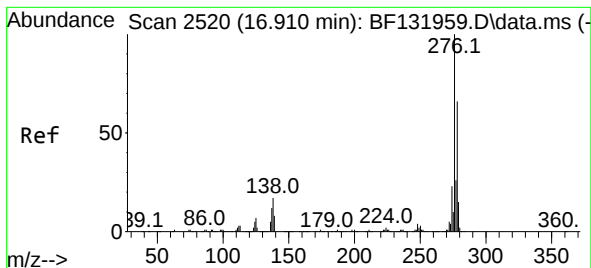
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:264 Resp: 157389
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 20.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.924 ng

RT: 16.915 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

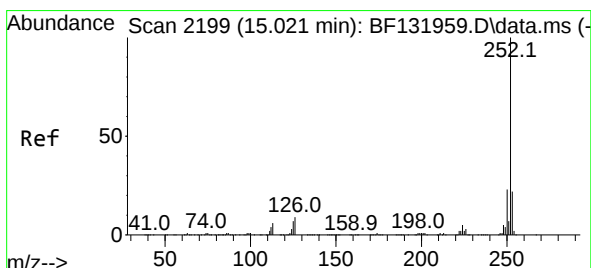
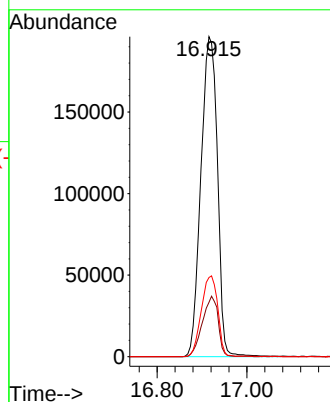
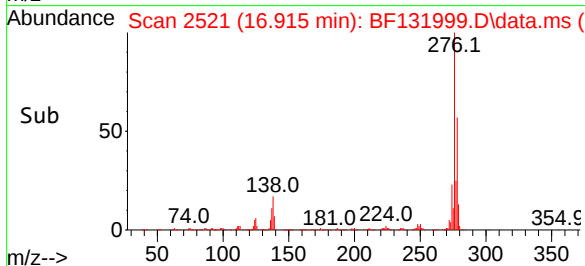
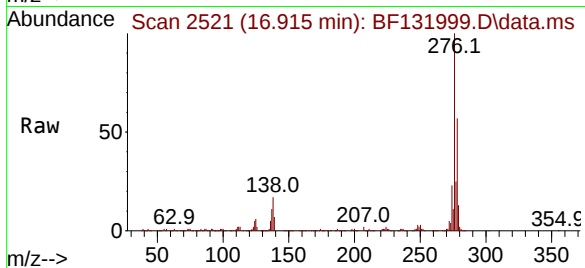
PB150165BS

Tgt Ion:276 Resp: 50120
 Ion Ratio Lower Upper
 276 100
 138 18.0 14.2 21.2
 277 25.1 20.2 30.4

Manual Integrations

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



#88

Benzo(b)fluoranthene

Concen: 43.757 ng

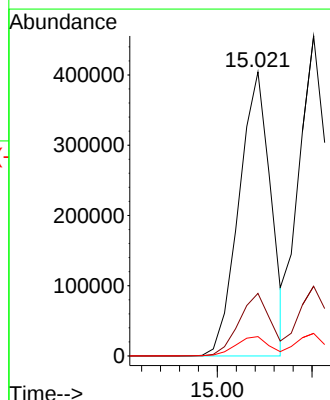
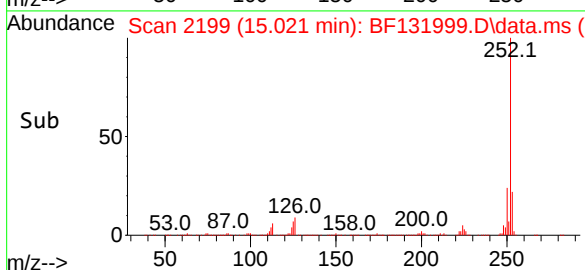
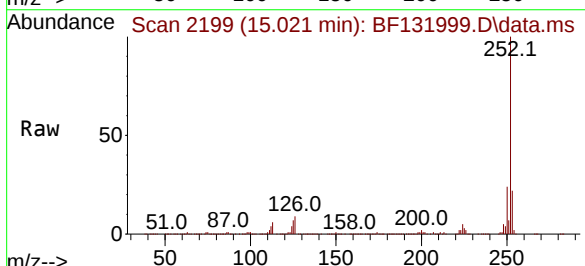
RT: 15.021 min Scan# 2199

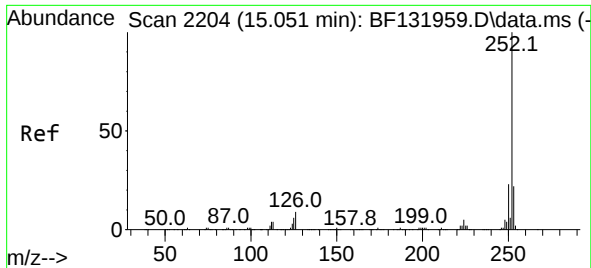
Delta R.T. -0.000 min

Lab File: BF131999.D

Acq: 10 Jan 2023 16:45

Tgt Ion:252 Resp: 472353
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 6.8 5.8 8.6





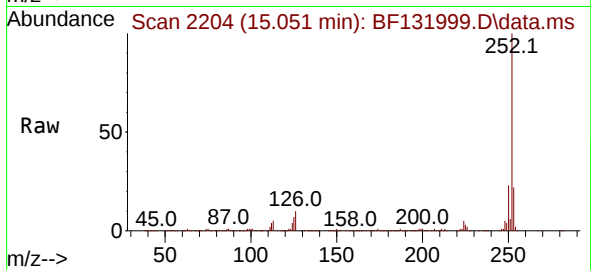
#89
Benzo(k)fluoranthene
Concen: 42.453 ng
RT: 15.051 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :

BNA_F

ClientSampleId :

PB150165BS

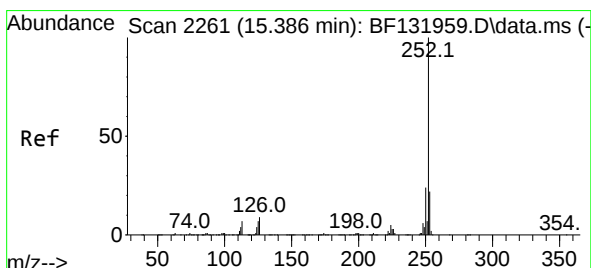
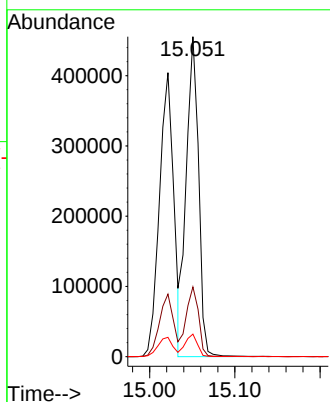
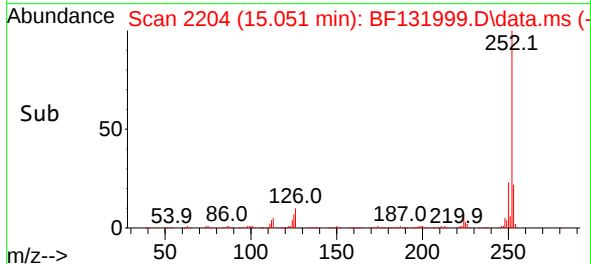


Tgt Ion:252 Resp: 45736
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.1 5.2 7.8

Manual Integrations

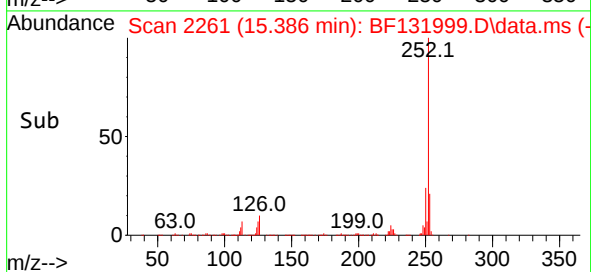
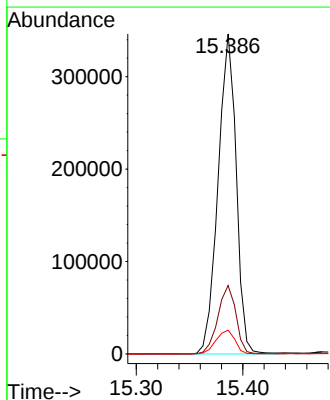
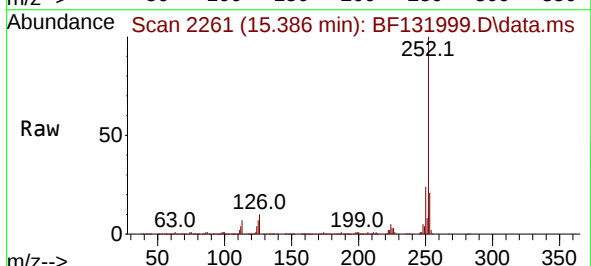
APPROVED

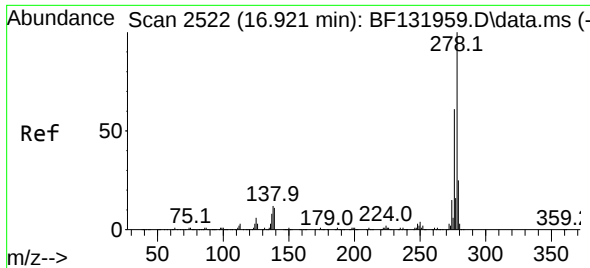
Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023



#90
Benzo(a)pyrene
Concen: 41.978 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:252 Resp: 408284
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 7.5 5.7 8.5





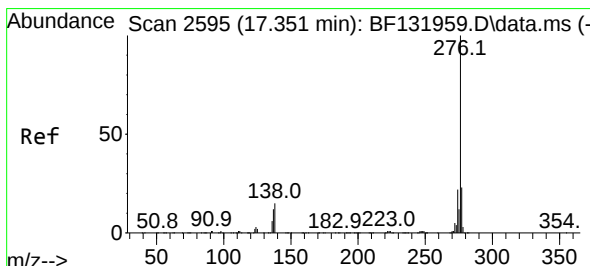
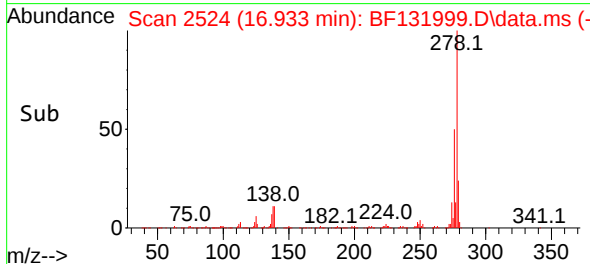
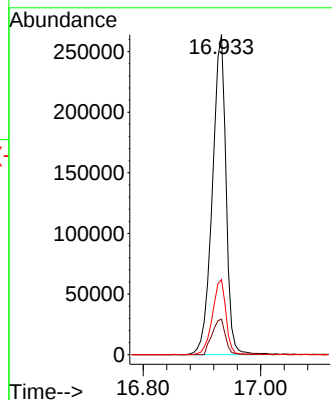
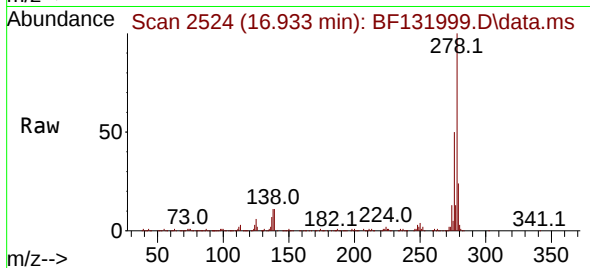
#91
Dibenzo(a,h)anthracene
Concen: 52.636 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.012 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Instrument :
BNA_F
ClientSampleId :
PB150165BS

Tgt Ion:278 Resp: 425909
Ion Ratio Lower Upper
278 100
139 11.1 8.8 13.2
279 23.5 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: 49.430 ng
RT: 17.362 min Scan# 2597
Delta R.T. 0.011 min
Lab File: BF131999.D
Acq: 10 Jan 2023 16:45

Tgt Ion:276 Resp: 429256
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 14.2 11.7 17.5

