

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
 Data File : BF131831.D
 Acq On : 24 Dec 2022 18:37
 Operator : CG\JU
 Sample : PB149872BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149872BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Yogesh Patel 12/28/2022

Quant Time: Dec 26 05:34:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	79645	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	313144	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	191349	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	374556	20.000	ng	0.00
76) Chrysene-d12	14.039	240	295971	20.000	ng	0.00
86) Perylene-d12	15.521	264	182606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	631866	131.476	ng	0.01
7) Phenol-d6	6.475	99	813881	128.899	ng	0.00
23) Nitrobenzene-d5	7.410	82	564911	72.026	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	246667	118.646	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	970474	69.469	ng	0.00
79) Terphenyl-d14	12.980	244	1326715	75.824	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	79230	35.551	ng	96
3) Pyridine	3.357	79	205620	32.819	ng	98
4) n-Nitrosodimethylamine	3.328	42	125071	42.455	ng	98
6) Aniline	6.498	93	259879	33.938	ng	99
8) 2-Chlorophenol	6.622	128	226489	44.731	ng	98
9) Benzaldehyde	6.381	77	40566	10.013	ng	93
10) Phenol	6.487	94	315720	41.988	ng	94
11) bis(2-Chloroethyl)ether	6.575	93	241490	44.912	ng	99
12) 1,3-Dichlorobenzene	6.775	146	244507	42.257	ng	99
13) 1,4-Dichlorobenzene	6.851	146	247814	42.497	ng	98
14) 1,2-Dichlorobenzene	7.004	146	237613	43.365	ng	97
15) Benzyl Alcohol	6.987	79	247071	44.622	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	309266	45.070	ng	98
17) 2-Methylphenol	7.098	107	198889	42.967	ng	98
18) Hexachloroethane	7.345	117	100716	42.772	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	193504	43.393	ng	99
20) 3+4-Methylphenols	7.251	107	252690	41.838	ng	100
22) Acetophenone	7.251	105	366252	39.895	ng	99
24) Nitrobenzene	7.428	77	300456	38.225	ng	99
25) Isophorone	7.669	82	533638	41.663	ng	99
26) 2-Nitrophenol	7.745	139	121835	39.866	ng	97
27) 2,4-Dimethylphenol	7.781	122	197077	45.208	ng	94
28) bis(2-Chloroethoxy)met...	7.881	93	294654	42.880	ng	100
29) 2,4-Dichlorophenol	7.986	162	200512	38.178	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	236611	37.997	ng	99
31) Naphthalene	8.151	128	640564	37.352	ng	99
32) Benzoic acid	7.922	122	134420	42.187	ng	93
33) 4-Chloroaniline	8.204	127	186061	28.276	ng	98
34) Hexachlorobutadiene	8.263	225	159748	37.497	ng	99
35) Caprolactam	8.586	113	62070m	39.916	ng	
36) 4-Chloro-3-methylphenol	8.692	107	232239	39.125	ng	97
37) 2-Methylnaphthalene	8.845	142	434613	37.760	ng	99
38) 1-Methylnaphthalene	8.945	142	409272	36.608	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	248901	37.046	ng	99
41) Hexachlorocyclopentadiene	8.992	237	248917	82.577	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	156884	36.458	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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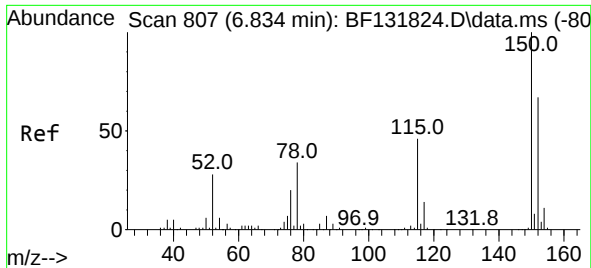
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	166828	35.865	ng	97
46) 1,1'-Biphenyl	9.310	154	549134	37.484	ng	99
47) 2-Chloronaphthalene	9.339	162	442672	36.524	ng	99
48) 2-Nitroaniline	9.439	65	160545	36.139	ng	96
49) Acenaphthylene	9.757	152	654361	36.259	ng	100
50) Dimethylphthalate	9.622	163	531220	36.696	ng	99
51) 2,6-Dinitrotoluene	9.681	165	117740	37.572	ng	96
52) Acenaphthene	9.928	154	394764	36.244	ng	98
53) 3-Nitroaniline	9.851	138	82247	25.758	ng	99
54) 2,4-Dinitrophenol	9.963	184	145356	80.601	ng	98
55) Dibenzofuran	10.098	168	607110	36.179	ng	97
56) 4-Nitrophenol	10.028	139	175598	78.504	ng	96
57) 2,4-Dinitrotoluene	10.092	165	163278	38.099	ng	96
58) Fluorene	10.445	166	493329	36.011	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	139551m	36.558	ng	
60) Diethylphthalate	10.322	149	520367	37.348	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	265835	37.327	ng	99
62) 4-Nitroaniline	10.475	138	118918	35.735	ng	97
63) Azobenzene	10.598	77	567381	36.693	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	95764	37.551	ng	84
66) n-Nitrosodiphenylamine	10.557	169	431288	37.748	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	162415	37.413	ng	94
68) Hexachlorobenzene	10.992	284	178933	37.522	ng	# 92
69) Atrazine	11.092	200	166507	44.266	ng	98
70) Pentachlorophenol	11.192	266	199530	84.557	ng	98
71) Phenanthrene	11.410	178	749551	36.391	ng	100
72) Anthracene	11.463	178	761980	37.817	ng	99
73) Carbazole	11.622	167	687012	38.622	ng	98
74) Di-n-butylphthalate	11.945	149	817087	38.003	ng	100
75) Fluoranthene	12.604	202	896177	37.354	ng	99
77) Benzidine	12.727	184	215995	44.408	ng	99
78) Pyrene	12.833	202	906410	36.538	ng	99
80) Butylbenzylphthalate	13.457	149	351062	38.154	ng	100
81) Benzo(a)anthracene	14.027	228	797175	37.201	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	227176	36.678	ng	98
83) Chrysene	14.068	228	734443	36.473	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	452044	40.349	ng	# 97
85) Di-n-octyl phthalate	14.633	149	636039	42.173	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	460451	39.690	ng	99
88) Benzo(b)fluoranthene	15.092	252	597874	44.653	ng	99
89) Benzo(k)fluoranthene	15.121	252	570134	44.070	ng	99
90) Benzo(a)pyrene	15.462	252	471206	45.456	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	392019	41.254	ng	98
92) Benzo(g,h,i)perylene	17.480	276	392147	36.323	ng	97

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

Manual Integrations

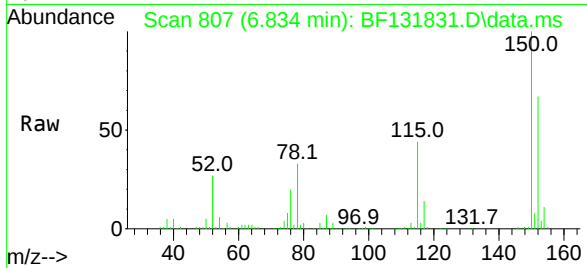
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

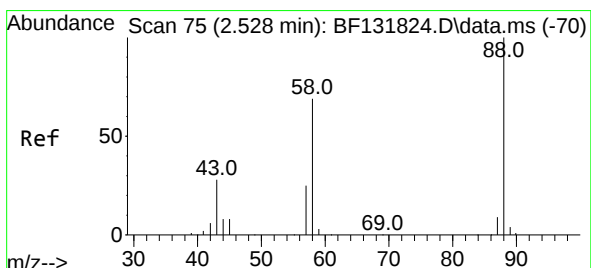
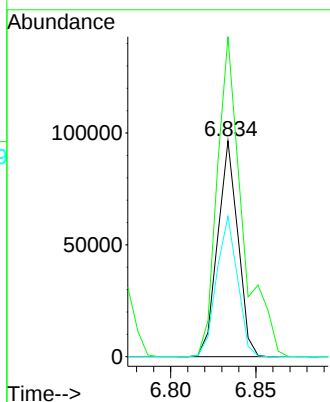
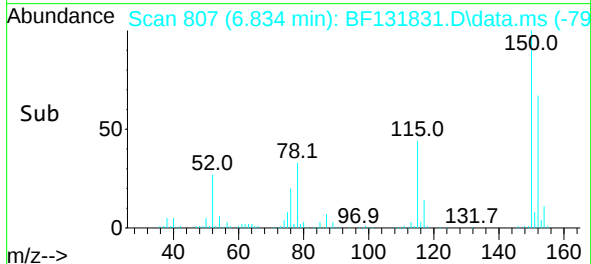
Instrument :
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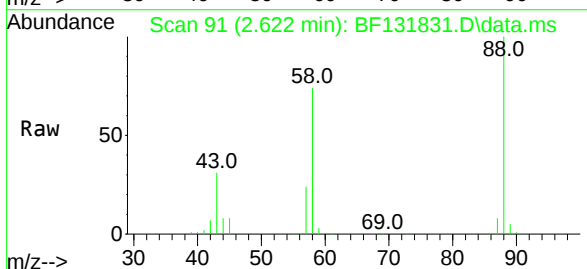
Tgt Ion:152 Resp: 7964
Ion Ratio Lower Upper
152 100
150 148.2 120.0 180.0
115 65.0 55.1 82.7

Manual Integrations
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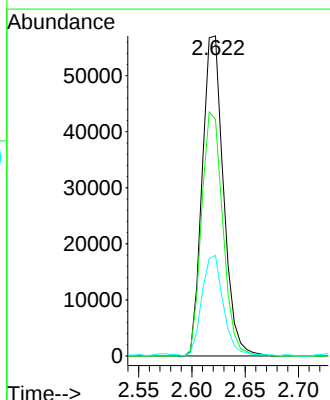
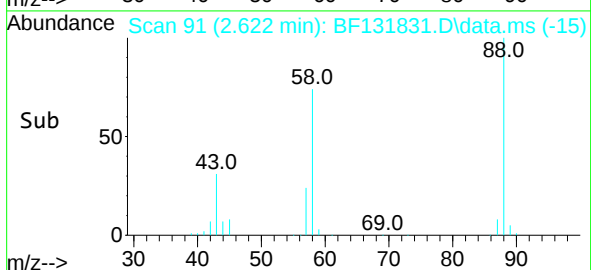
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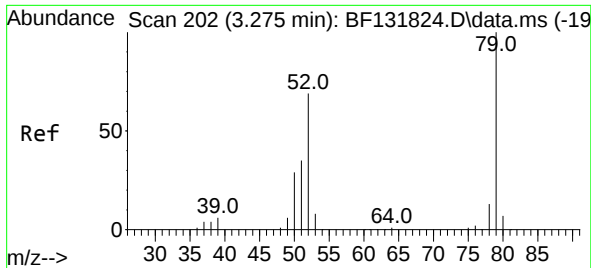


#2
1,4-Dioxane
Concen: 35.551 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.094 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



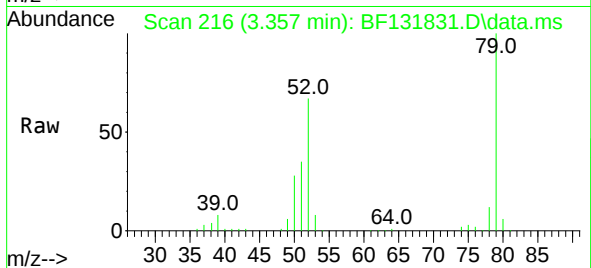
Tgt Ion: 88 Resp: 79230
Ion Ratio Lower Upper
88 100
58 76.4 58.2 87.2
43 32.0 24.2 36.4





#3
Pyridine
Concen: 32.819 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

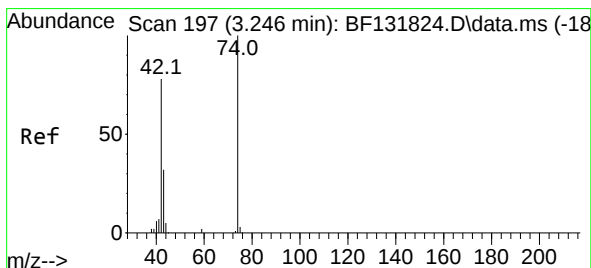
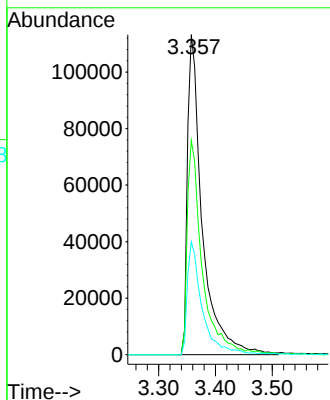
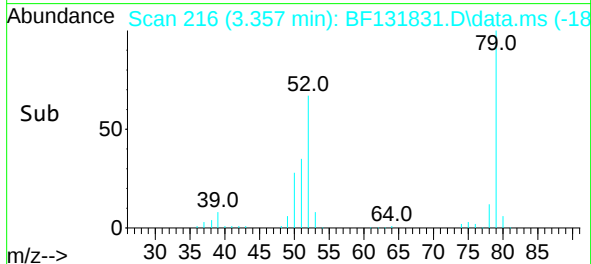
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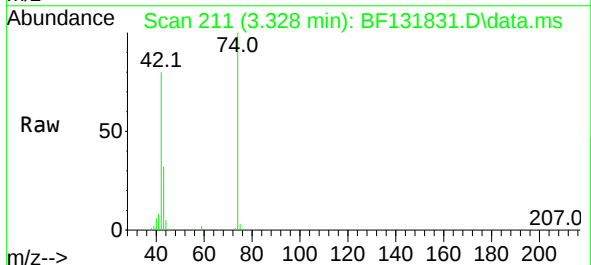
Tgt Ion: 79 Resp: 205620
Ion Ratio Lower Upper
79 100
52 66.9 55.4 83.2
51 35.2 27.8 41.8

Manual Integrations
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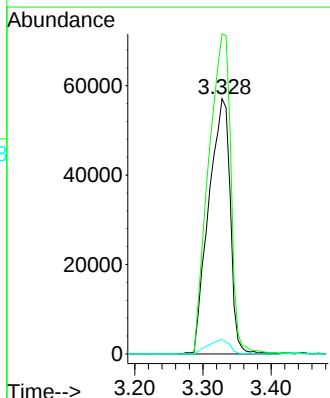
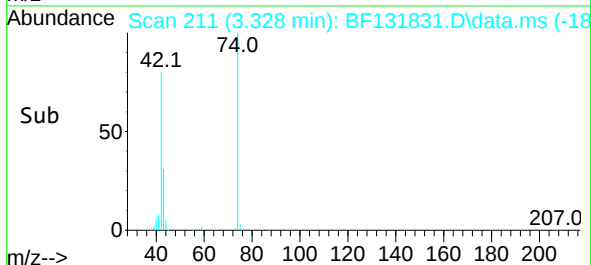
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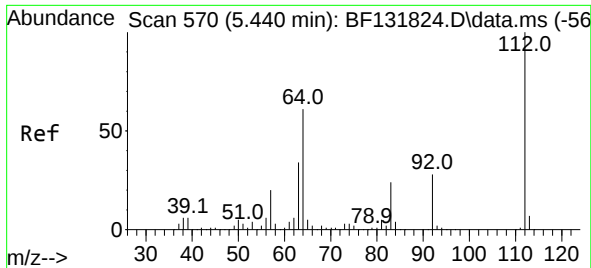


#4
n-Nitrosodimethylamine
Concen: 42.455 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



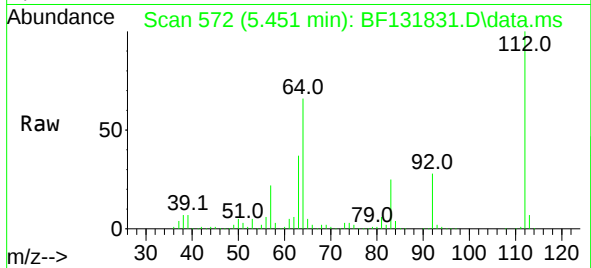
Tgt Ion: 42 Resp: 125071
Ion Ratio Lower Upper
42 100
74 125.4 102.0 153.0
44 5.7 4.6 7.0





#5
2-Fluorophenol
Concen: 131.476 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

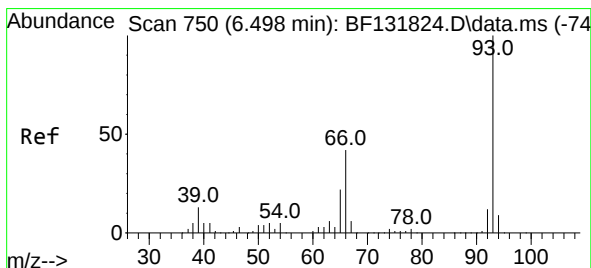
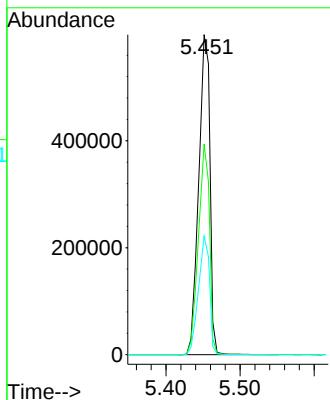
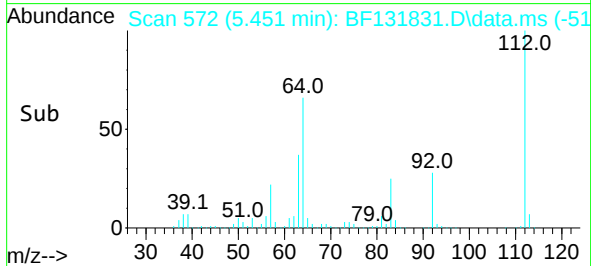
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Tgt Ion:112 Resp: 631860
Ion Ratio Lower Upper
112 100
64 65.8 49.2 73.8
63 37.1 27.5 41.3

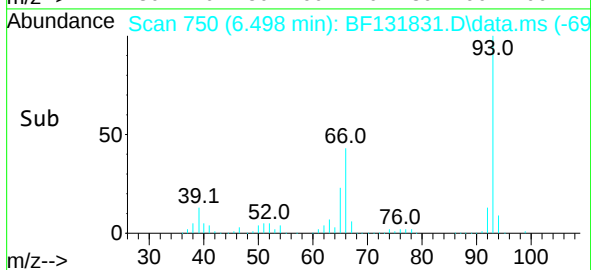
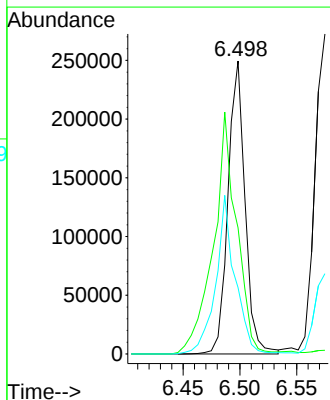
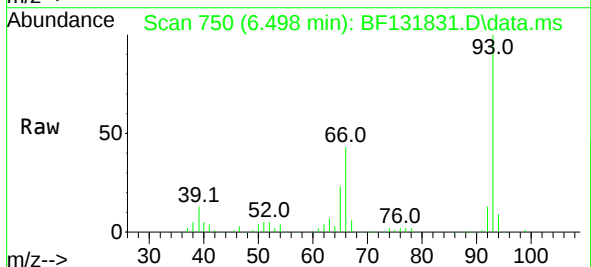
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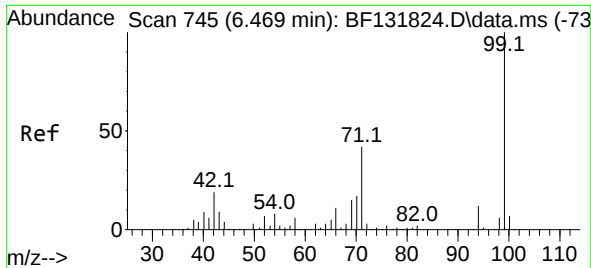
Reviewed By :Christian Giraldo 12/28/2022
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#6
Aniline
Concen: 33.938 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

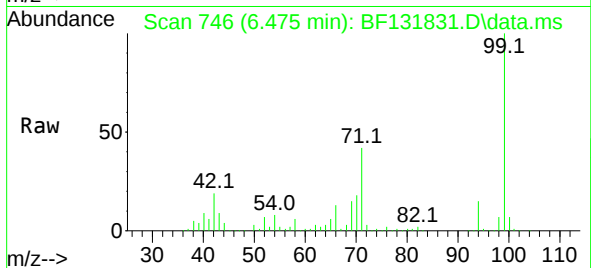
Tgt Ion: 93 Resp: 259879
Ion Ratio Lower Upper
93 100
66 43.1 33.9 50.9
65 22.7 17.4 26.0





#7
Phenol-d6
Concen: 128.899 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

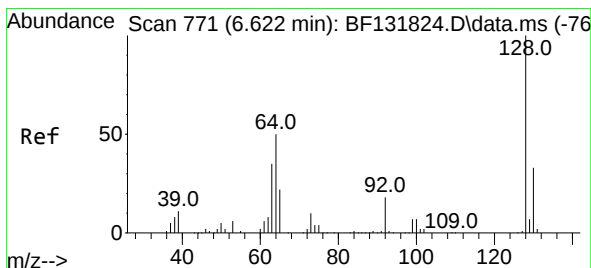
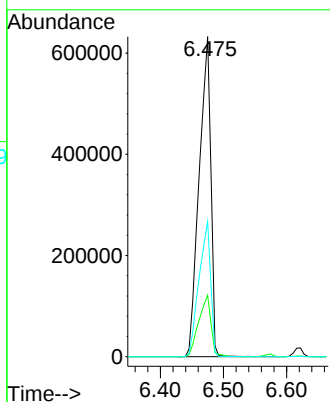
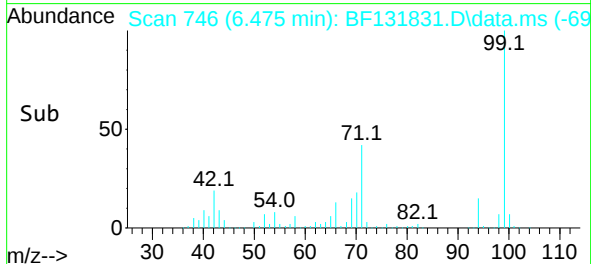
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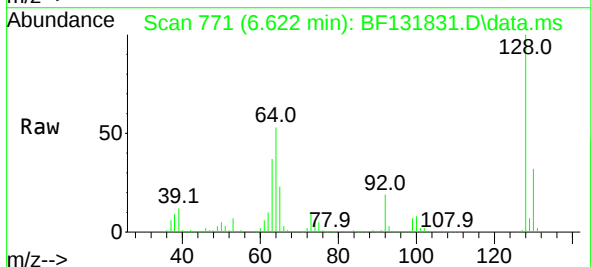
Tgt Ion: 99 Resp: 81388
Ion Ratio Lower Upper
99 100
42 19.2 15.3 22.9
71 42.2 33.5 50.3

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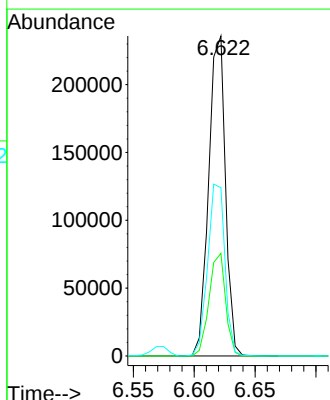
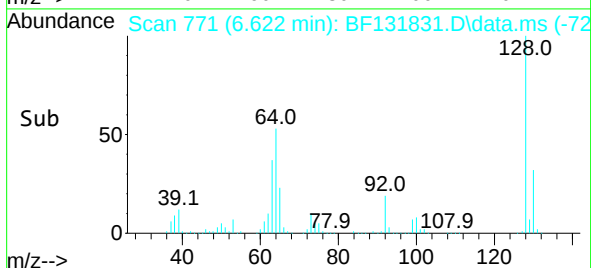
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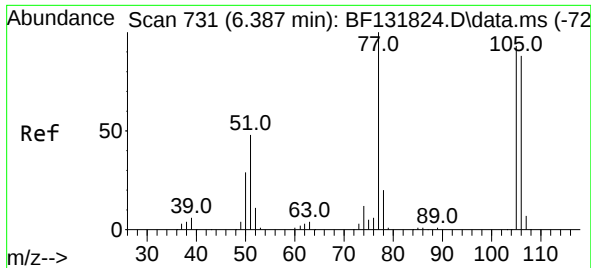


#8
2-Chlorophenol
Concen: 44.731 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:128 Resp: 226489
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 52.6 30.7 70.7





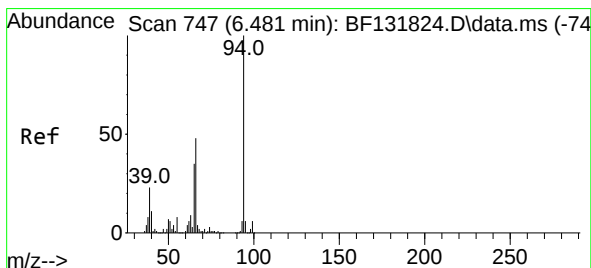
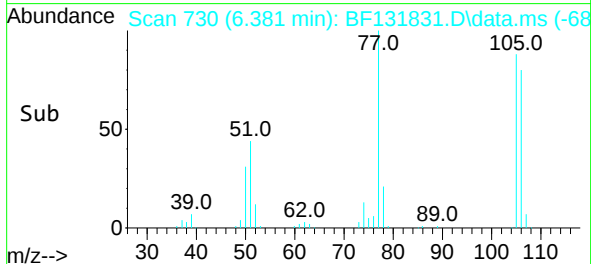
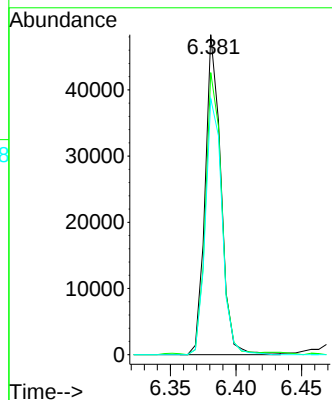
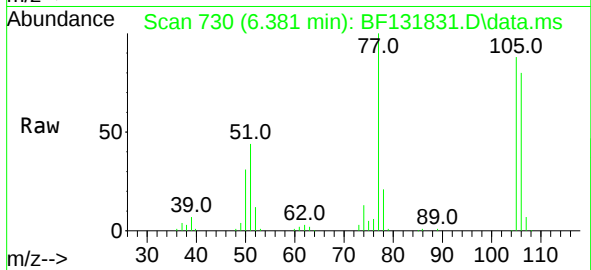
#9
Benzaldehyde
Concen: 10.013 ng
RT: 6.381 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131831.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 40560
Ion Ratio Lower Upper
77 100
105 88.1 72.9 112.9
106 80.0 68.5 108.5

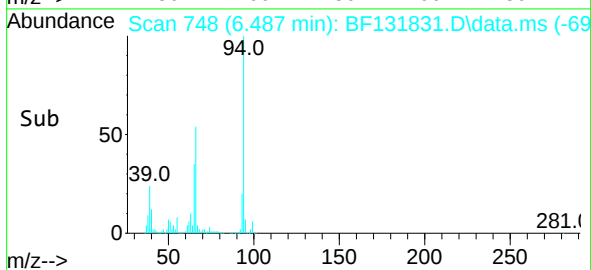
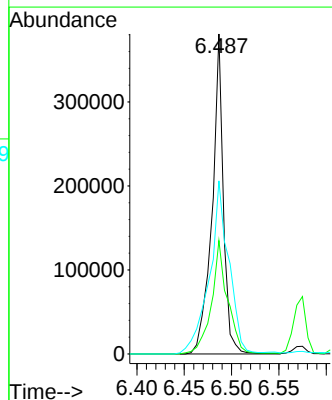
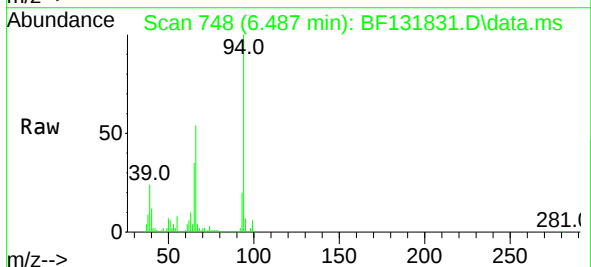
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APPROVED

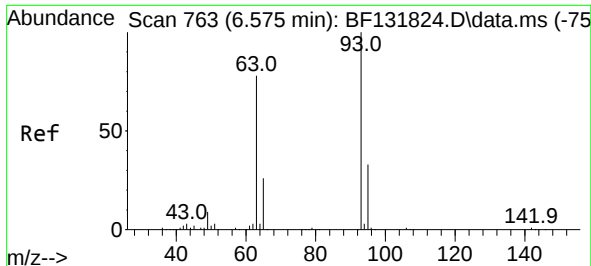
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#10
Phenol
Concen: 41.988 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion: 94 Resp: 315720
Ion Ratio Lower Upper
94 100
65 35.5 14.6 54.6
66 54.1 28.2 68.2





#11

bis(2-Chloroethyl)ether

Concen: 44.912 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

Tgt Ion: 93 Resp: 241490

Ion Ratio Lower Upper

93 100

63 76.5 57.6 97.6

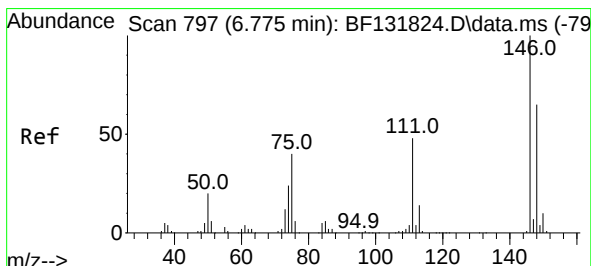
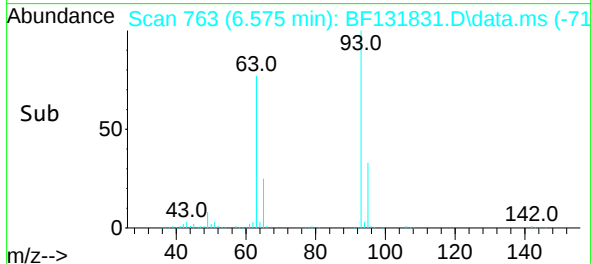
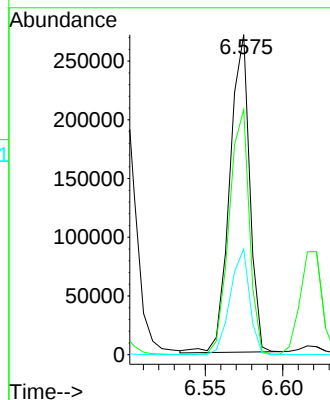
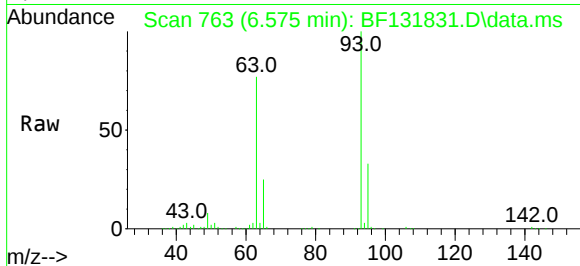
95 33.1 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#12

1,3-Dichlorobenzene

Concen: 42.257 ng

RT: 6.775 min Scan# 797

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

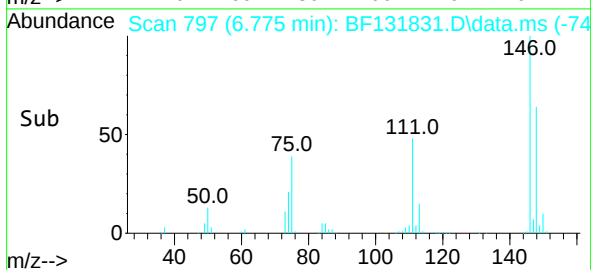
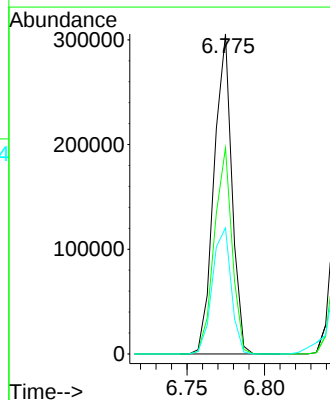
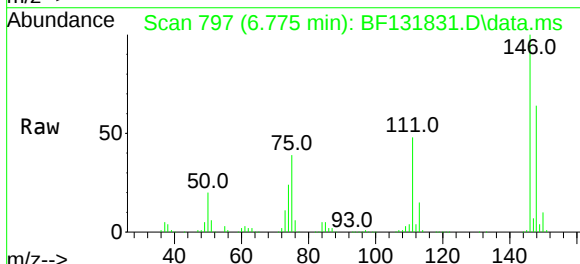
Tgt Ion:146 Resp: 244507

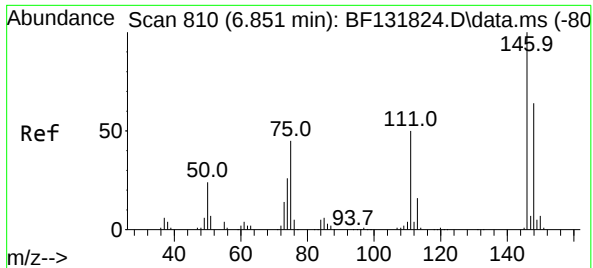
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 39.4 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.497 ng

RT: 6.851 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

Tgt Ion:146 Resp: 247814

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

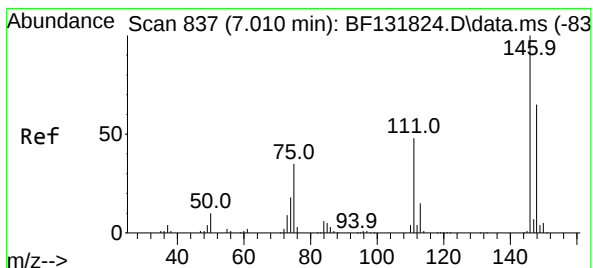
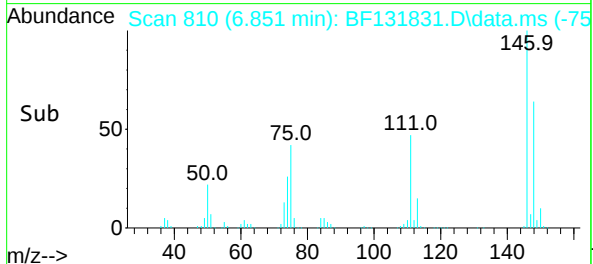
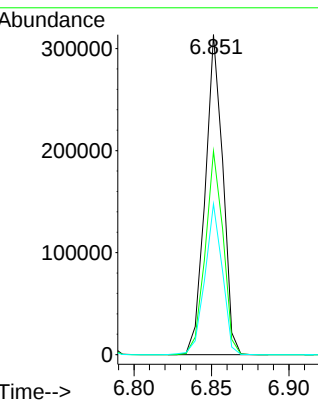
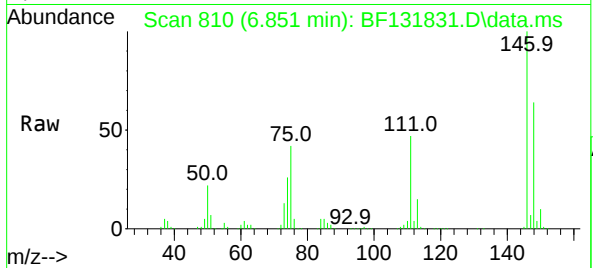
111 47.1 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#14

1,2-Dichlorobenzene

Concen: 43.365 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

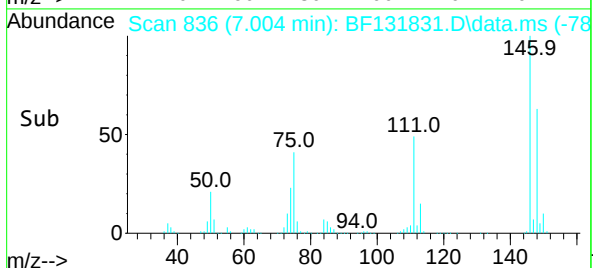
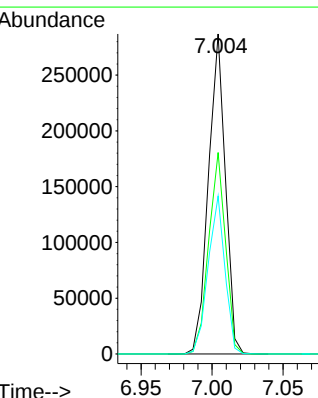
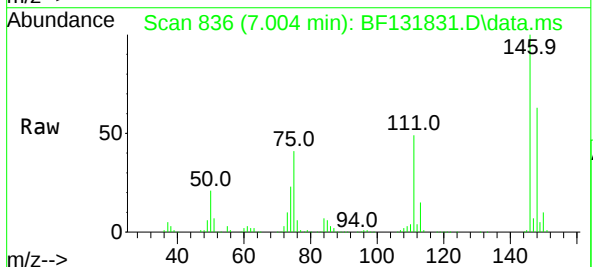
Tgt Ion:146 Resp: 237613

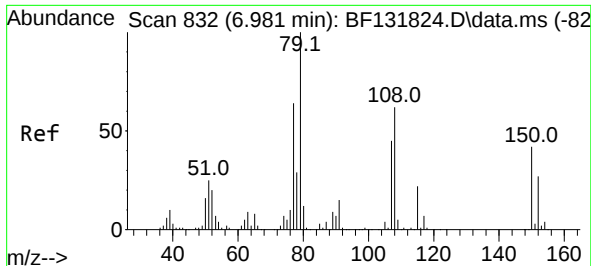
Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.4

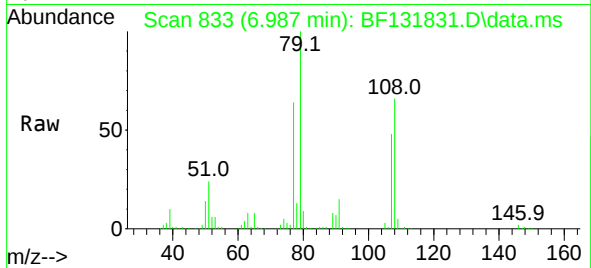
111 49.3 38.2 57.4





#15
Benzyl Alcohol
Concen: 44.622 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

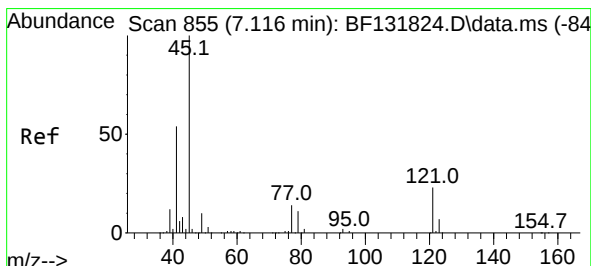
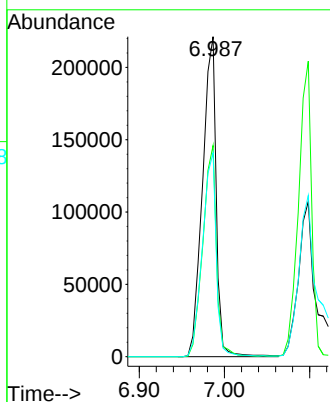
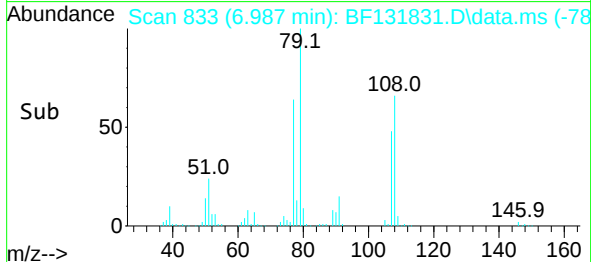
Instrument :
BNA_F
ClientSampleId :
PB149872BS



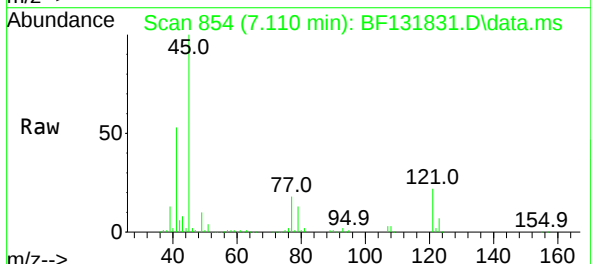
Tgt Ion: 79 Resp: 24707
Ion Ratio Lower Upper
79 100
108 66.0 49.8 74.8
77 63.7 51.4 77.0

Manual Integrations
APPROVED

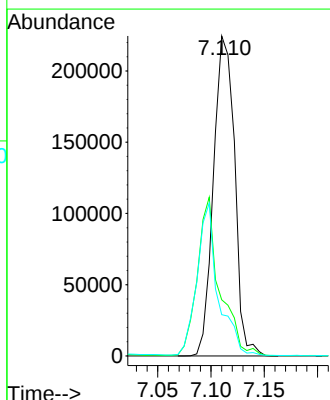
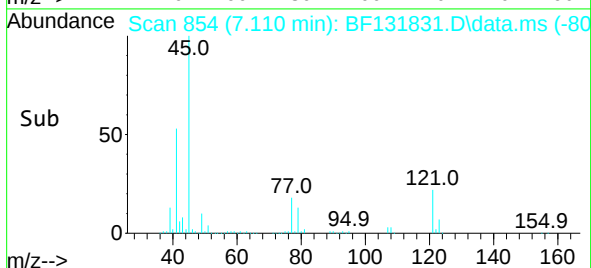
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

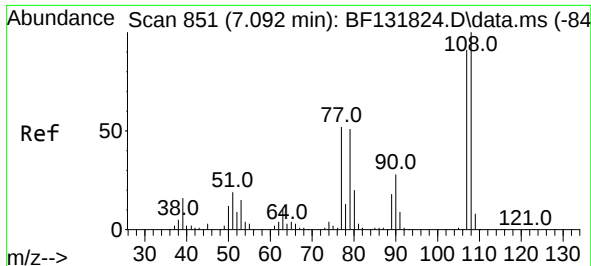


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.070 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion: 45 Resp: 309266
Ion Ratio Lower Upper
45 100
77 17.6 0.0 36.1
79 12.9 0.0 33.3





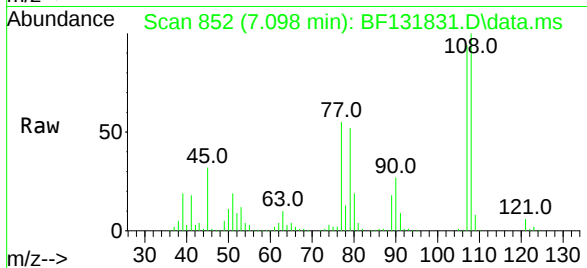
#17
2-Methylphenol
Concen: 42.967 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

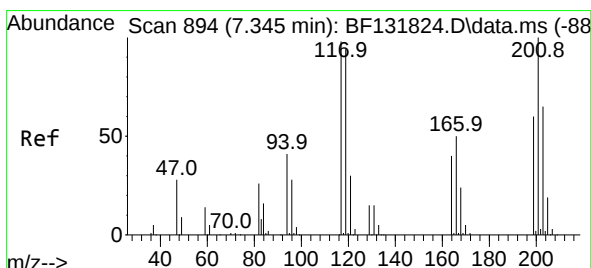
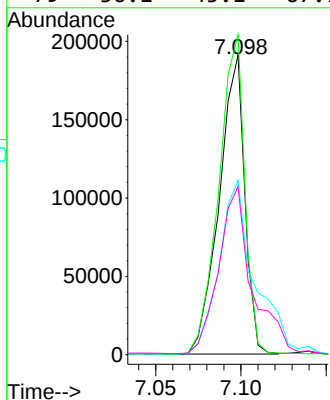
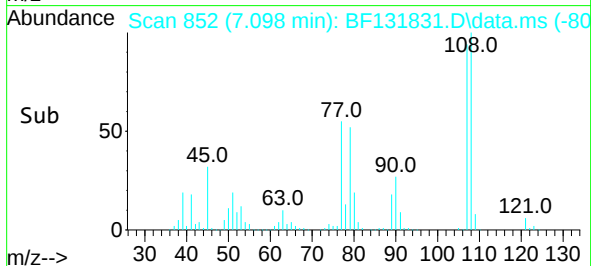


Tgt Ion:107 Resp: 198889
Ion Ratio Lower Upper
107 100
108 106.8 87.6 131.4
77 58.2 45.8 68.8
79 56.1 45.1 67.7

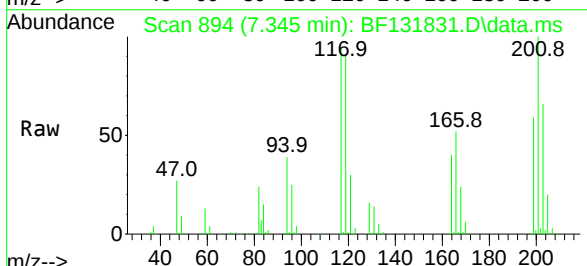
Manual Integrations

APPROVED

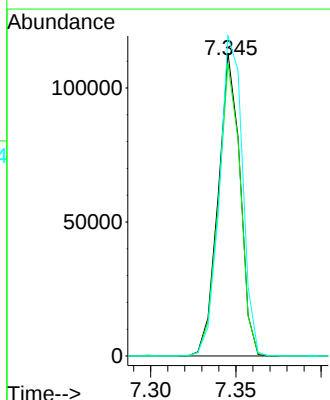
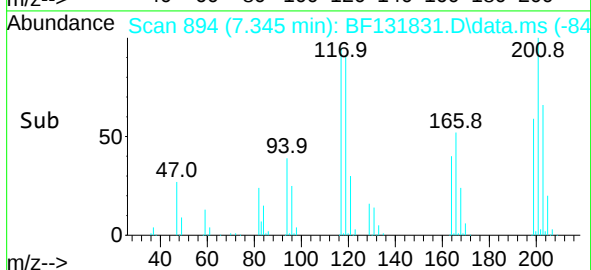
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

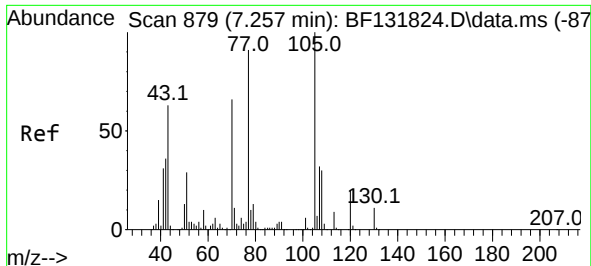


#18
Hexachloroethane
Concen: 42.772 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:117 Resp: 100716
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 105.6 81.7 122.5





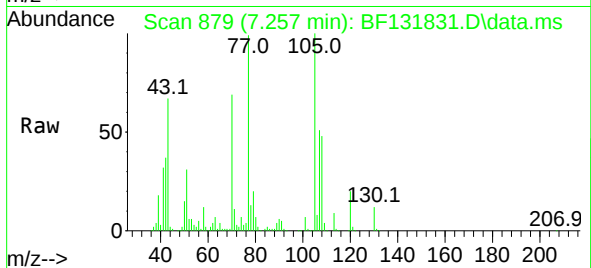
#19
n-Nitroso-di-n-propylamine
Concen: 43.393 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

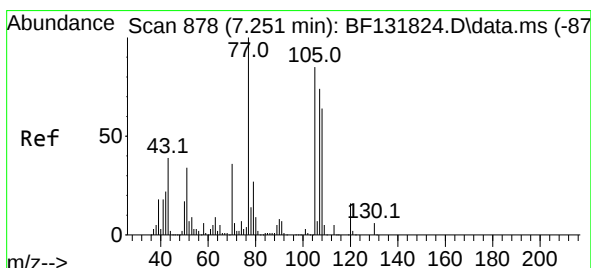
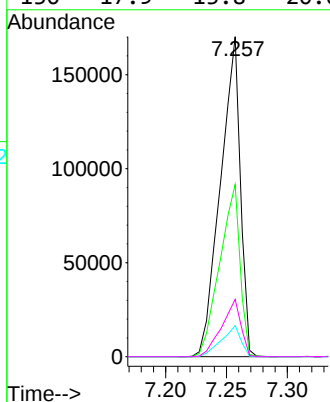
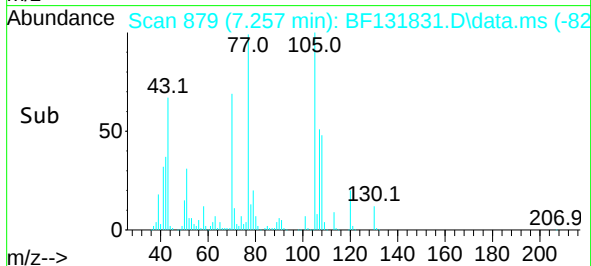


Tgt Ion: 70 Resp: 193504
Ion Ratio Lower Upper
70 100
42 53.8 43.8 65.6
101 9.7 7.4 11.0
130 17.9 13.8 20.6

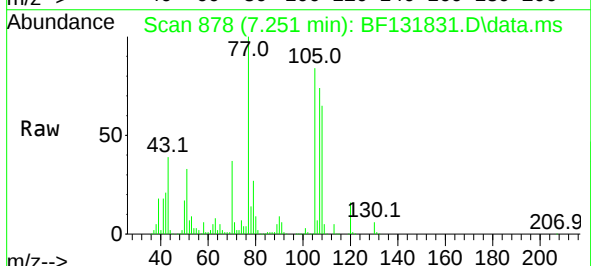
Manual Integrations

APPROVED

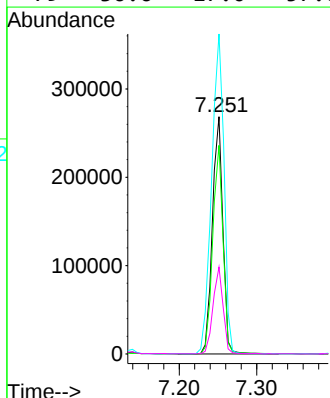
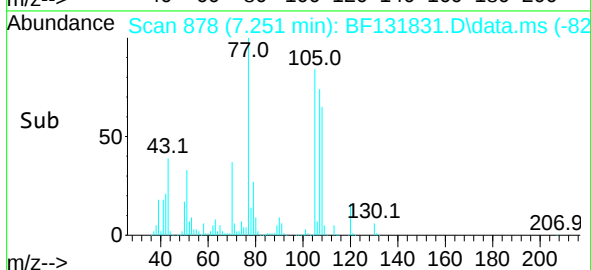
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

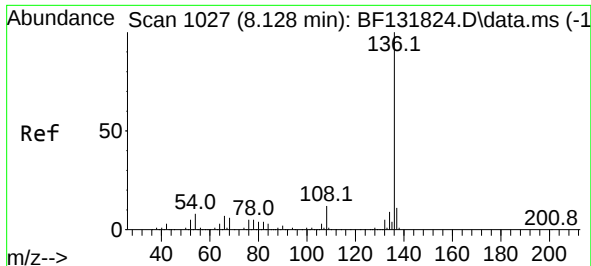


#20
3+4-Methylphenols
Concen: 41.838 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:107 Resp: 252690
Ion Ratio Lower Upper
107 100
108 87.9 67.1 107.1
77 134.8 114.9 154.9
79 36.6 17.0 57.0





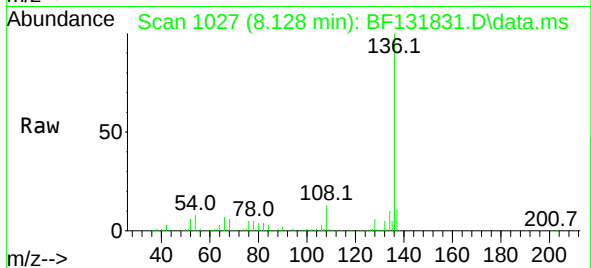
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

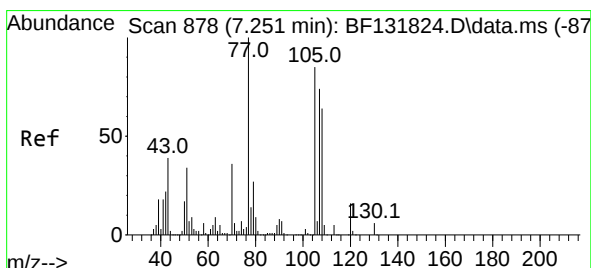
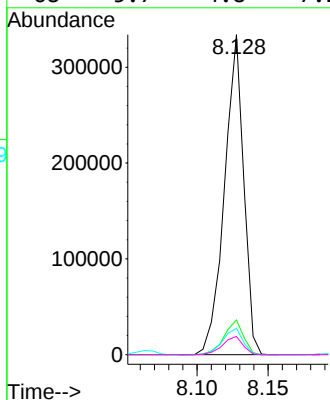
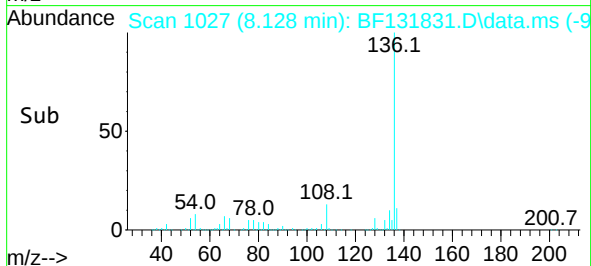


Tgt Ion:136 Resp: 313144
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.2 6.7 10.1
68 5.7 4.8 7.2

Manual Integrations

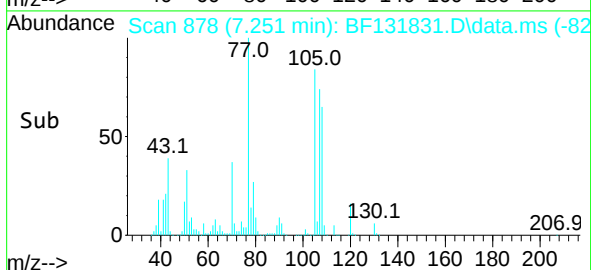
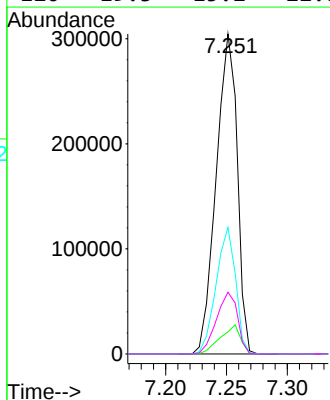
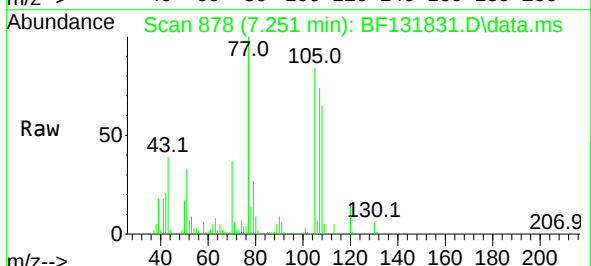
APPROVED

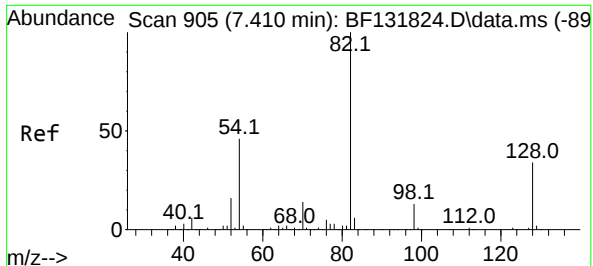
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#22
Acetophenone
Concen: 39.895 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:105 Resp: 366252
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 39.5 31.9 47.9
120 19.3 15.2 22.8





#23

Nitrobenzene-d5

Concen: 72.026 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

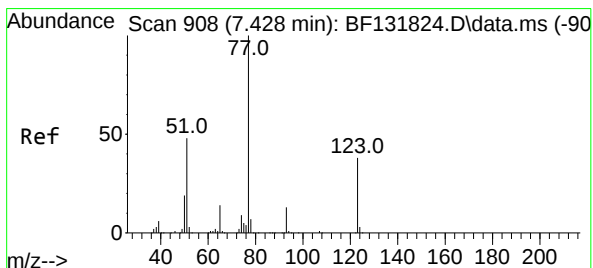
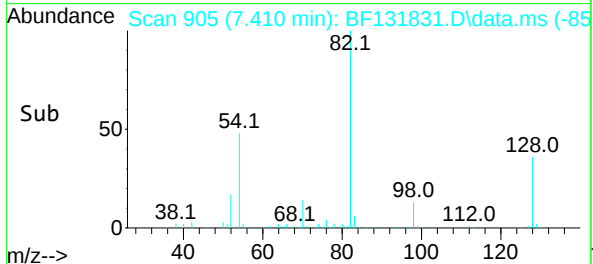
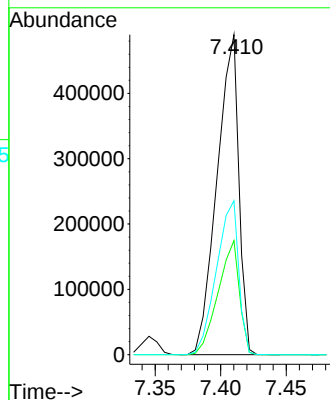
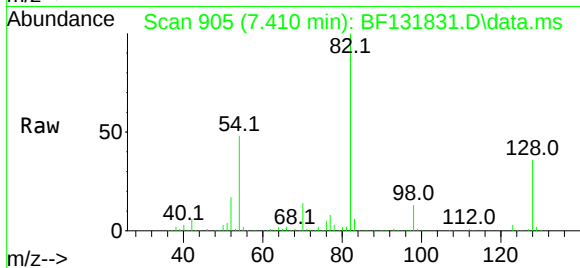
PB149872BS

Tgt Ion: 82	Resp: 56491
Ion Ratio	Lower Upper
82 100	
128 35.6	27.1 40.7
54 48.1	37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#24

Nitrobenzene

Concen: 38.225 ng

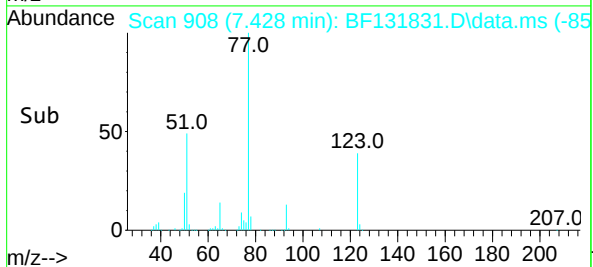
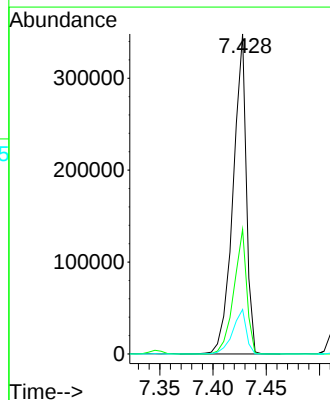
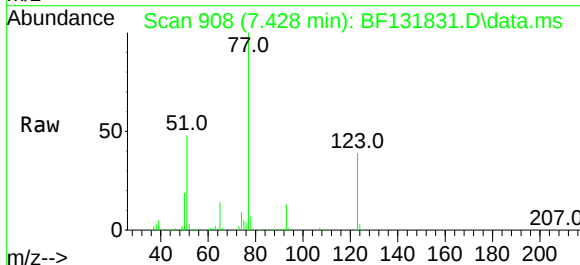
RT: 7.428 min Scan# 908

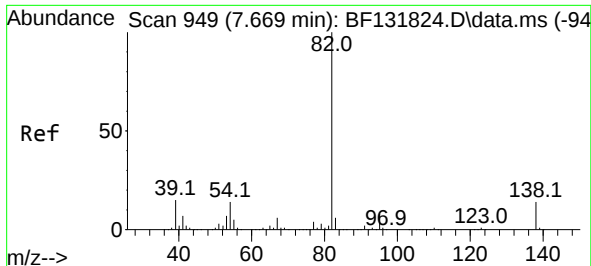
Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

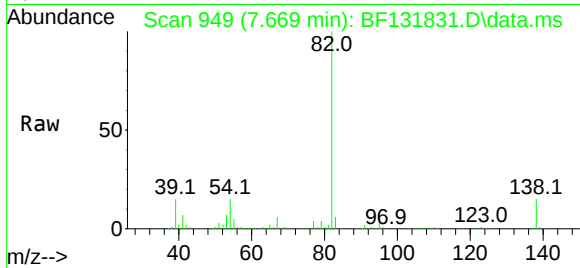
Tgt Ion: 77	Resp: 300456
Ion Ratio	Lower Upper
77 100	
123 39.0	30.4 45.6
65 13.9	11.1 16.7





#25
Isophorone
Concen: 41.663 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

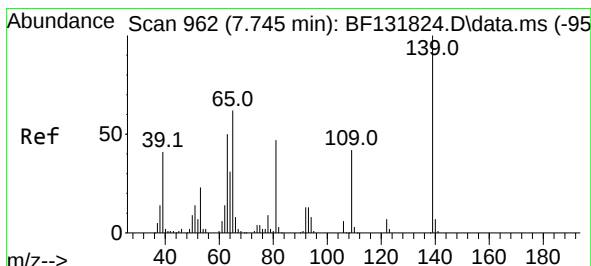
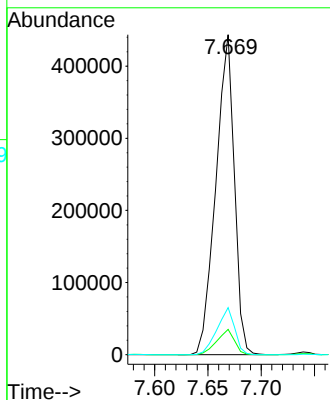
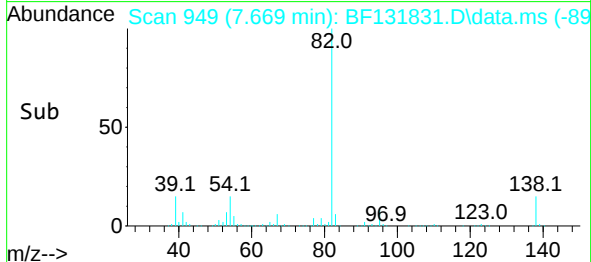
Instrument :
BNA_F
ClientSampleId :
PB149872BS



Tgt Ion: 82 Resp: 533638
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 14.7 11.5 17.3

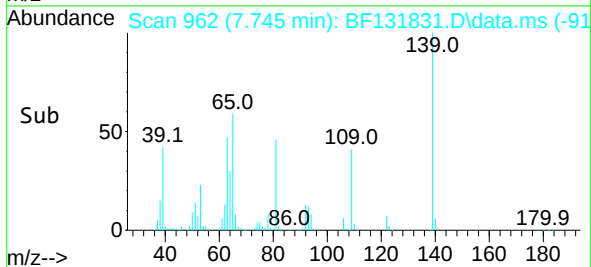
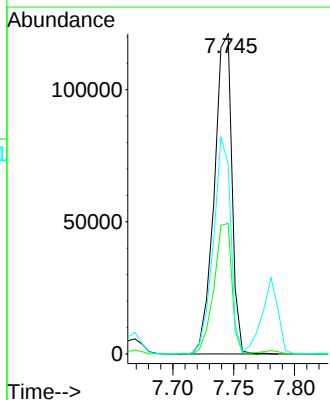
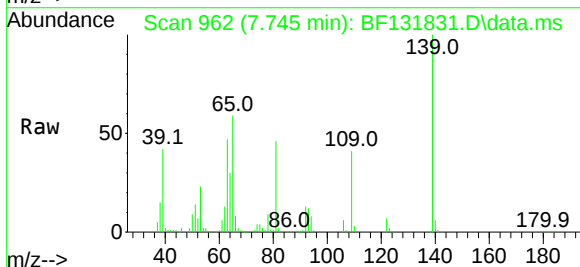
Manual Integrations
APPROVED

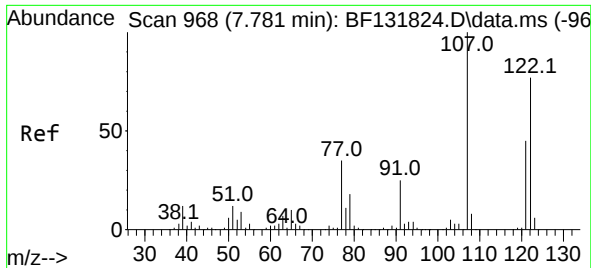
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#26
2-Nitrophenol
Concen: 39.866 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:139 Resp: 121835
Ion Ratio Lower Upper
139 100
109 40.8 33.7 50.5
65 59.5 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 45.208 ng

RT: 7.781 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

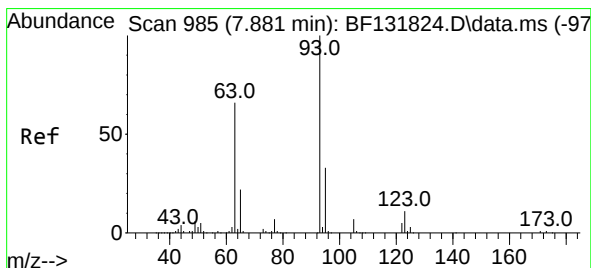
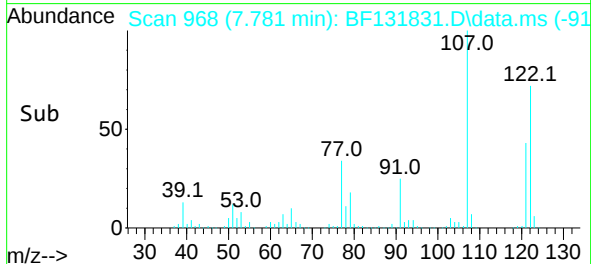
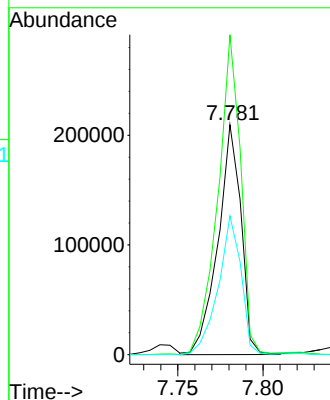
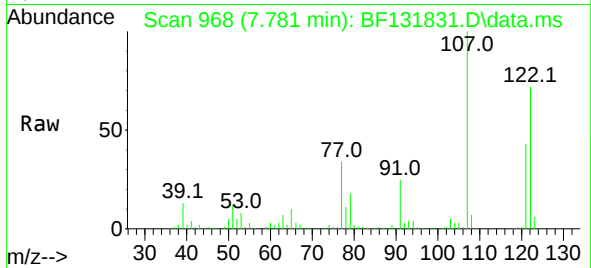
PB149872BS

Tgt Ion:122 Resp: 19707
 Ion Ratio Lower Upper
 122 100
 107 139.2 104.4 156.6
 121 60.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.880 ng

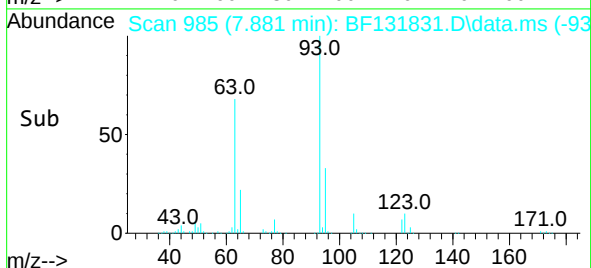
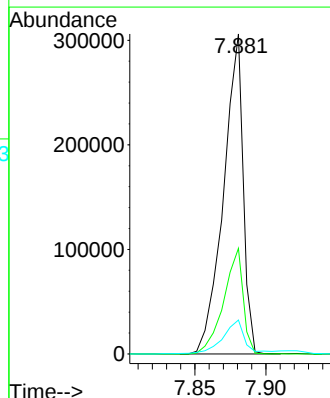
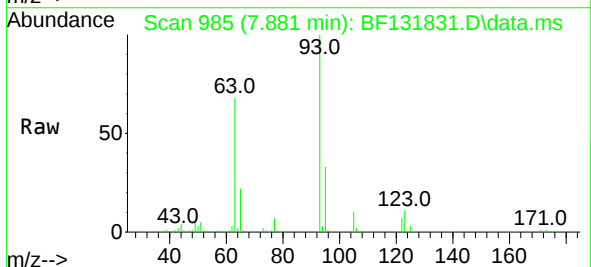
RT: 7.881 min Scan# 985

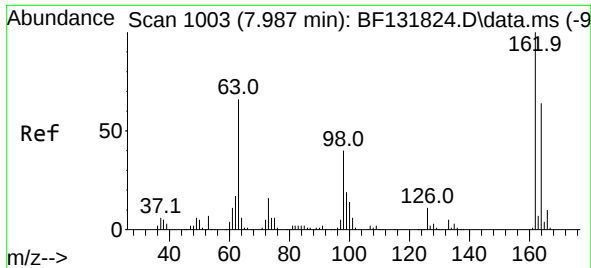
Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Tgt Ion: 93 Resp: 294654
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.6 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 38.178 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF131831.D

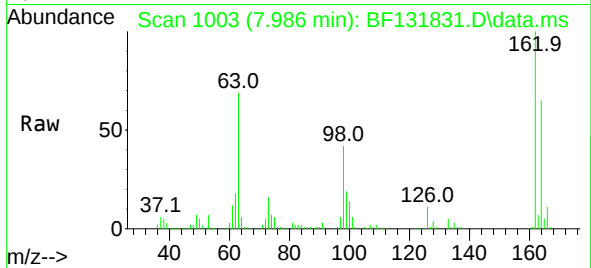
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS



Tgt Ion:162 Resp: 20051

Ion Ratio Lower Upper

162 100

164 65.1 44.1 84.1

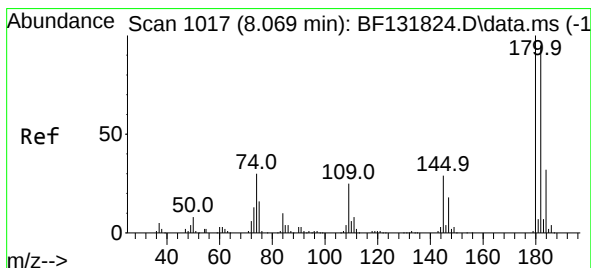
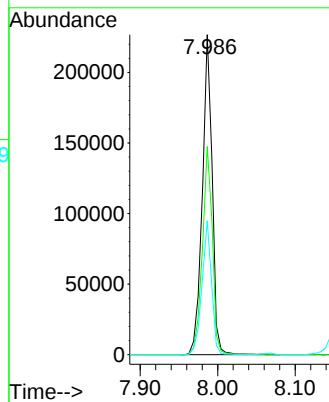
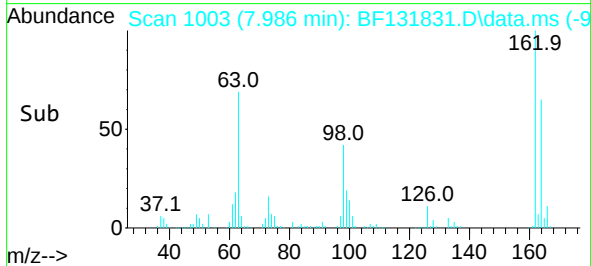
98 41.9 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.997 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

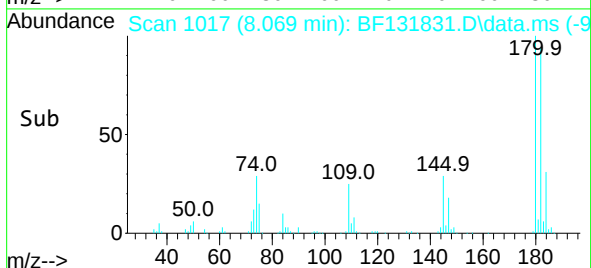
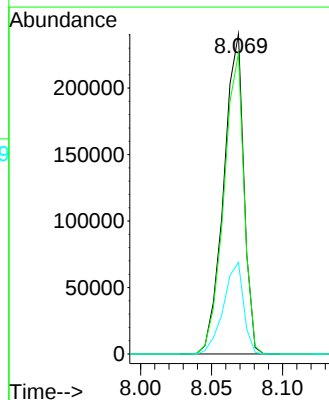
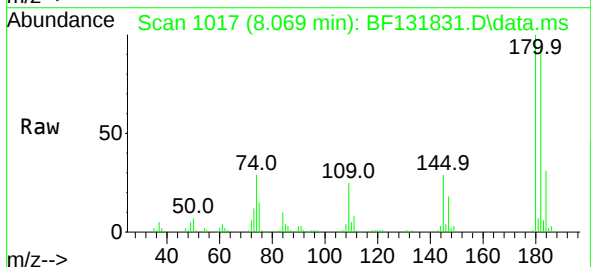
Tgt Ion:180 Resp: 236611

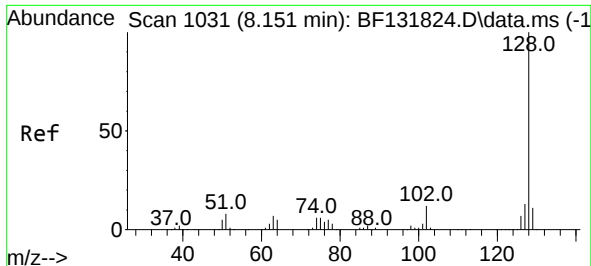
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.4

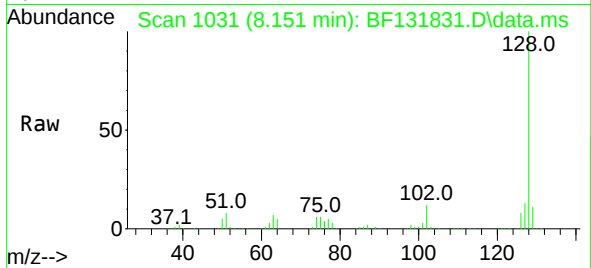
145 28.7 23.3 34.9





#31
Naphthalene
Concen: 37.352 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

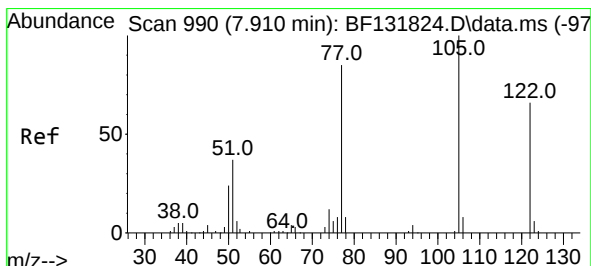
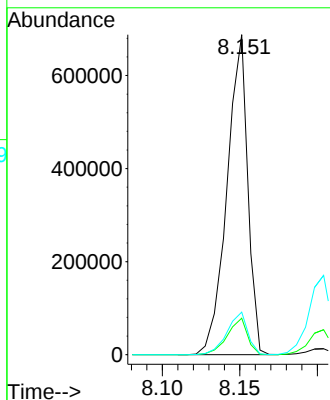
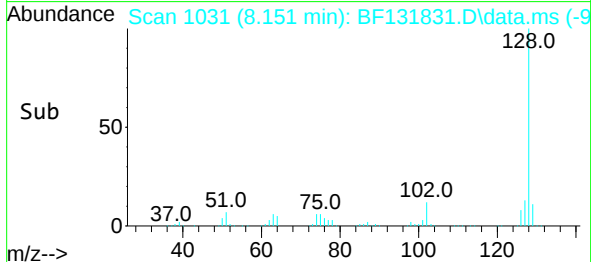
Instrument :
BNA_F
ClientSampleId :
PB149872BS



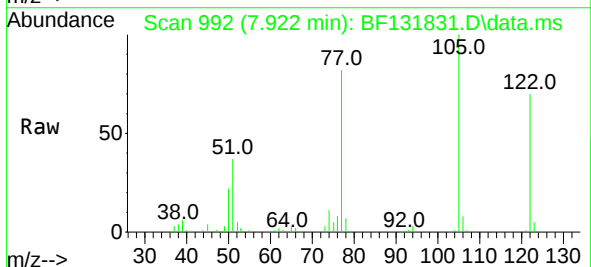
Tgt Ion:128 Resp: 640564
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.3 10.6 15.8

Manual Integrations
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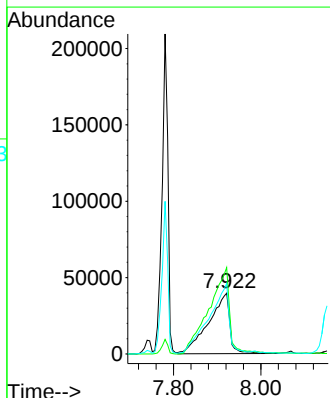
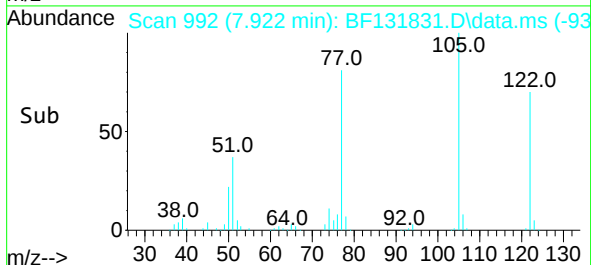
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

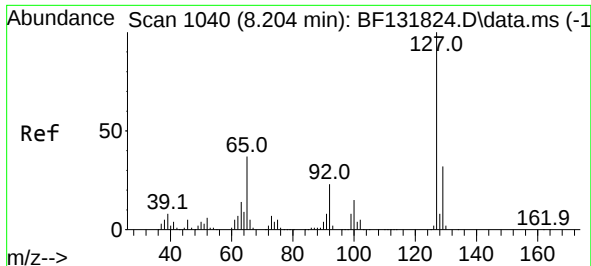


#32
Benzoic acid
Concen: 42.187 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:122 Resp: 134420
Ion Ratio Lower Upper
122 100
105 142.2 127.9 167.9
77 116.2 106.9 146.9





#33
4-Chloroaniline
Concen: 28.276 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

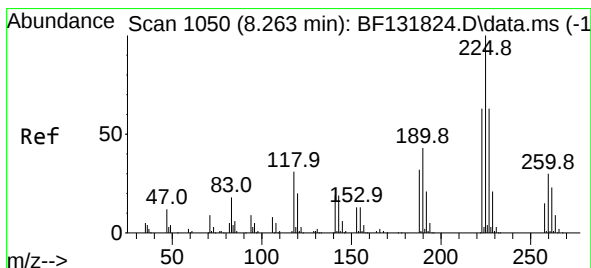
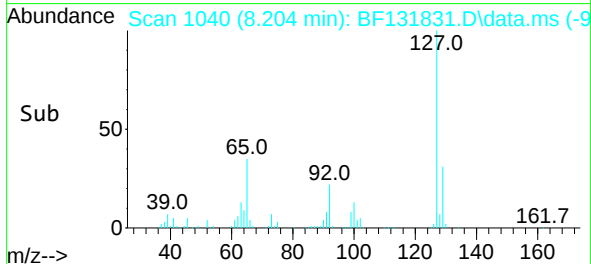
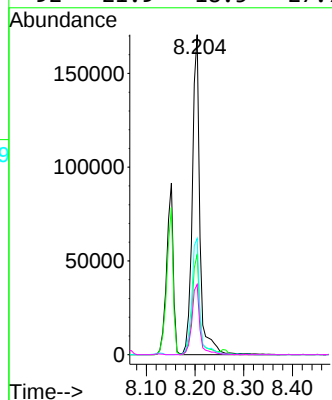
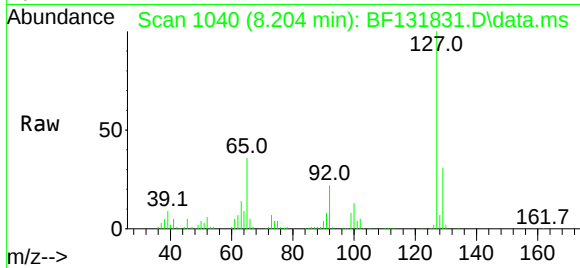
ClientSampleId :

PB149872BS

Tgt Ion:127 Resp: 18606
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.8
65 36.3 29.7 44.5
92 21.9 18.5 27.7

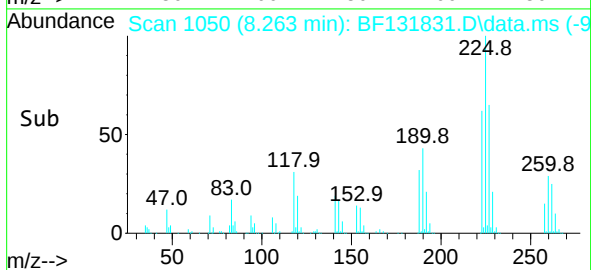
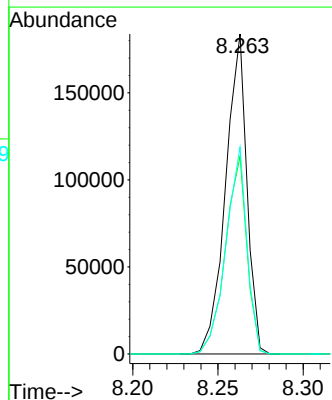
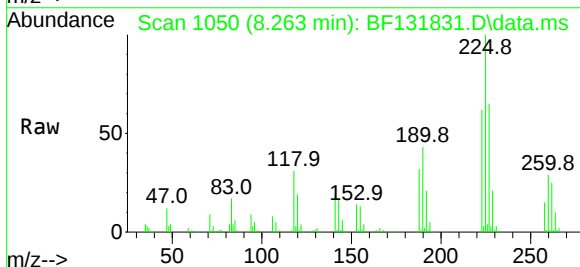
Manual Integrations
APPROVED

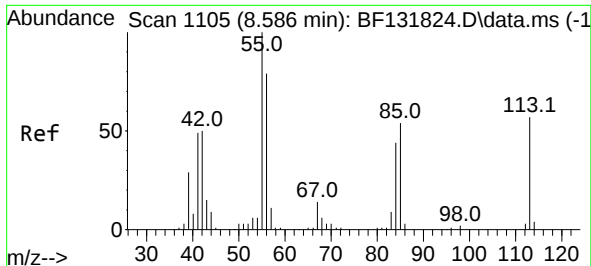
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#34
Hexachlorobutadiene
Concen: 37.497 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

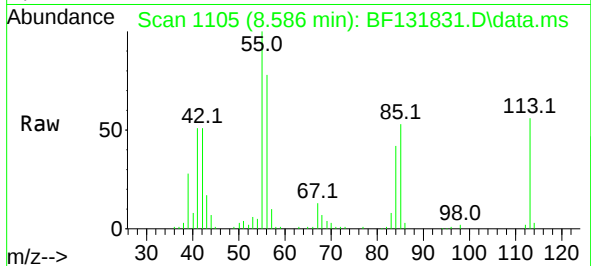
Tgt Ion:225 Resp: 159748
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 64.6 50.8 76.2





#35
Caprolactam
Concen: 39.916 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

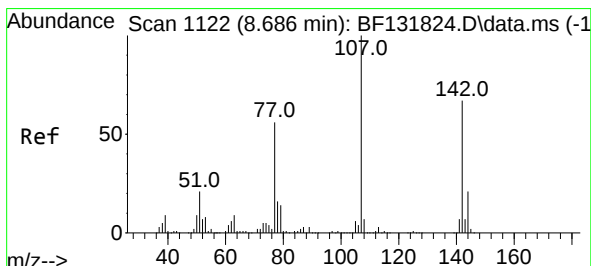
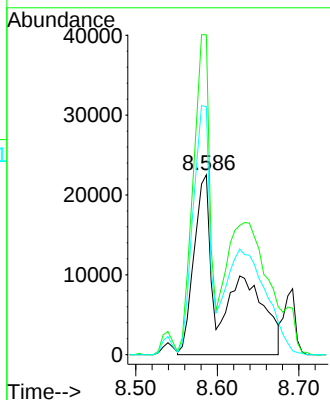
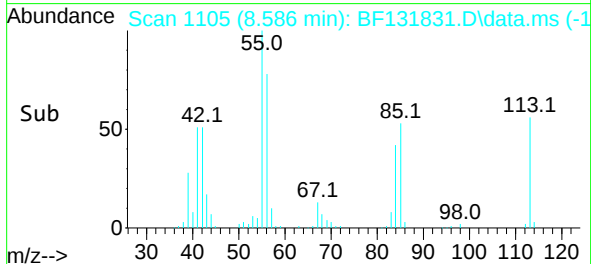
Instrument :
BNA_F
ClientSampleId :
PB149872BS



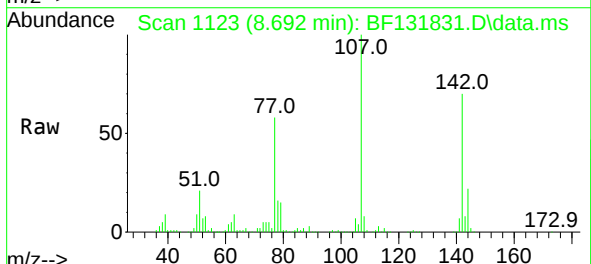
Tgt Ion:113 Resp: 62070
Ion Ratio Lower Upper
113 100
55 177.8 153.3 193.3
56 137.9 116.3 156.3

Manual Integrations
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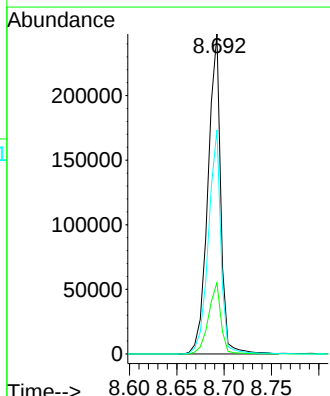
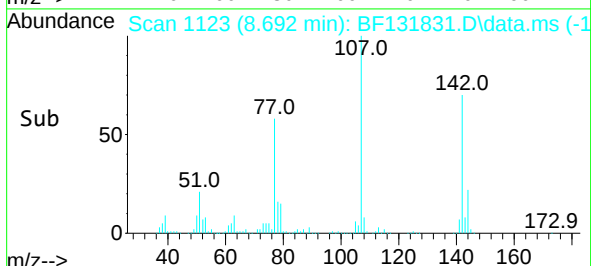
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

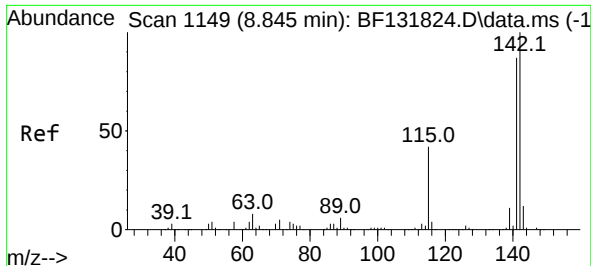


#36
4-Chloro-3-methylphenol
Concen: 39.125 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:107 Resp: 232239
Ion Ratio Lower Upper
107 100
144 22.2 16.8 25.2
142 70.0 53.8 80.8





#37
2-Methylnaphthalene
Concen: 37.760 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

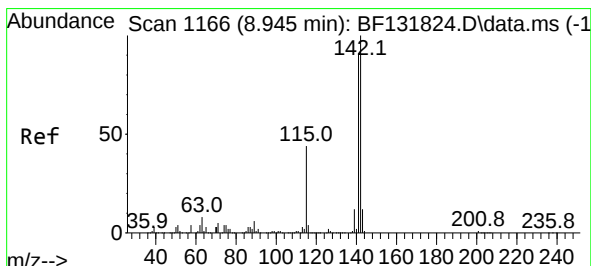
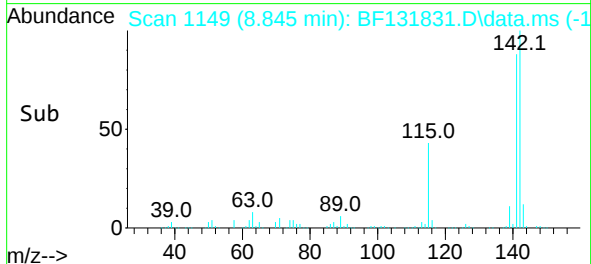
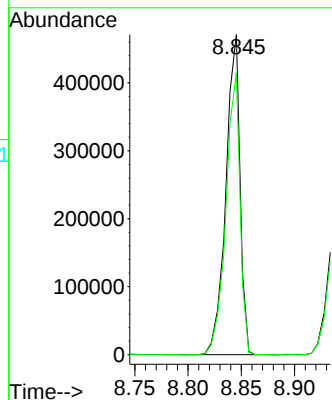
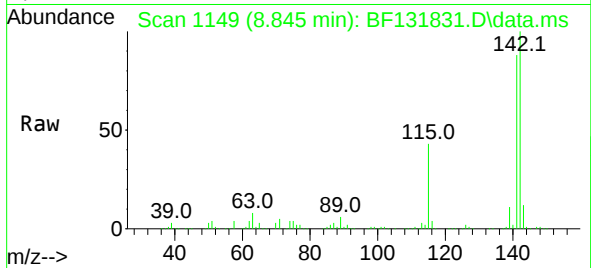
ClientSampleId :

PB149872BS

Tgt Ion:142 Resp: 43461
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.8

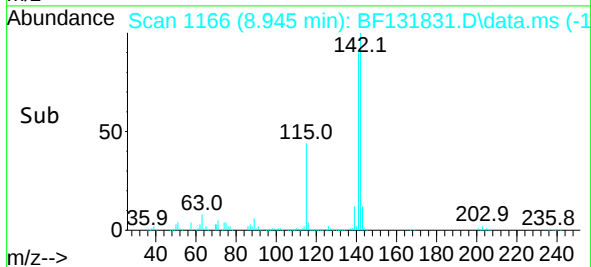
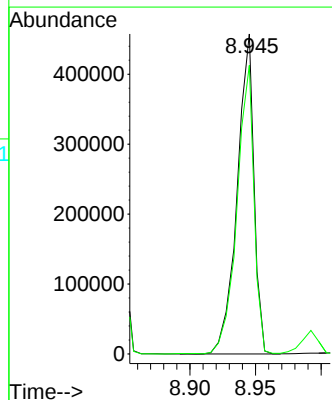
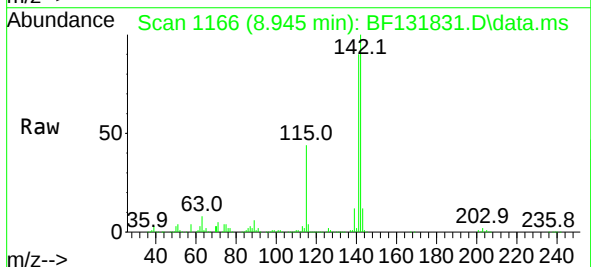
Manual Integrations
APPROVED

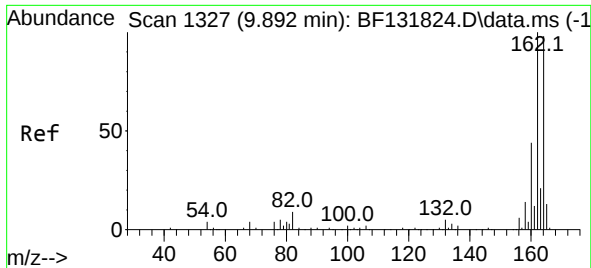
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#38
1-Methylnaphthalene
Concen: 36.608 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

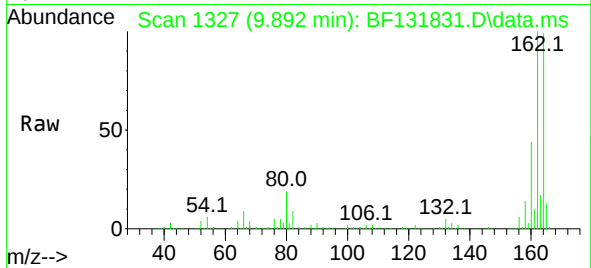
Tgt Ion:142 Resp: 409272
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

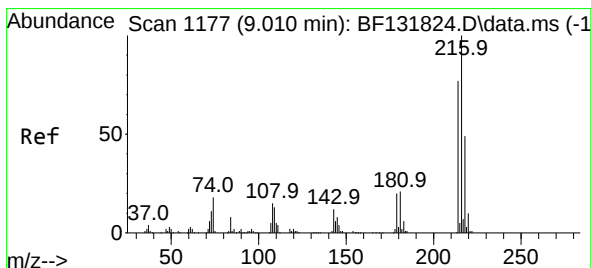
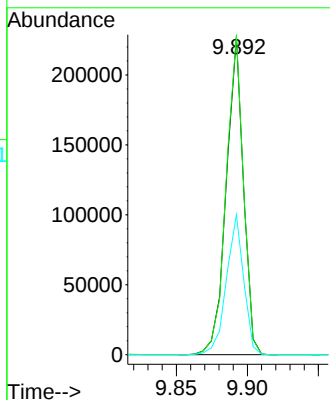
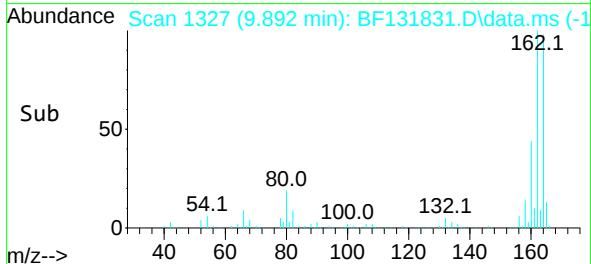
Instrument :
BNA_F
ClientSampleId :
PB149872BS



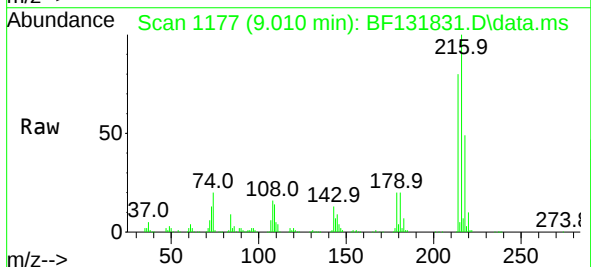
Tgt Ion:164 Resp: 191349
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.0 35.7 53.5

Manual Integrations
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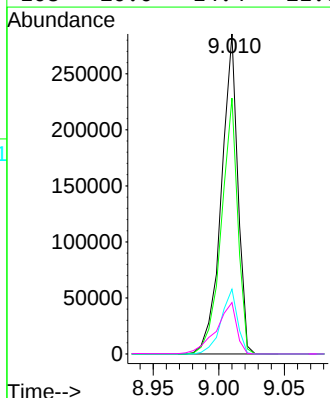
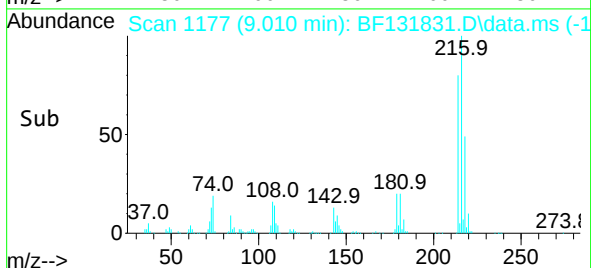
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

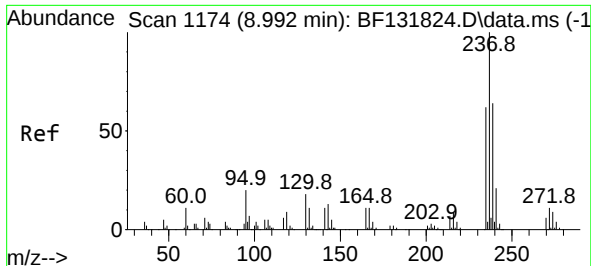


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.046 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



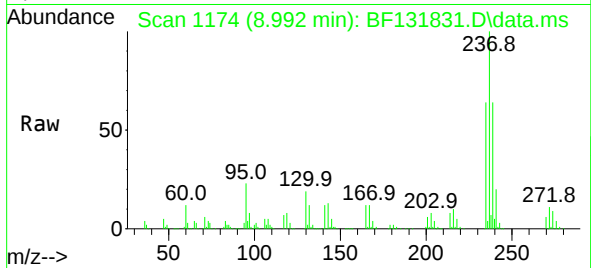
Tgt Ion:216 Resp: 248901
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.2 16.4 24.6
108 20.0 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 82.577 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

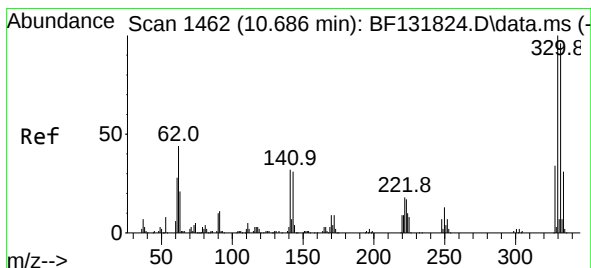
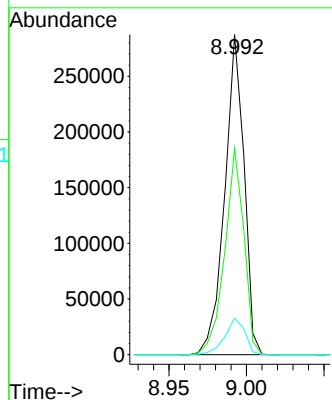
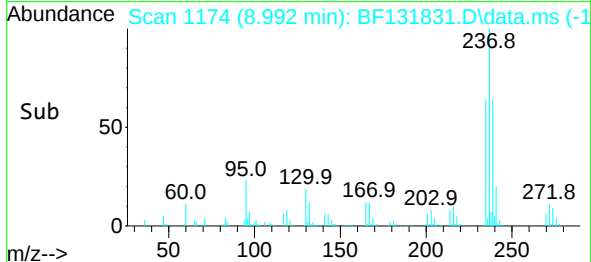
Instrument :
BNA_F
ClientSampleId :
PB149872BS



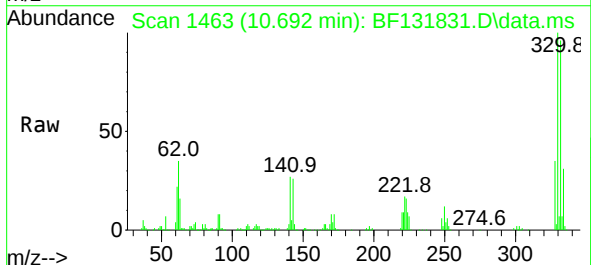
Tgt Ion: 237 Resp: 248917
Ion Ratio Lower Upper
237 100
235 64.5 42.3 82.3
272 11.4 0.0 31.4

Manual Integrations
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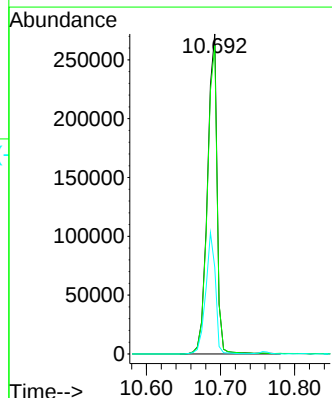
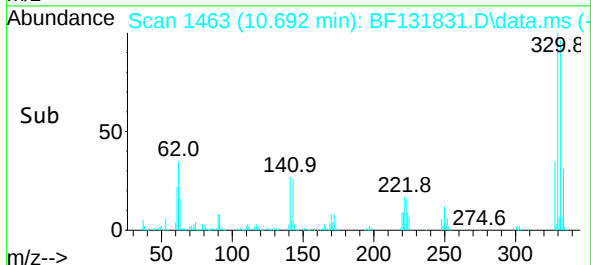
Reviewed By : Christian Giraldo 12/28/2022
Supervised By : Yogesh Patel 12/28/2022

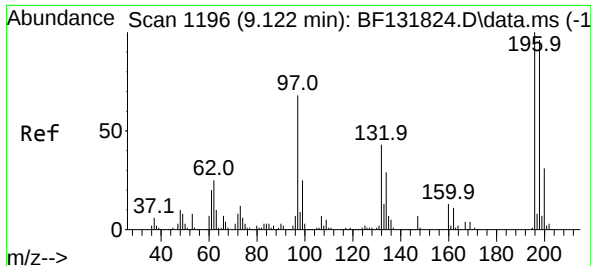


#42
2,4,6-Tribromophenol
Concen: 118.646 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion: 330 Resp: 246667
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 38.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 36.458 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

Tgt Ion:196 Resp: 156884

Ion Ratio Lower Upper

196 100

198 94.8 76.5 114.7

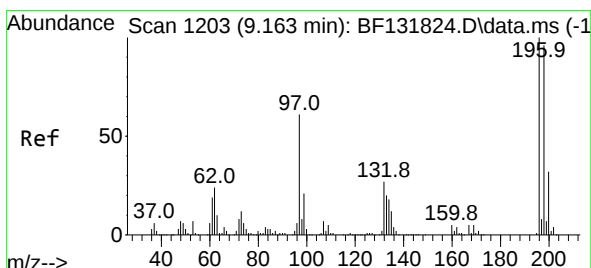
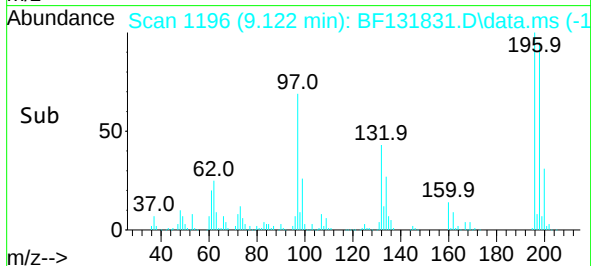
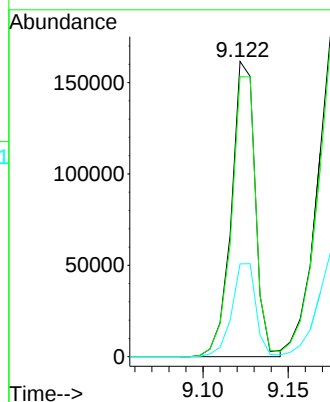
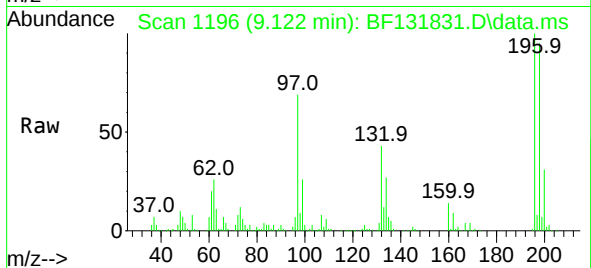
200 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#44

2,4,5-Trichlorophenol

Concen: 35.865 ng

RT: 9.175 min Scan# 1205

Delta R.T. 0.012 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Tgt Ion:196 Resp: 166828

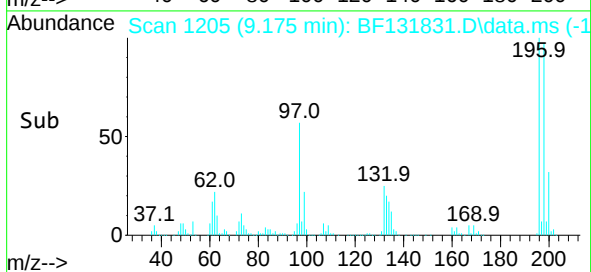
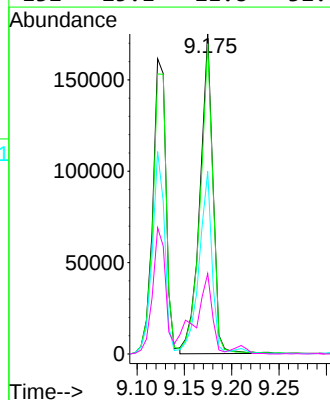
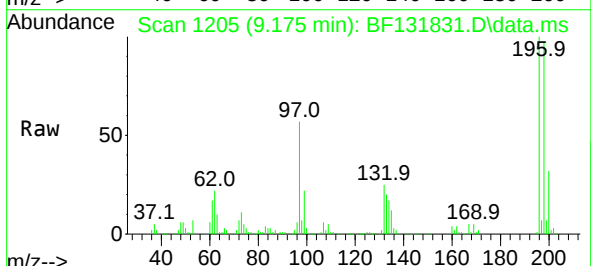
Ion Ratio Lower Upper

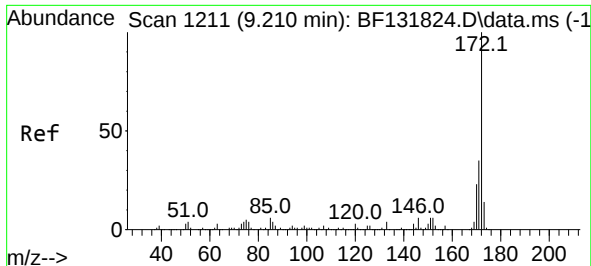
196 100

198 97.0 76.6 115.0

97 57.1 49.3 73.9

132 25.1 21.8 32.8





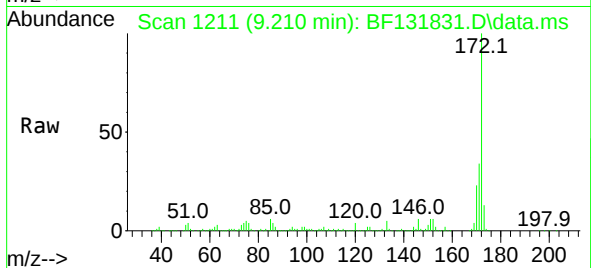
#45
2-Fluorobiphenyl
Concen: 69.469 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

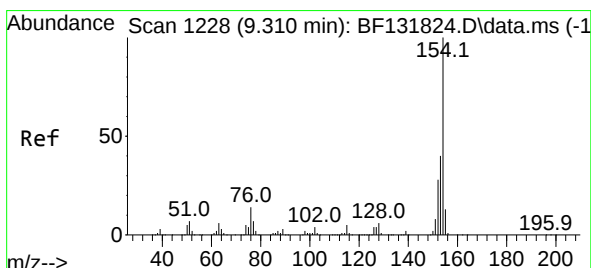
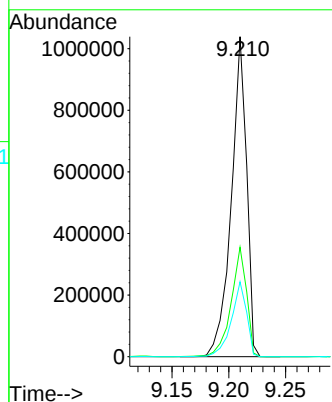
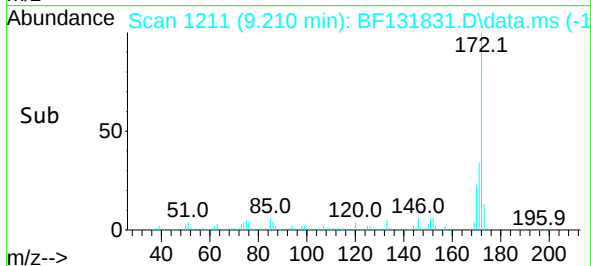


Tgt Ion:172 Resp: 970474
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.4 18.7 28.1

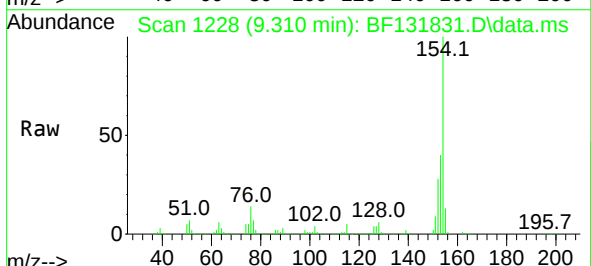
Manual Integrations

APPROVED

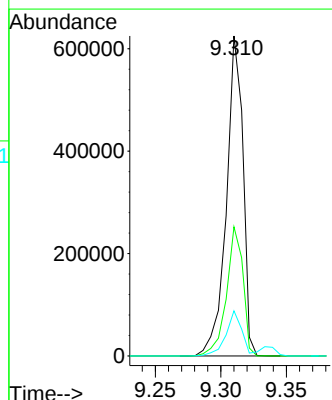
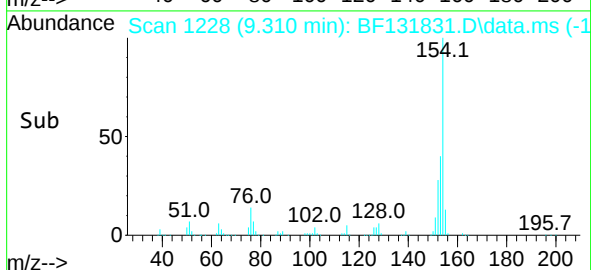
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

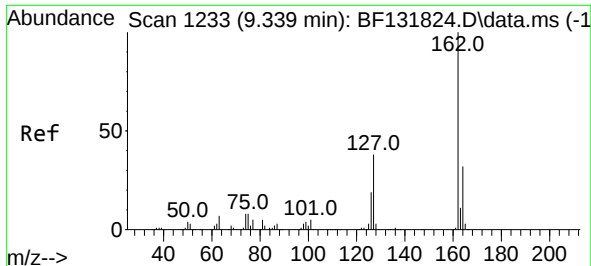


#46
1,1'-Biphenyl
Concen: 37.484 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:154 Resp: 549134
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 14.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 36.524 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

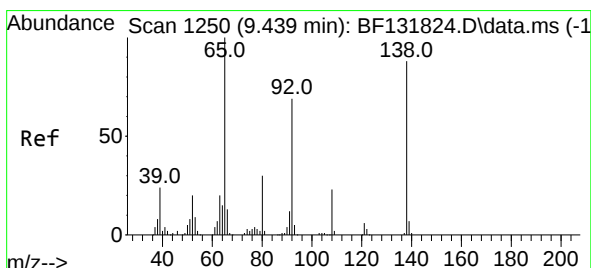
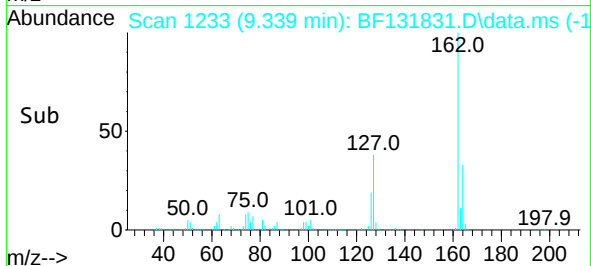
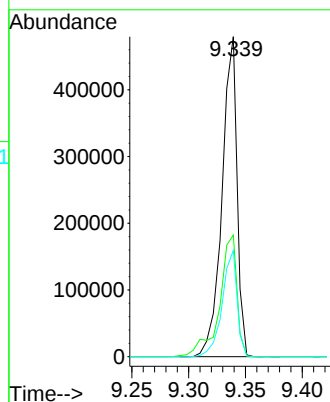
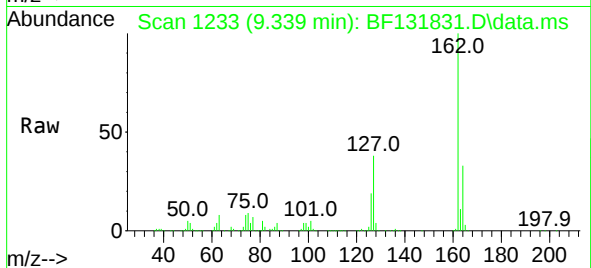
Tgt Ion:162 Resp: 442672

Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	33.2	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#48

2-Nitroaniline

Concen: 36.139 ng

RT: 9.439 min Scan# 1250

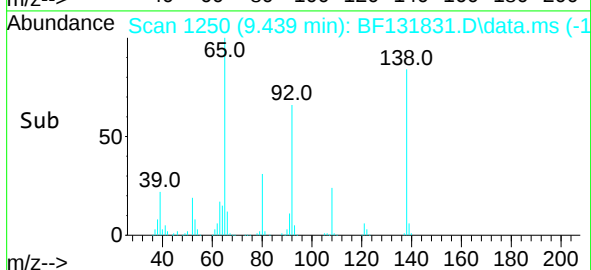
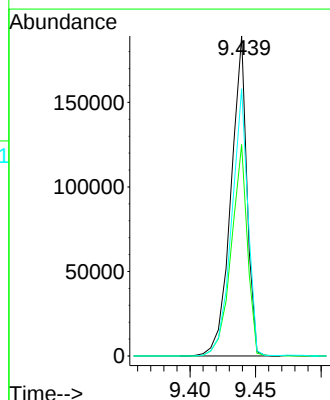
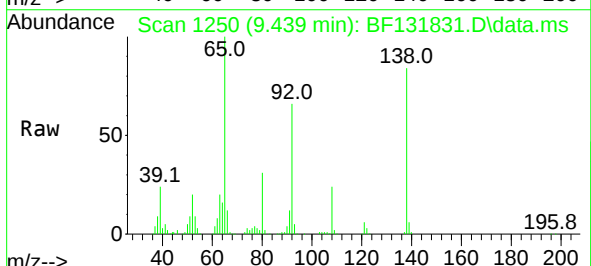
Delta R.T. -0.000 min

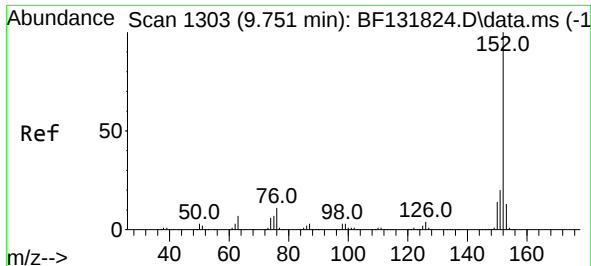
Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Tgt Ion: 65 Resp: 160545

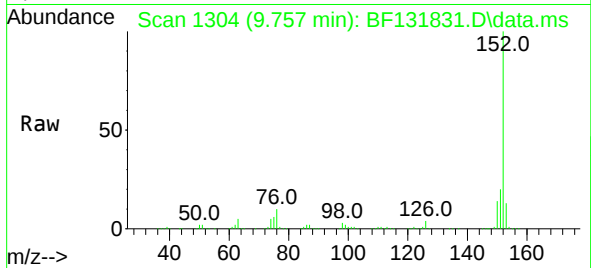
Ion	Ratio	Lower	Upper
65	100		
92	66.1	55.0	82.6
138	83.5	70.4	105.6





#49
Acenaphthylene
Concen: 36.259 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

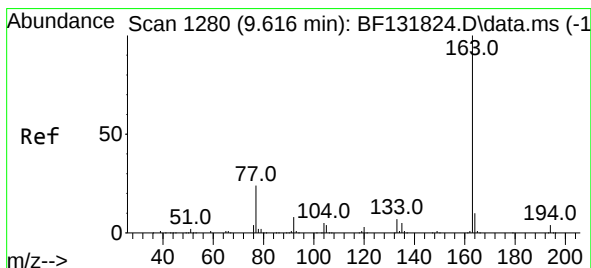
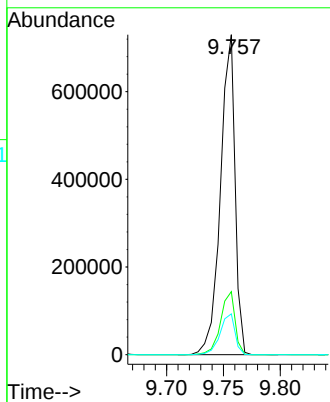
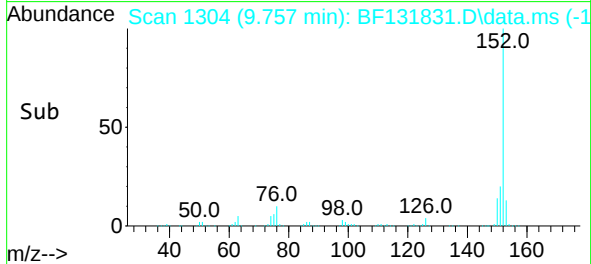
Instrument :
BNA_F
ClientSampleId :
PB149872BS



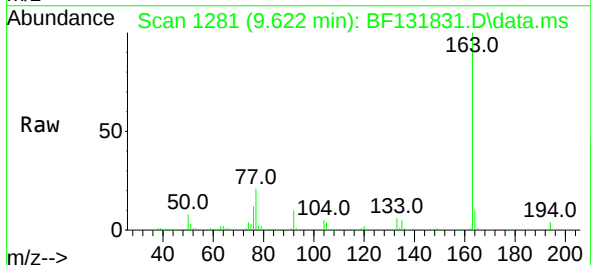
Tgt Ion:152 Resp: 65436
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.7 10.2 15.4

Manual Integrations
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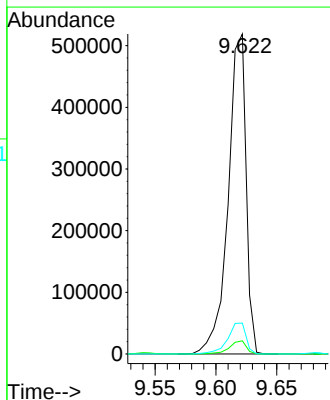
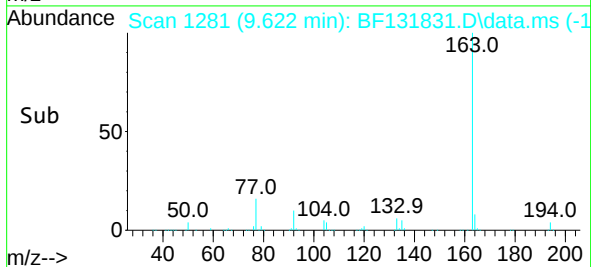
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

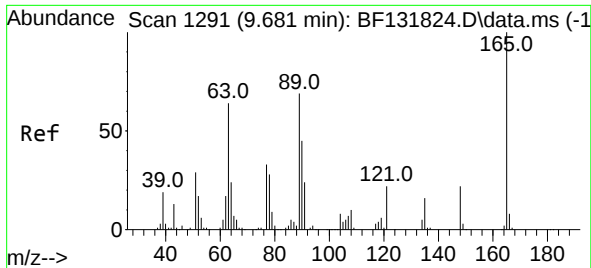


#50
Dimethylphthalate
Concen: 36.696 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:163 Resp: 531220
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.7 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 37.572 ng

RT: 9.681 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

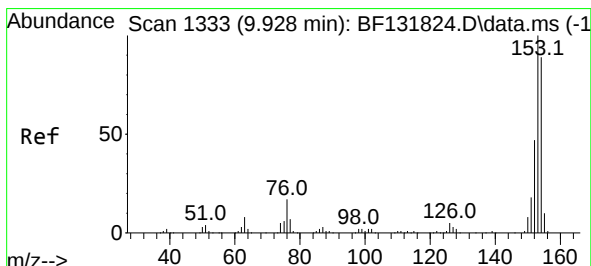
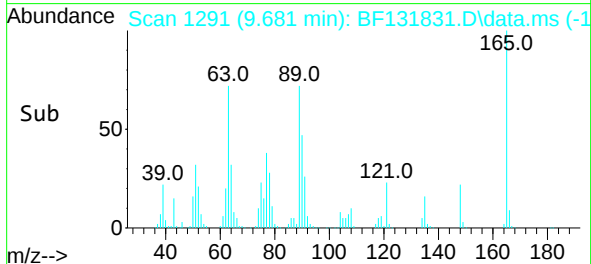
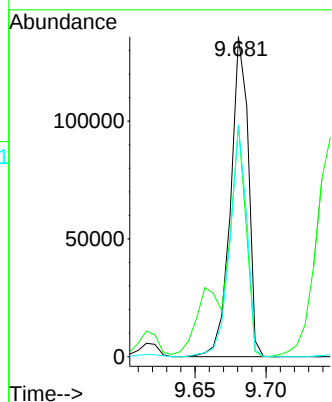
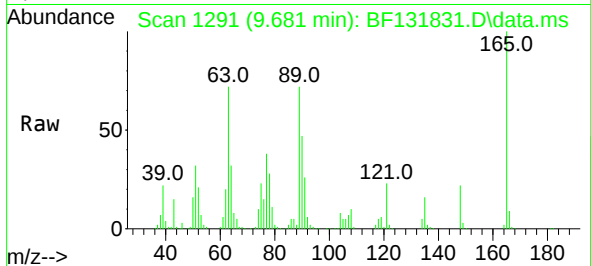
Tgt Ion:165 Resp: 117740

Ion	Ratio	Lower	Upper
165	100		
63	72.4	55.1	82.7
89	72.4	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#52

Acenaphthene

Concen: 36.244 ng

RT: 9.928 min Scan# 1333

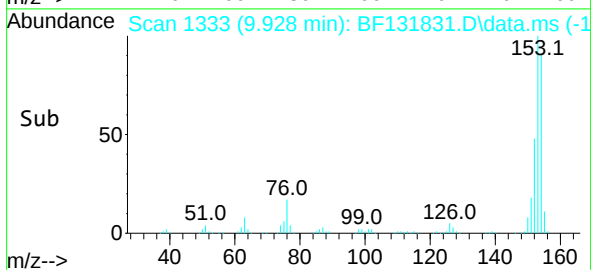
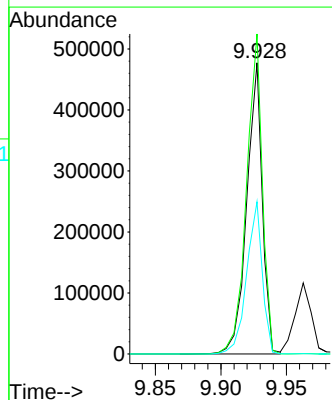
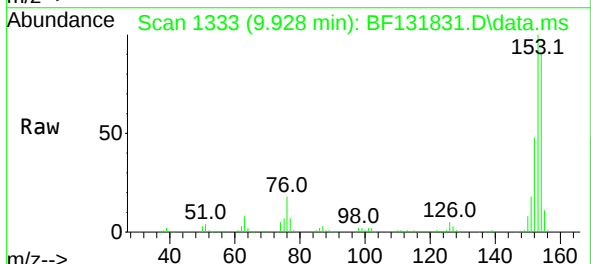
Delta R.T. -0.000 min

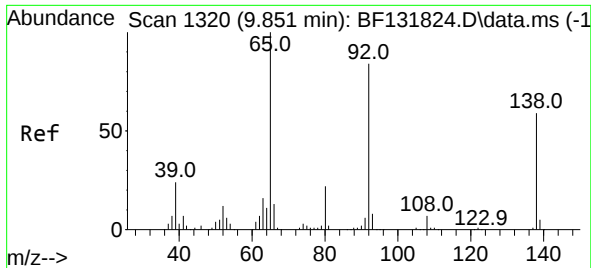
Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Tgt Ion:154 Resp: 394764

Ion	Ratio	Lower	Upper
154	100		
153	109.9	90.2	135.2
152	52.3	42.5	63.7





#53
3-Nitroaniline
Concen: 25.758 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

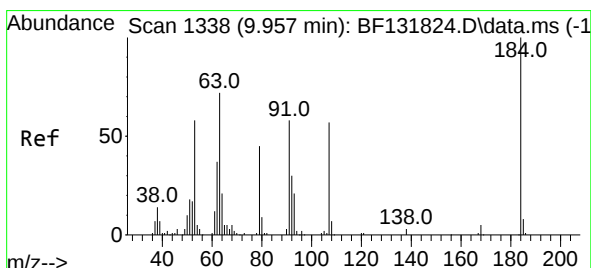
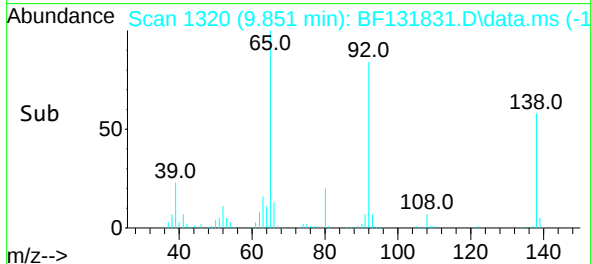
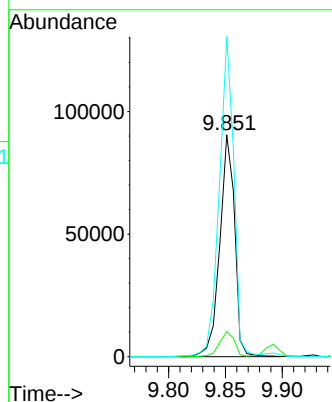
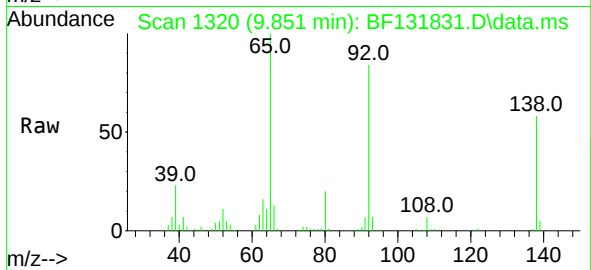
ClientSampleId :

PB149872BS

Tgt Ion:138 Resp: 8224
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 144.2 113.9 170.9

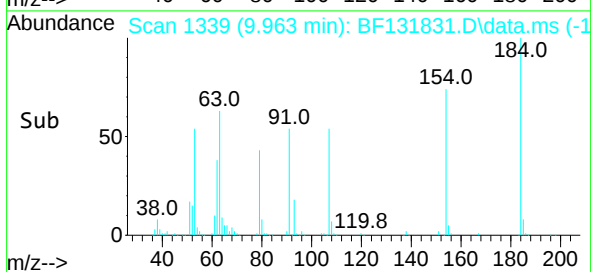
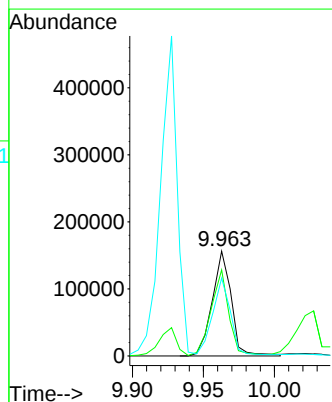
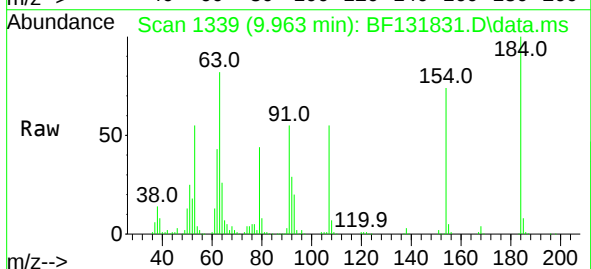
Manual Integrations
APPROVED

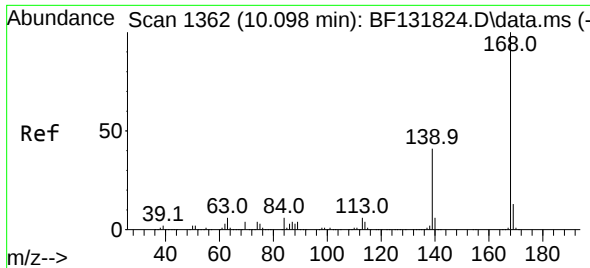
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#54
2,4-Dinitrophenol
Concen: 80.601 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:184 Resp: 145356
Ion Ratio Lower Upper
184 100
63 82.1 66.8 100.2
154 74.4 61.6 92.4





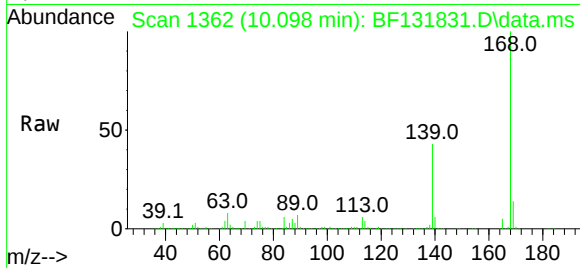
#55
Dibenzofuran
Concen: 36.179 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

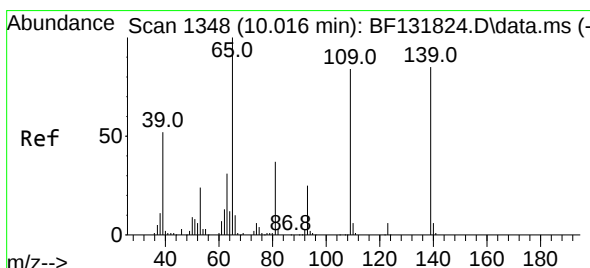
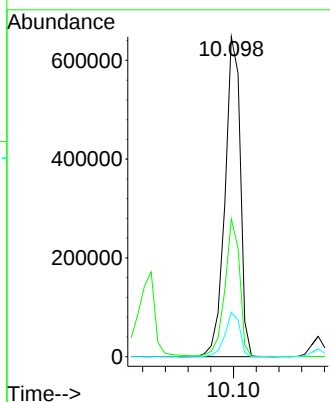
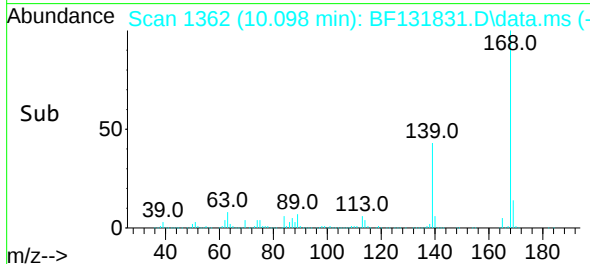
PB149872BS



Tgt Ion:168 Resp: 607110
Ion Ratio Lower Upper
168 100
139 43.1 32.6 49.0
169 13.9 10.5 15.7

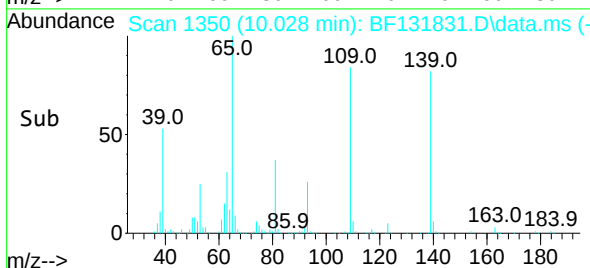
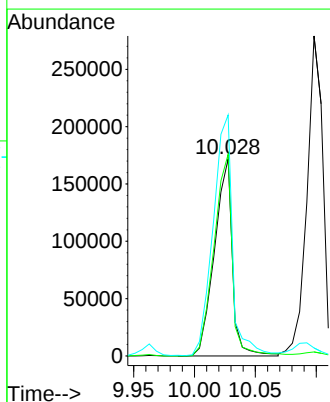
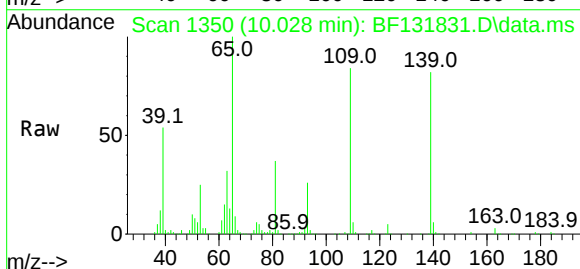
Manual Integrations
APPROVED

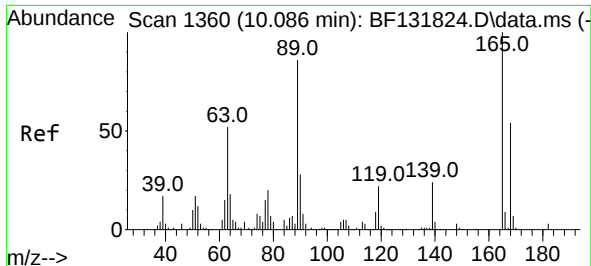
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#56
4-Nitrophenol
Concen: 78.504 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

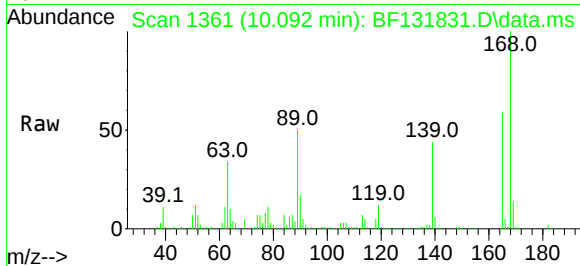
Tgt Ion:139 Resp: 175598
Ion Ratio Lower Upper
139 100
109 102.3 78.5 118.5
65 122.3 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 38.099 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

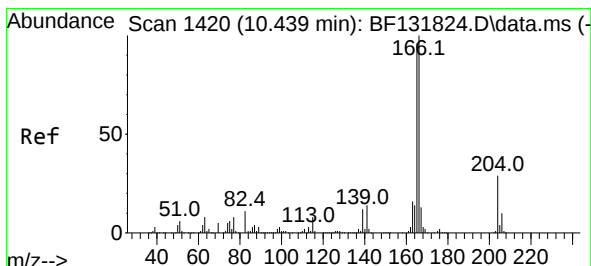
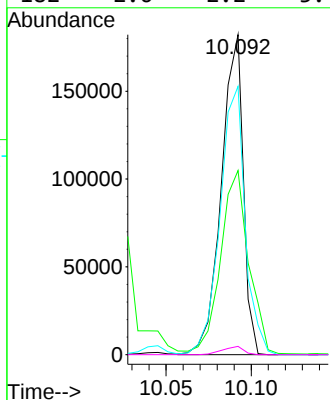
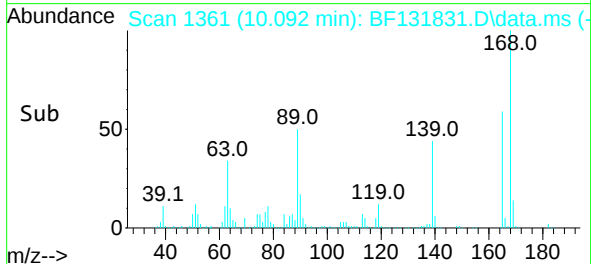
Instrument :
BNA_F
ClientSampleId :
PB149872BS



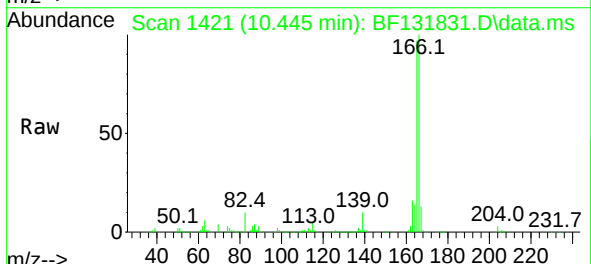
Tgt Ion:165 Resp: 163278
Ion Ratio Lower Upper
165 100
63 57.6 42.1 63.1
89 83.8 69.1 103.7
182 2.6 2.2 3.4

Manual Integrations
APPROVED

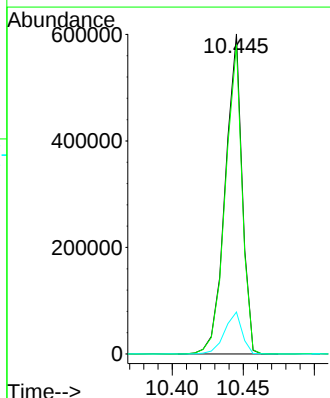
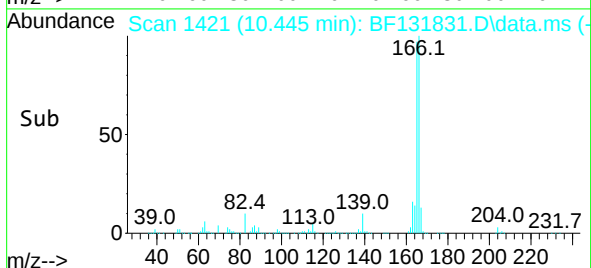
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

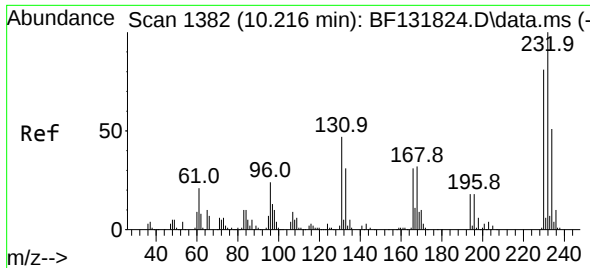


#58
Fluorene
Concen: 36.011 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



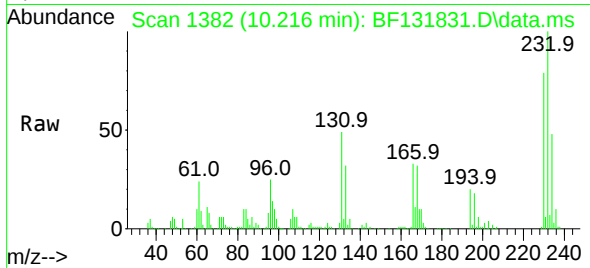
Tgt Ion:166 Resp: 493329
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.4
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.558 ng m
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

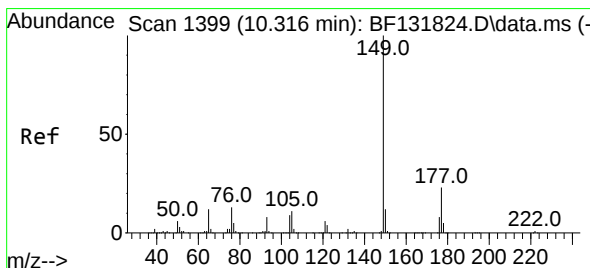
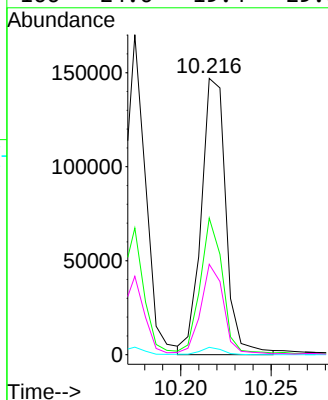
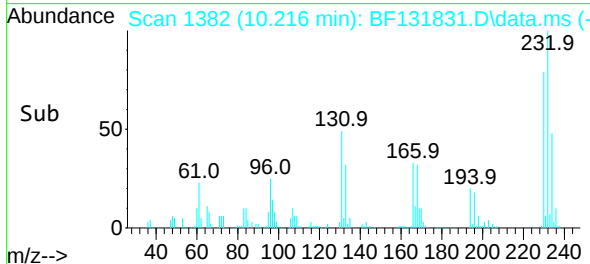
Instrument :
BNA_F
ClientSampleId :
PB149872BS



Tgt Ion:232 Resp: 13955
Ion Ratio Lower Upper
232 100
131 40.3 30.1 45.1
130 2.4 1.8 2.6
166 24.6 19.4 29.0

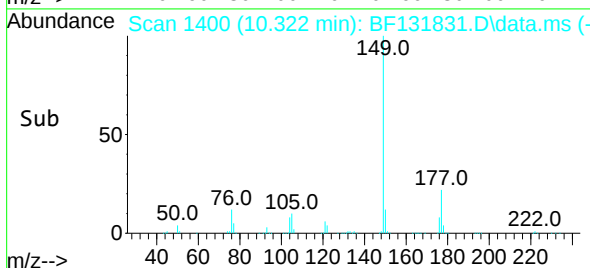
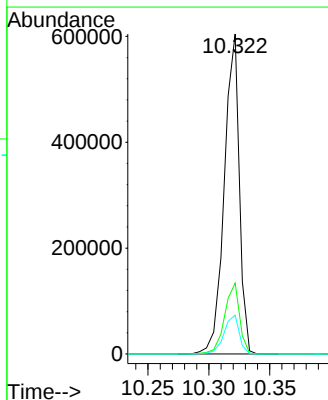
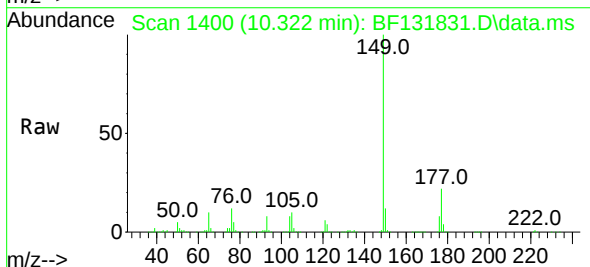
Manual Integrations
APPROVED

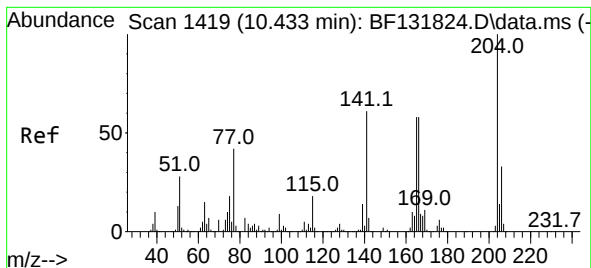
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#60
Diethylphthalate
Concen: 37.348 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

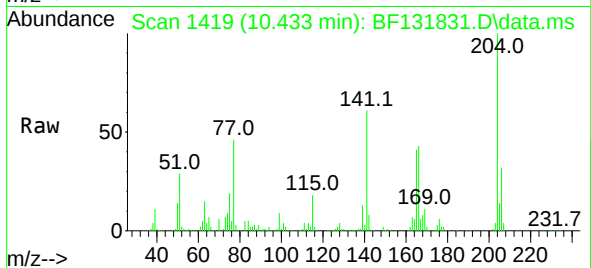
Tgt Ion:149 Resp: 520367
Ion Ratio Lower Upper
149 100
177 22.2 18.1 27.1
150 12.1 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 37.327 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

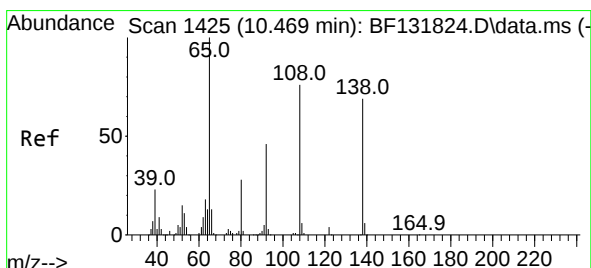
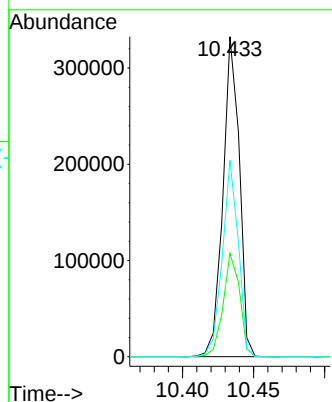
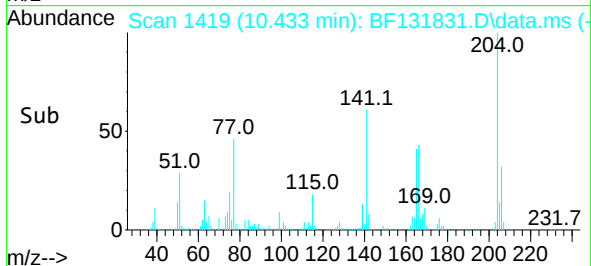
Instrument :
BNA_F
ClientSampleId :
PB149872BS



Tgt Ion:204 Resp: 265839
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.3 49.0 73.4

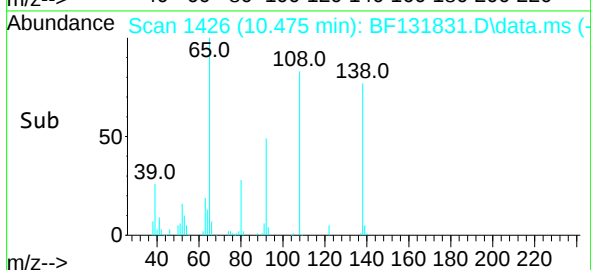
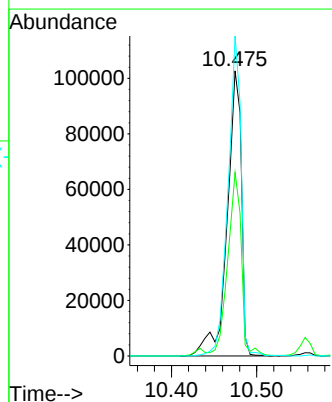
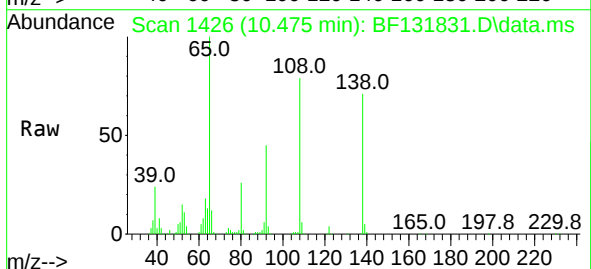
Manual Integrations
APPROVED

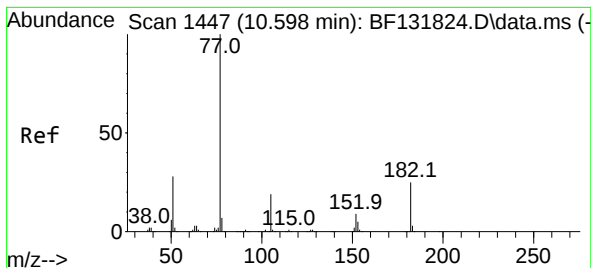
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#62
4-Nitroaniline
Concen: 35.735 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:138 Resp: 118918
Ion Ratio Lower Upper
138 100
92 64.3 47.2 87.2
108 112.2 89.2 129.2





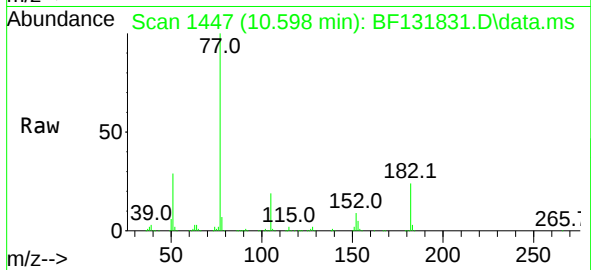
#63
Azobenzene
Concen: 36.693 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

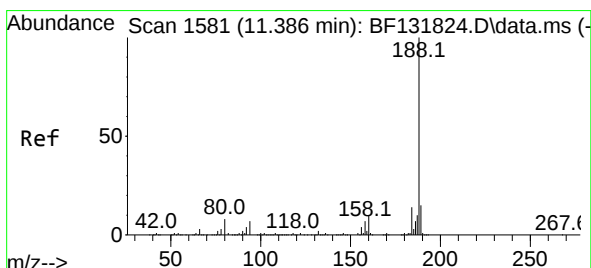
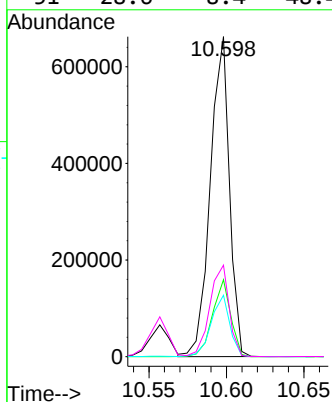
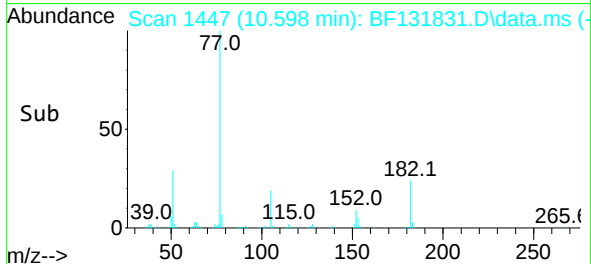


Tgt Ion: 77 Resp: 56738
Ion Ratio Lower Upper
77 100
182 24.1 5.0 45.0
105 19.2 0.0 39.4
51 28.6 8.4 48.4

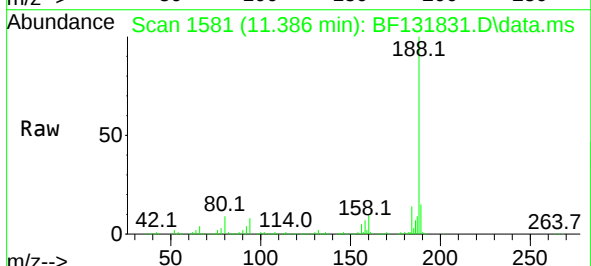
Manual Integrations

APPROVED

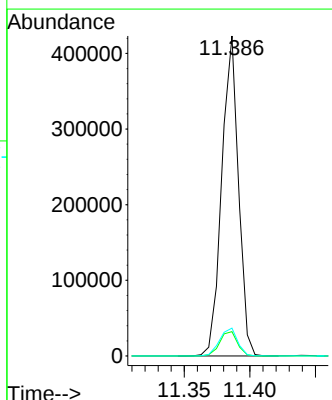
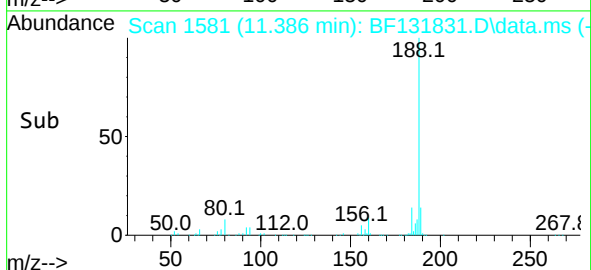
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

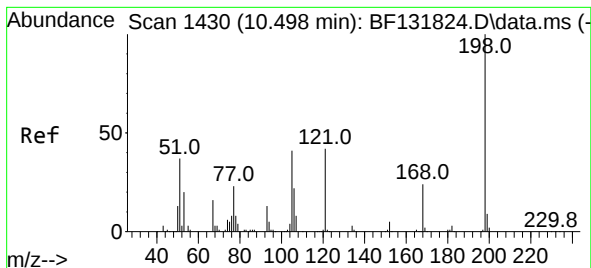


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:188 Resp: 374556
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 8.7 6.7 10.1





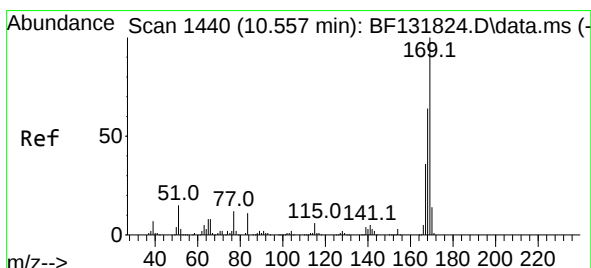
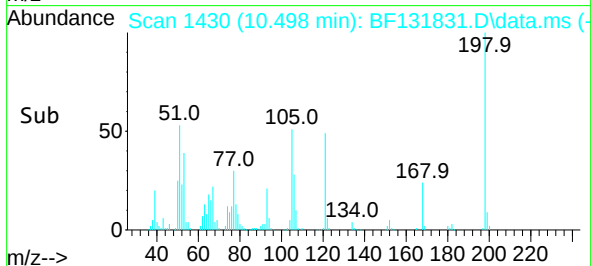
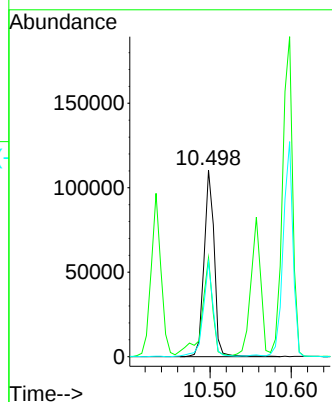
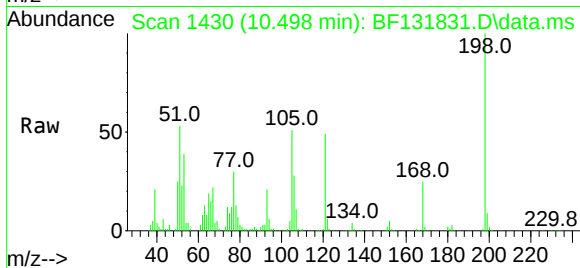
#65
4,6-Dinitro-2-methylphenol
Concen: 37.551 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :
BNA_F
ClientSampleId :
PB149872BS

Tgt Ion:198 Resp: 95764
Ion Ratio Lower Upper
198 100
51 53.1 21.6 61.6
105 50.9 22.0 62.0

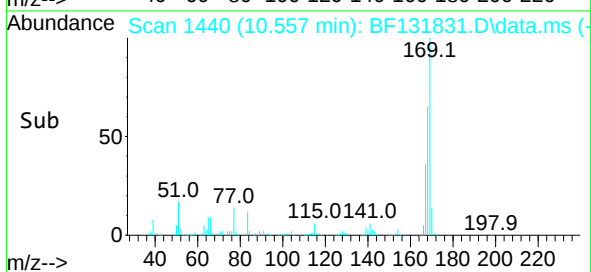
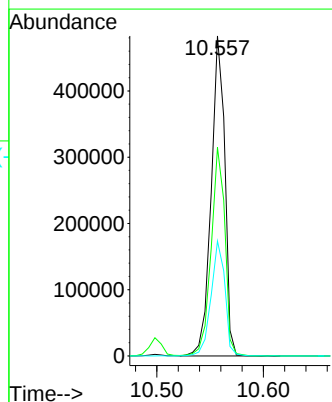
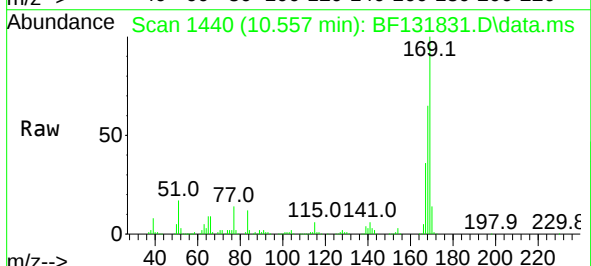
Manual Integrations
APPROVED

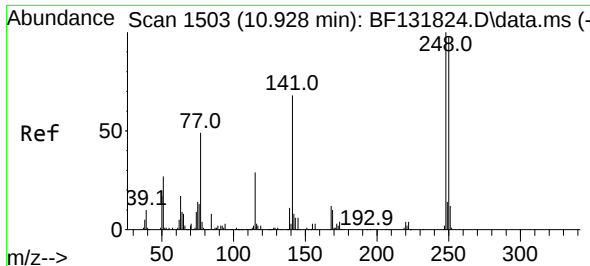
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#66
n-Nitrosodiphenylamine
Concen: 37.748 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:169 Resp: 431288
Ion Ratio Lower Upper
169 100
168 65.1 51.5 77.3
167 35.9 28.4 42.6





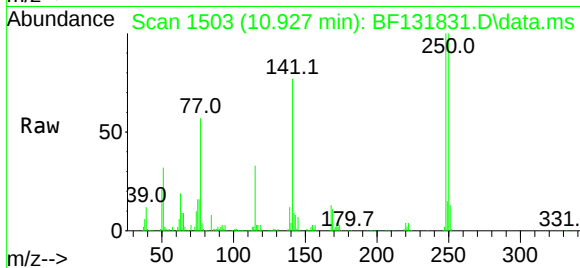
#67
4-Bromophenyl-phenylether
Concen: 37.413 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

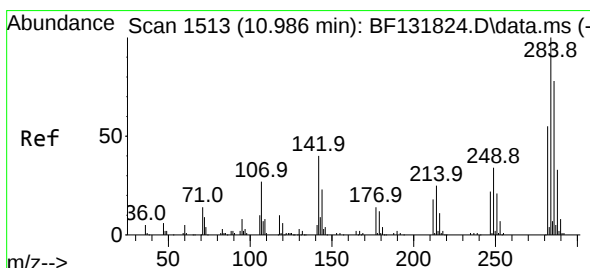
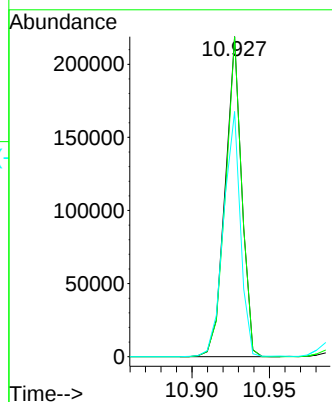
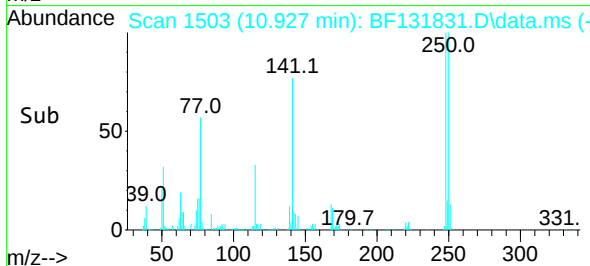


Tgt Ion:248 Resp: 162415
Ion Ratio Lower Upper
248 100
250 100.0 78.0 117.0
141 76.6 54.8 82.2

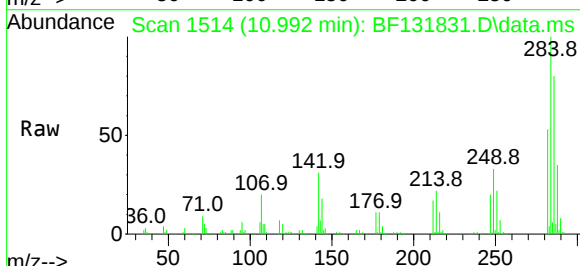
Manual Integrations

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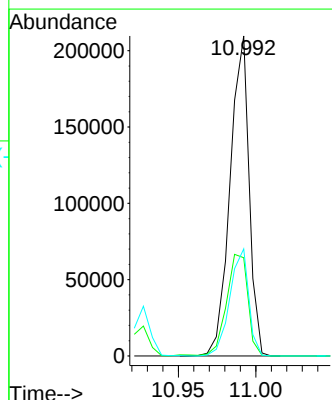
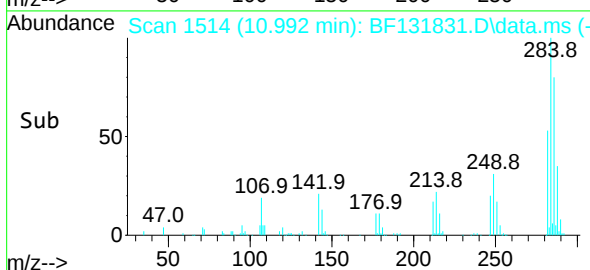
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

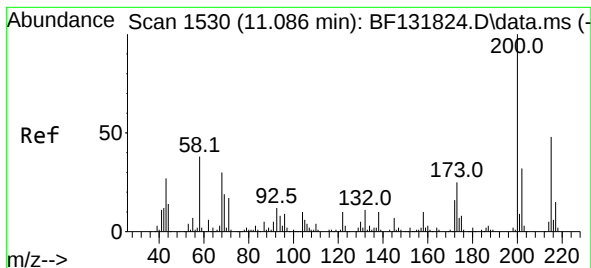


#68
Hexachlorobenzene
Concen: 37.522 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:284 Resp: 178933
Ion Ratio Lower Upper
284 100
142 30.7 31.6 47.4#
249 33.4 26.9 40.3





#69

Atrazine

Concen: 44.266 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

Tgt Ion:200 Resp: 16650

Ion Ratio Lower Upper

200 100

173 22.5 4.5 44.5

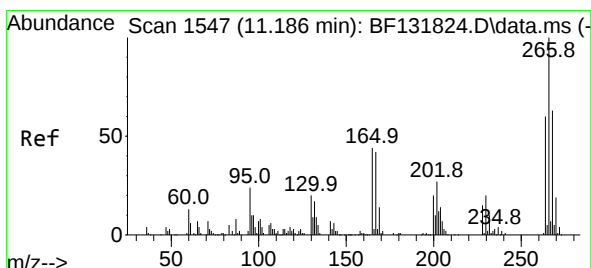
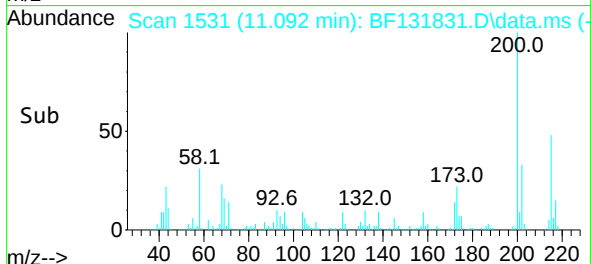
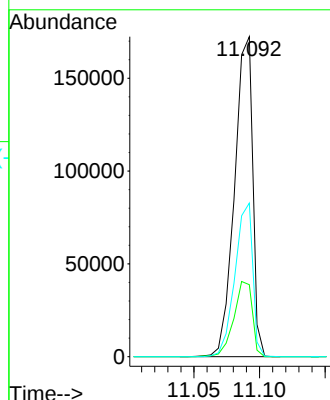
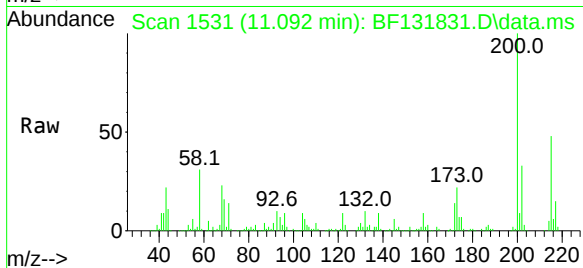
215 48.0 28.5 68.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Yogesh Patel 12/28/2022



#70

Pentachlorophenol

Concen: 84.557 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.006 min

Lab File: BF131831.D

Acq: 24 Dec 2022 18:37

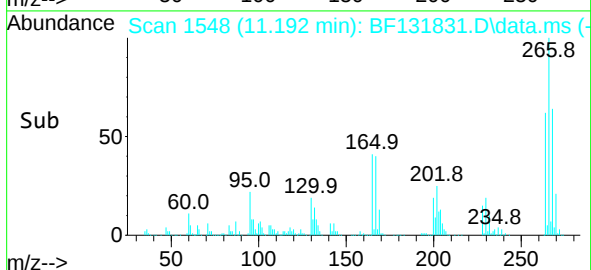
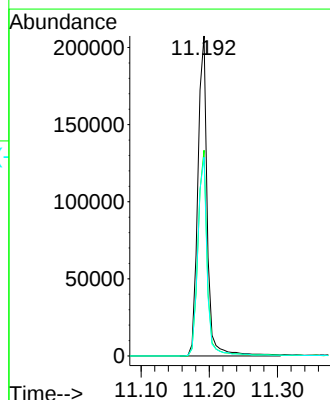
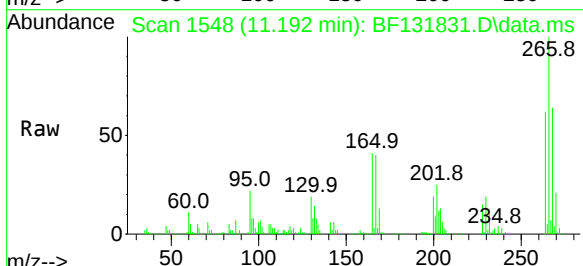
Tgt Ion:266 Resp: 199530

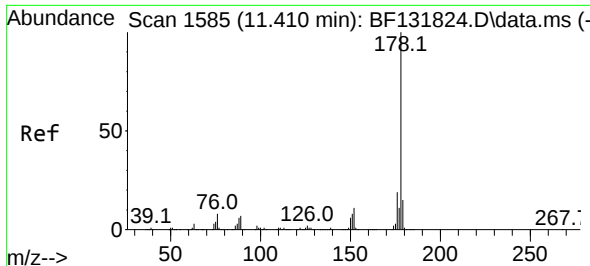
Ion Ratio Lower Upper

266 100

268 64.3 50.5 75.7

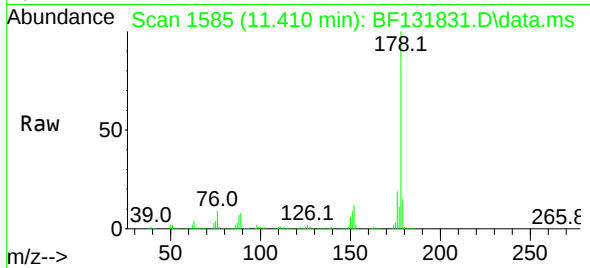
264 62.1 48.3 72.5





#71
Phenanthrene
Concen: 36.391 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

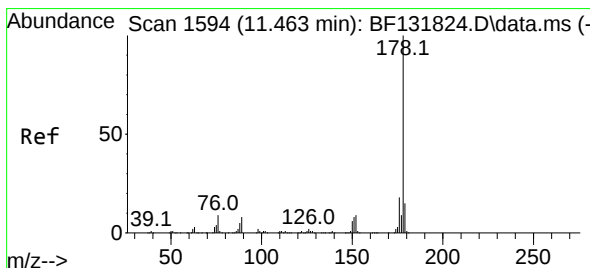
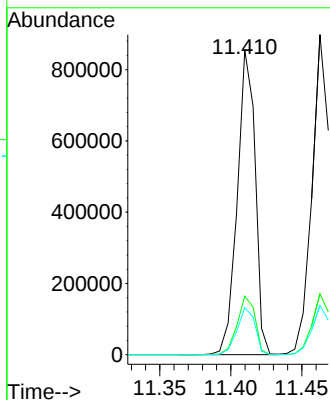
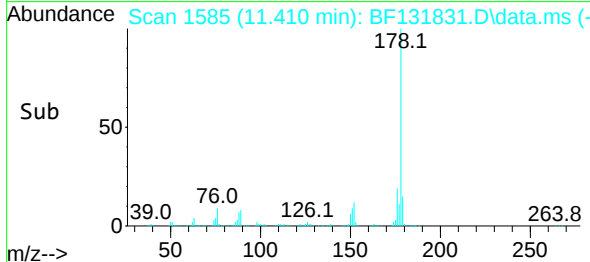
Instrument :
BNA_F
ClientSampleId :
PB149872BS



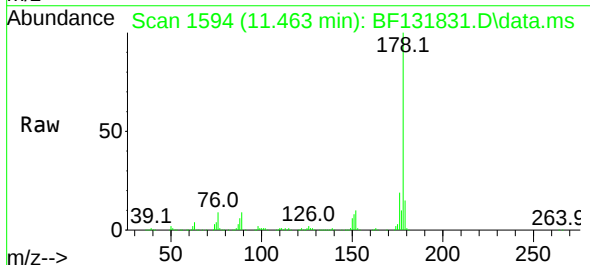
Tgt Ion:178 Resp: 749551
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.2 18.4

Manual Integrations
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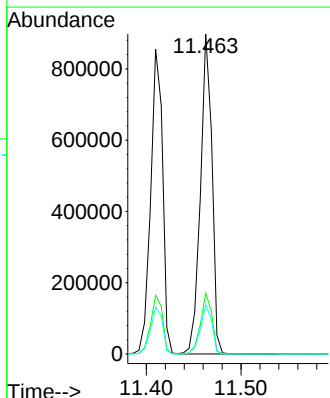
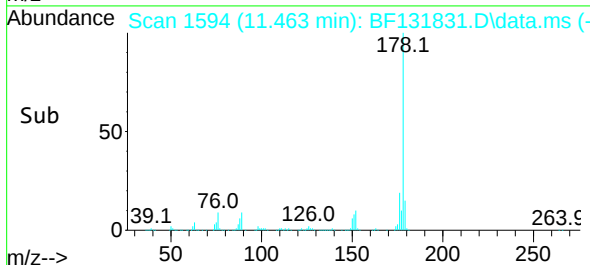
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

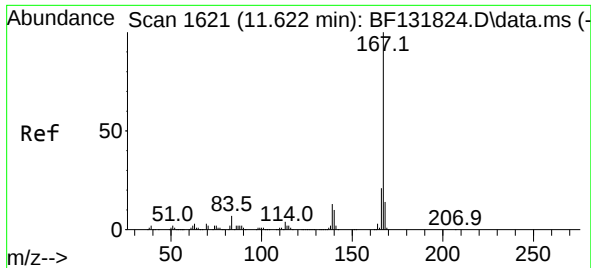


#72
Anthracene
Concen: 37.817 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:178 Resp: 761980
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 12.2 18.2





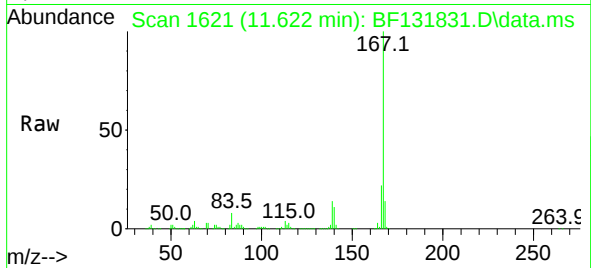
#73
 Carbazole
 Concen: 38.622 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

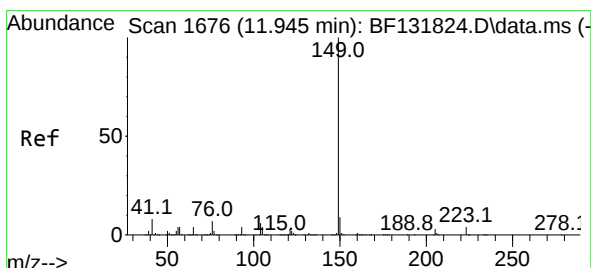
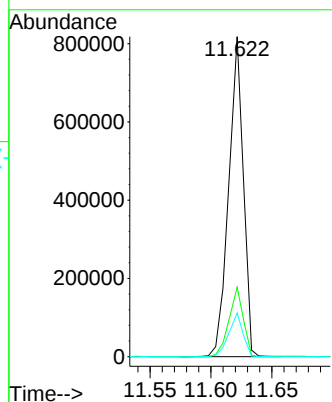
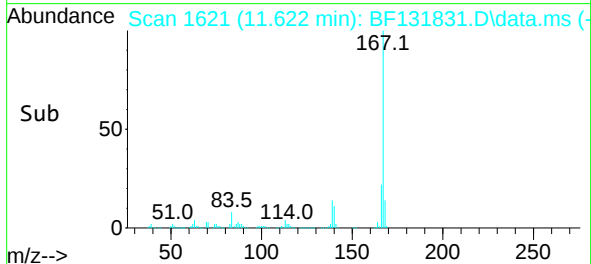


Tgt Ion:167 Resp: 687012
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.6 24.8
 139 13.6 10.6 15.8

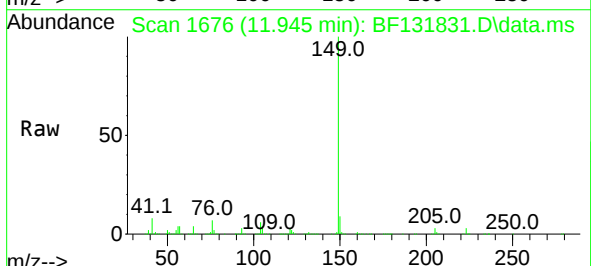
Manual Integrations

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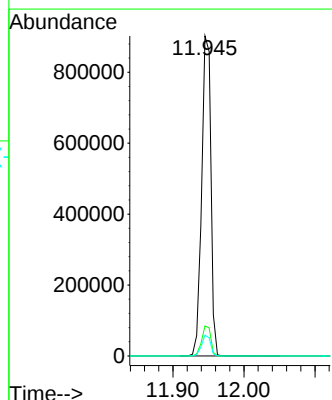
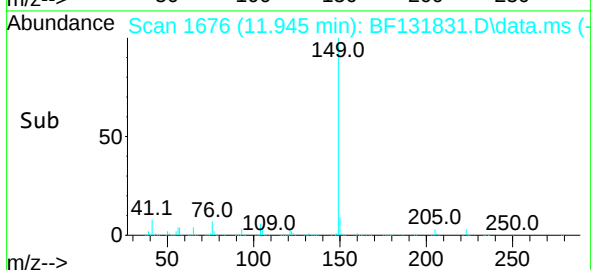
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

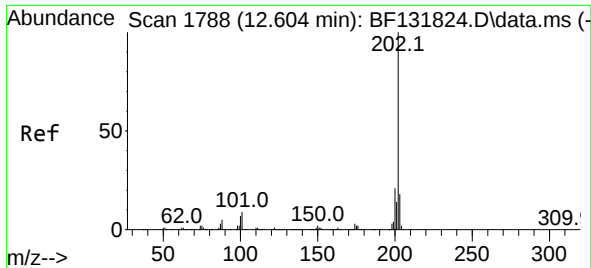


#74
 Di-n-butylphthalate
 Concen: 38.003 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37



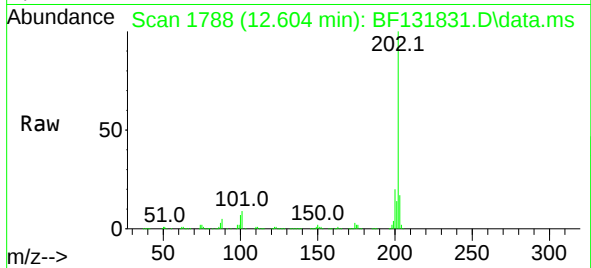
Tgt Ion:149 Resp: 817087
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.5 5.1 7.7





#75
Fluoranthene
Concen: 37.354 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

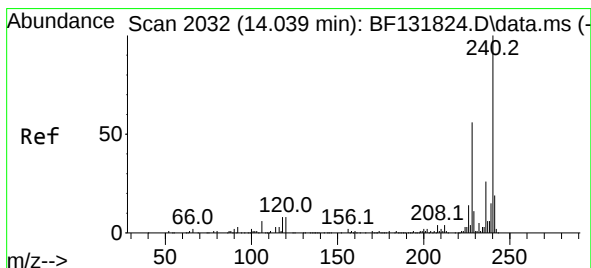
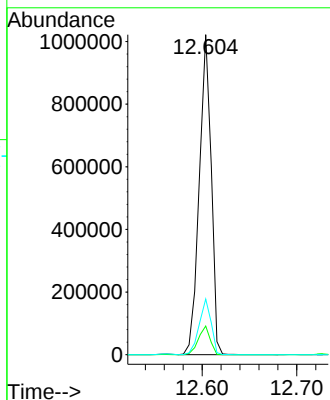
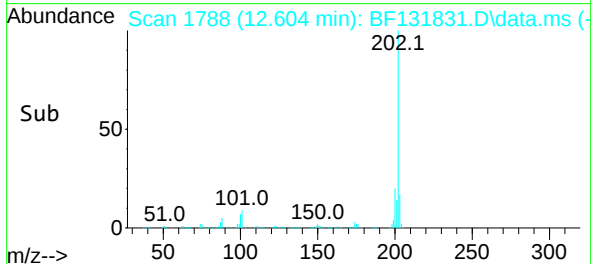
Instrument :
BNA_F
ClientSampleId :
PB149872BS



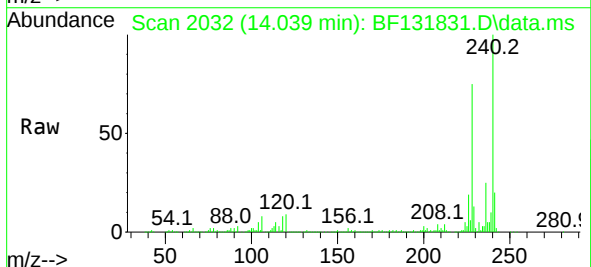
Tgt Ion:202 Resp: 89617
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 17.4 0.0 37.8

Manual Integrations
APPROVED

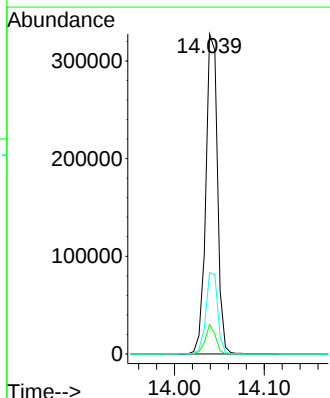
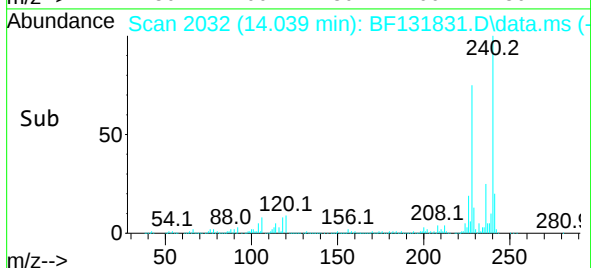
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

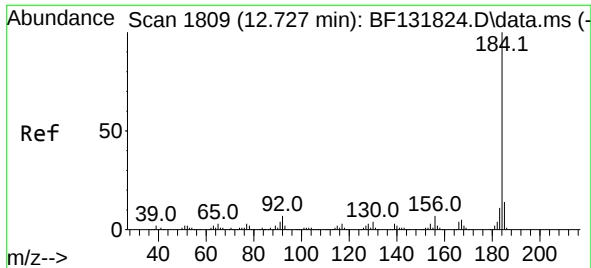


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



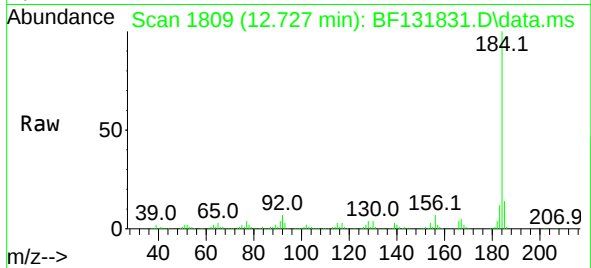
Tgt Ion:240 Resp: 295971
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 25.4 20.6 31.0





#77
Benzidine
Concen: 44.408 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

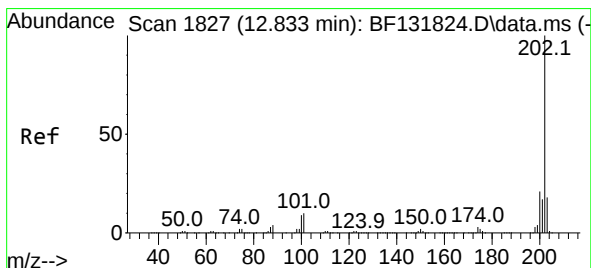
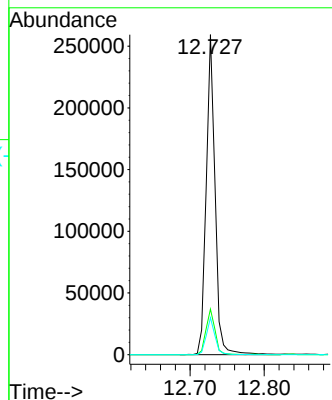
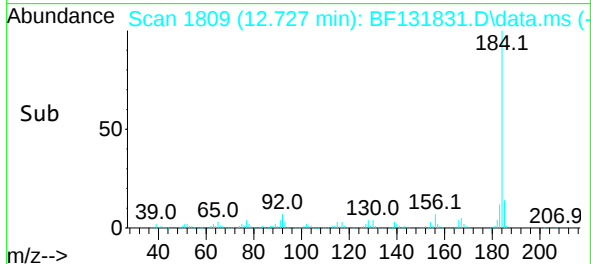
Instrument :
BNA_F
ClientSampleId :
PB149872BS



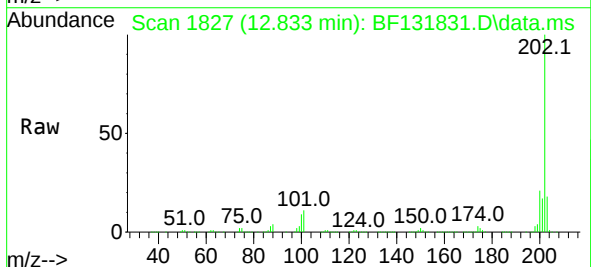
Tgt Ion:184 Resp: 21599
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.6 9.0 13.4

Manual Integrations
APPROVED

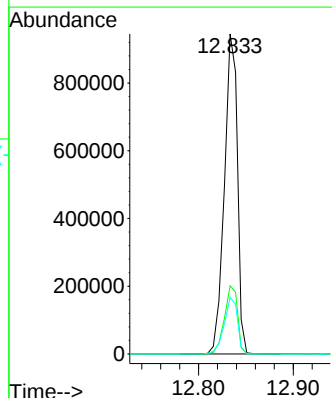
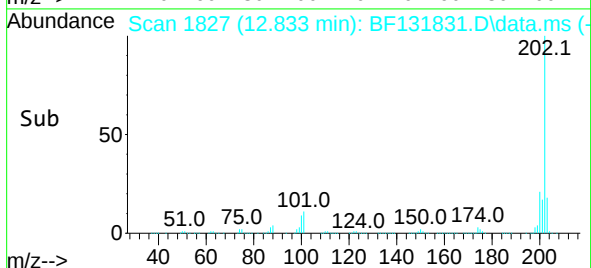
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

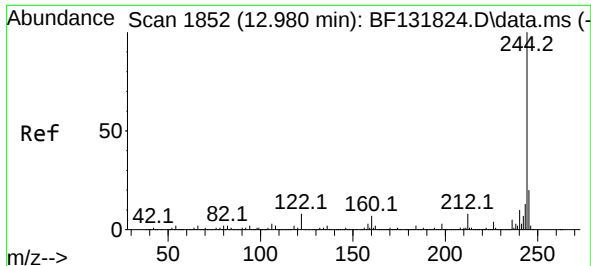


#78
Pyrene
Concen: 36.538 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:202 Resp: 906410
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 14.4 21.6





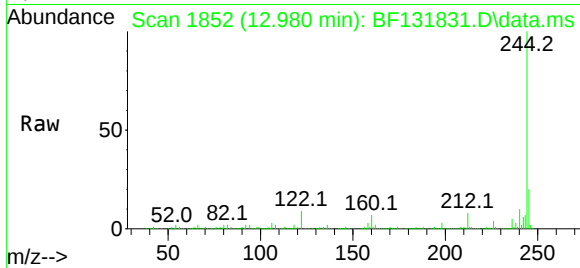
#79
 Terphenyl-d14
 Concen: 75.824 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

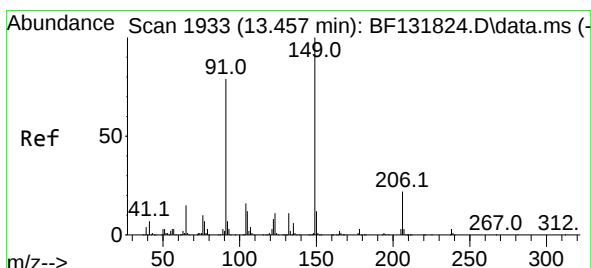
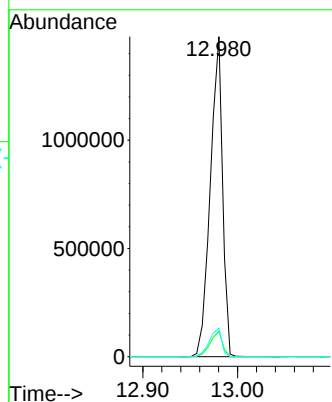
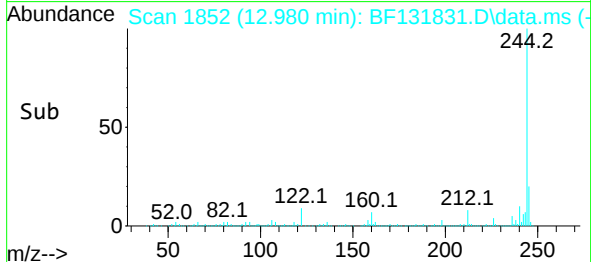


Tgt Ion:244 Resp: 1326715
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.8 6.4 9.6

Manual Integrations

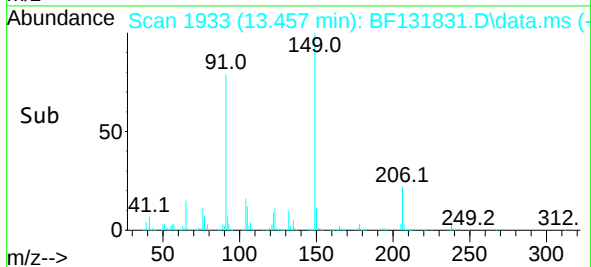
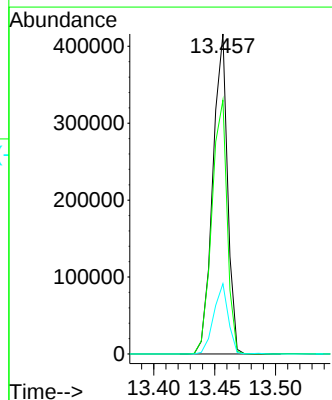
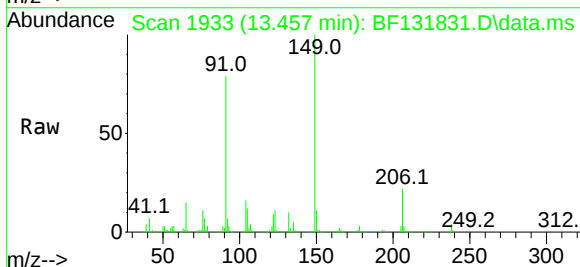
APPROVED

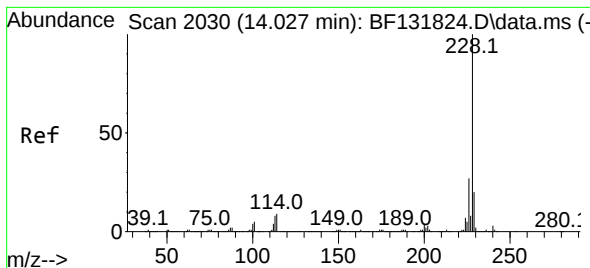
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022



#80
 Butylbenzylphthalate
 Concen: 38.154 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37

Tgt Ion:149 Resp: 351062
 Ion Ratio Lower Upper
 149 100
 91 79.3 63.2 94.8
 206 22.0 17.9 26.9





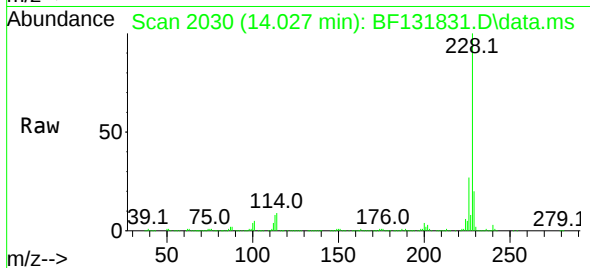
#81
Benzo(a)anthracene
Concen: 37.201 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

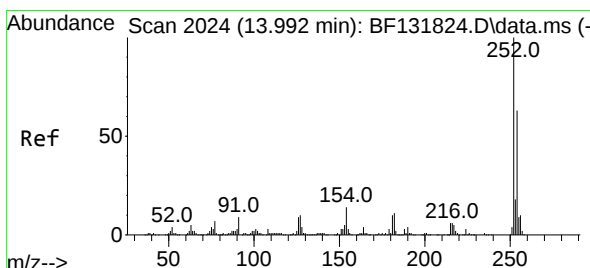
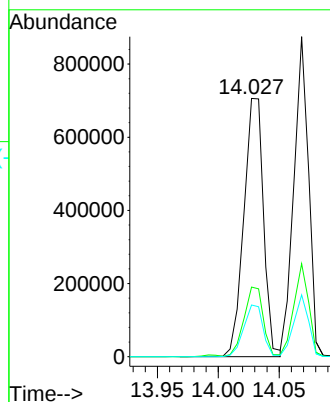
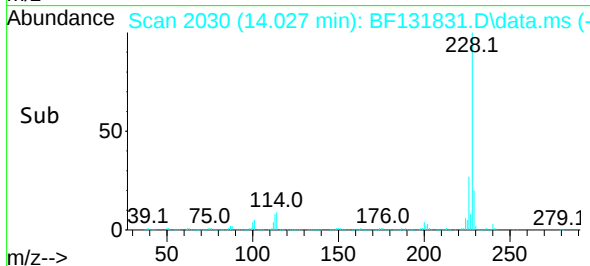


Tgt Ion:228 Resp: 797176
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.0 16.0 24.0

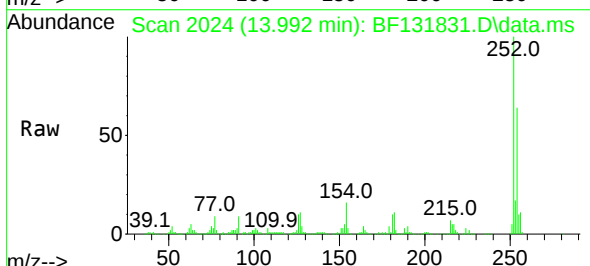
Manual Integrations

APPROVED

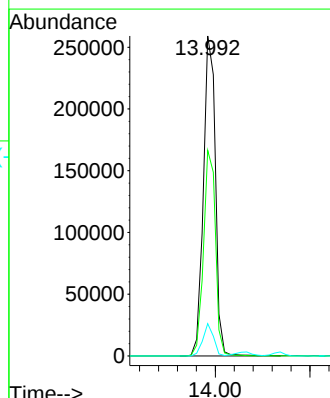
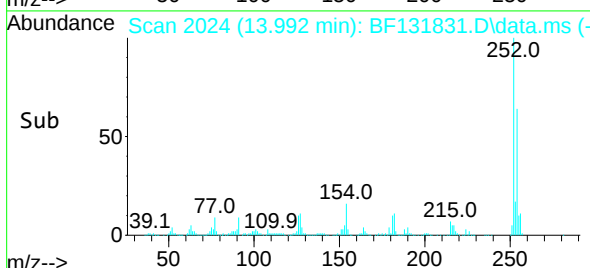
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

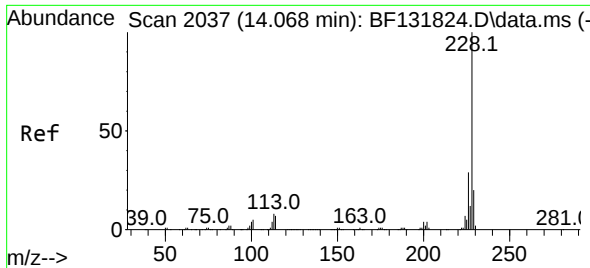


#82
3,3'-Dichlorobenzidine
Concen: 36.678 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



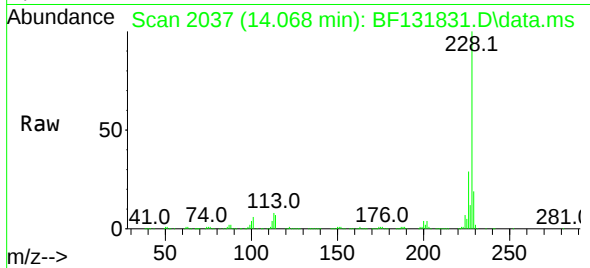
Tgt Ion:252 Resp: 227176
Ion Ratio Lower Upper
252 100
254 64.2 50.4 75.6
126 10.1 7.5 11.3





#83
Chrysene
Concen: 36.473 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

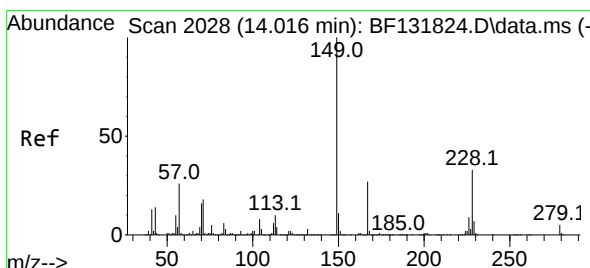
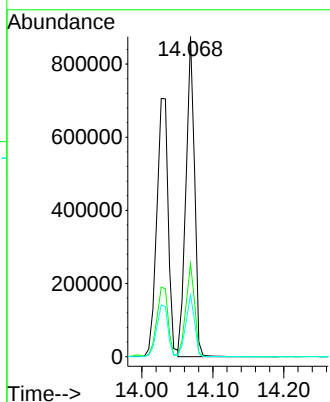
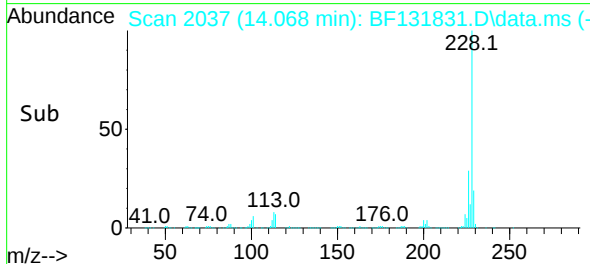
Instrument :
BNA_F
ClientSampleId :
PB149872BS



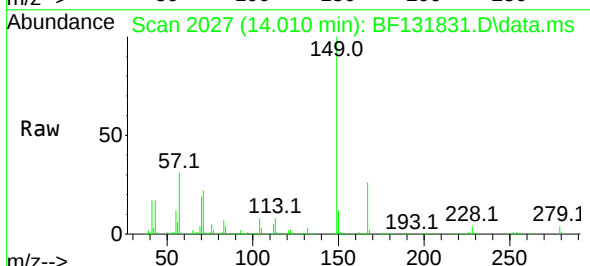
Tgt Ion:228 Resp: 73444
Ion Ratio Lower Upper
228 100
226 29.0 23.5 35.3
229 19.3 16.2 24.2

Manual Integrations
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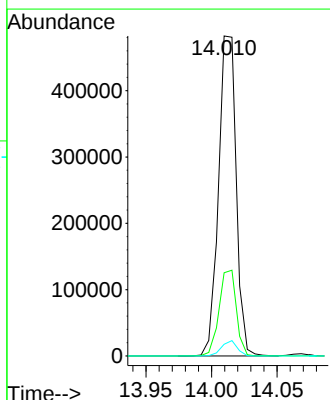
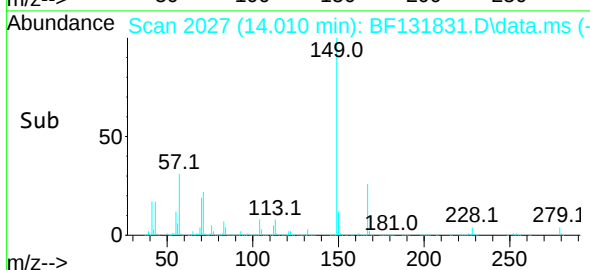
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

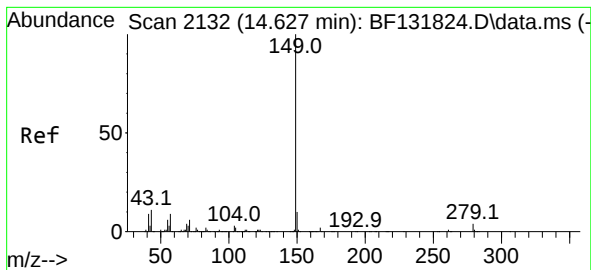


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.349 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



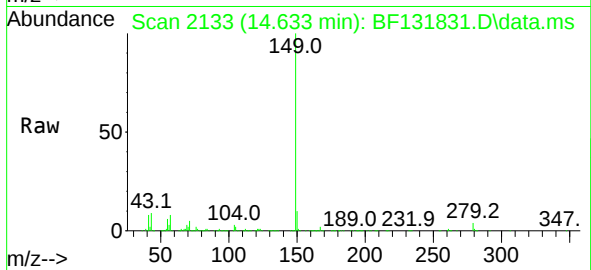
Tgt Ion:149 Resp: 452044
Ion Ratio Lower Upper
149 100
167 26.0 21.8 32.6
279 3.6 3.9 5.9#





#85
Di-n-octyl phthalate
Concen: 42.173 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

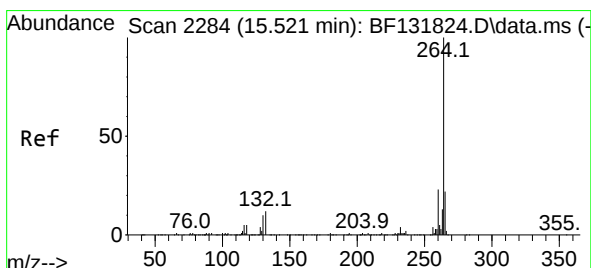
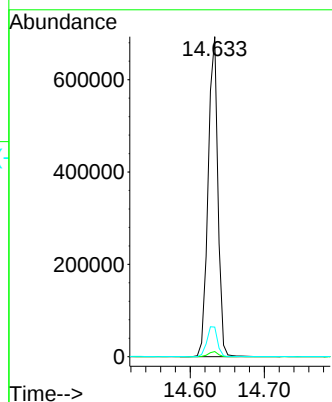
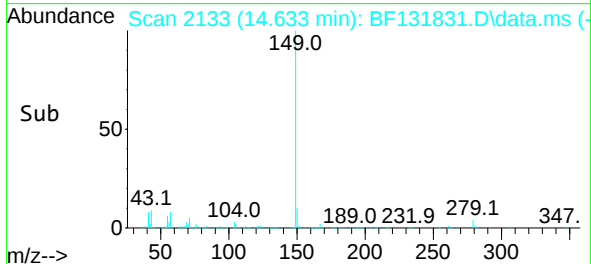
Instrument :
BNA_F
ClientSampleId :
PB149872BS



Tgt Ion:149 Resp: 636039
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.1 12.1

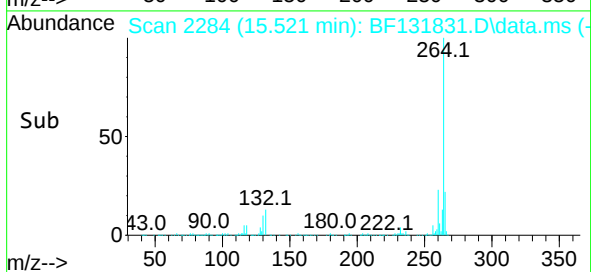
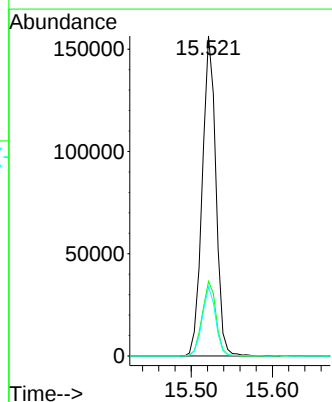
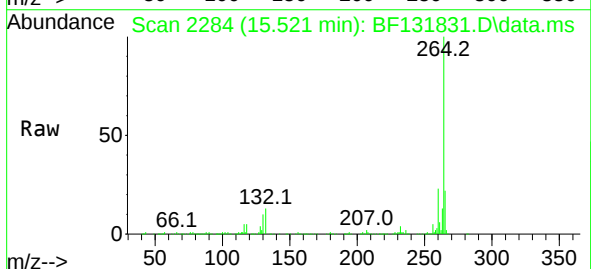
Manual Integrations
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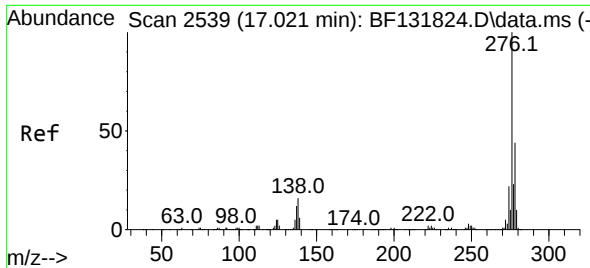
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:264 Resp: 182606
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.6 17.4 26.0





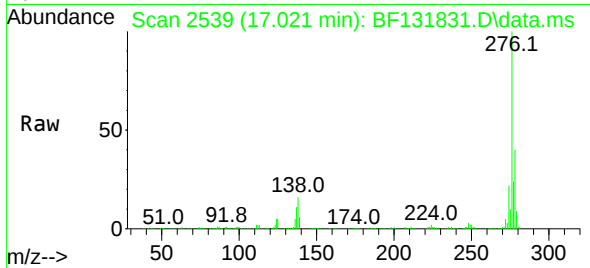
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.690 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

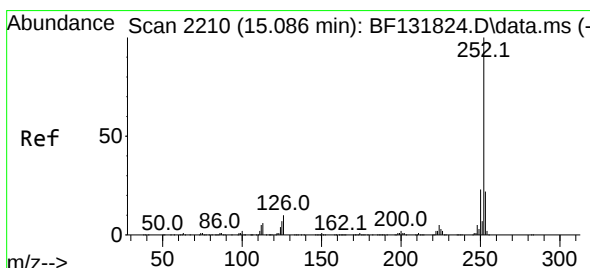
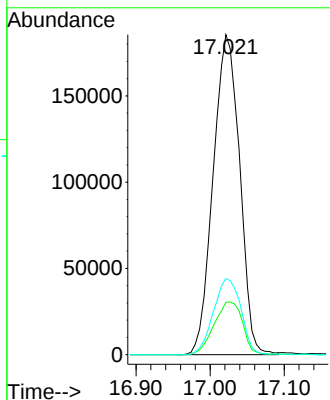
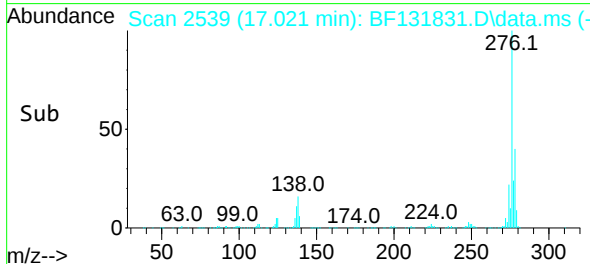


Tgt Ion:276 Resp: 46045
 Ion Ratio Lower Upper
 276 100
 138 17.7 14.5 21.7
 277 24.8 19.7 29.5

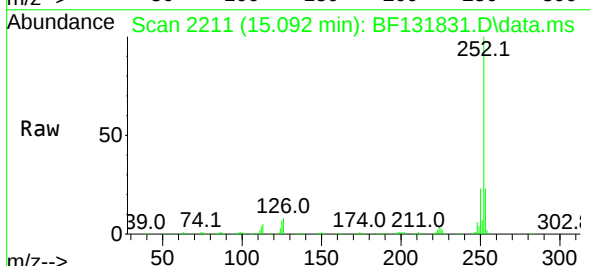
Manual Integrations

APPROVED

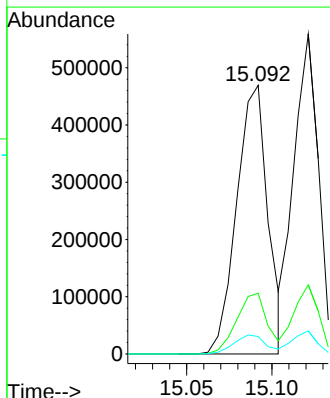
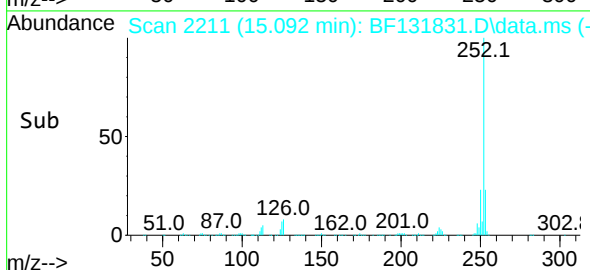
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Yogesh Patel 12/28/2022

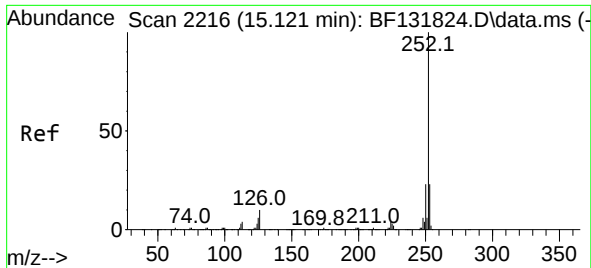


#88
 Benzo(b)fluoranthene
 Concen: 44.653 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. 0.006 min
 Lab File: BF131831.D
 Acq: 24 Dec 2022 18:37



Tgt Ion:252 Resp: 597874
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.6 26.4
 125 6.5 5.8 8.8





#89
Benzo(k)fluoranthene
Concen: 44.070 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

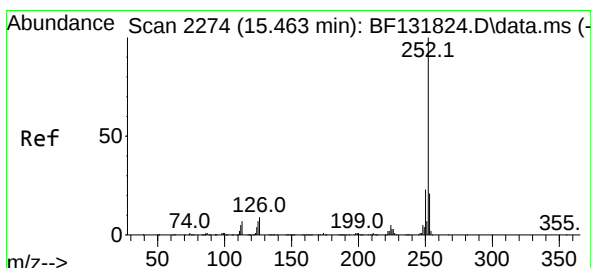
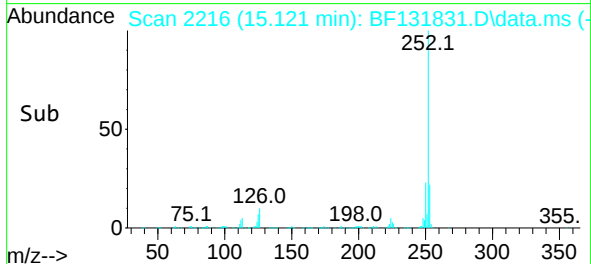
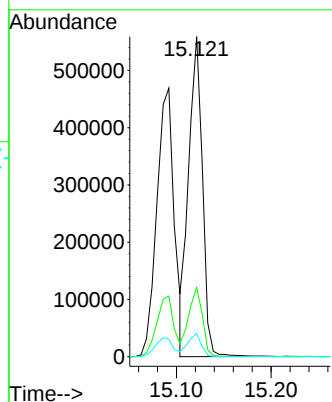
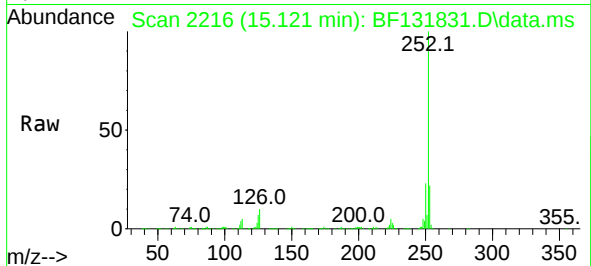
PB149872BS

Tgt Ion:252 Resp: 570134
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.2 5.4 8.0

Manual Integrations

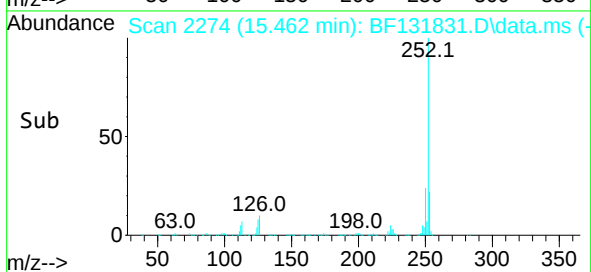
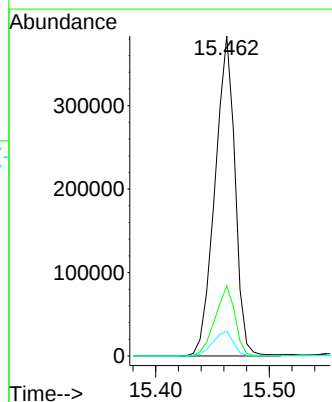
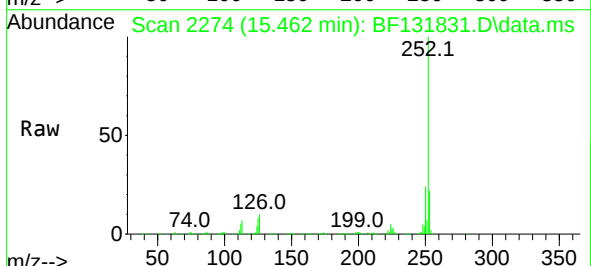
APPROVED

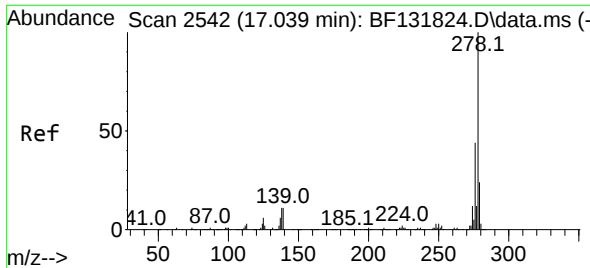
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#90
Benzo(a)pyrene
Concen: 45.456 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Tgt Ion:252 Resp: 471206
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 7.8 5.8 8.8





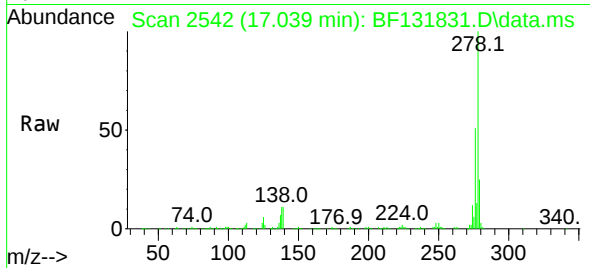
#91
Dibenzo(a,h)anthracene
Concen: 41.254 ng
RT: 17.039 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37

Instrument :

BNA_F

ClientSampleId :

PB149872BS

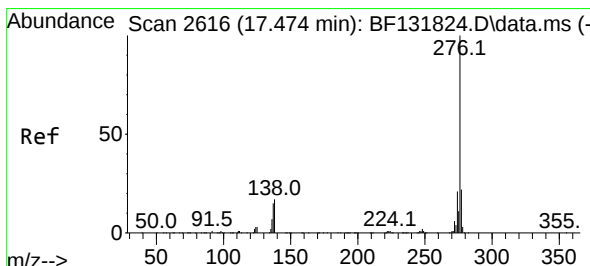
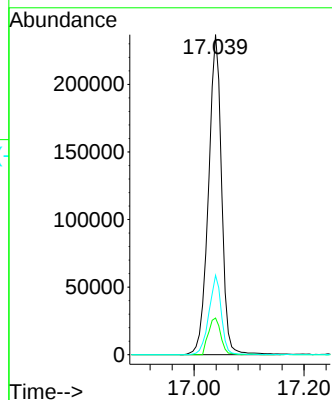
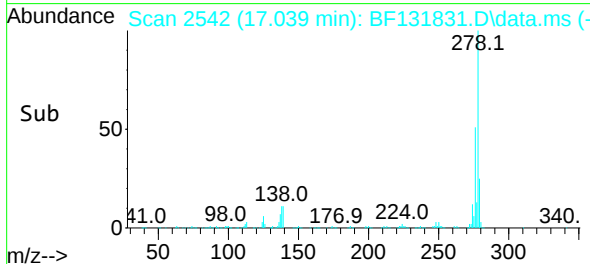


Tgt Ion:278 Resp: 392019
Ion Ratio Lower Upper
278 100
139 11.5 8.6 12.8
279 24.8 19.0 28.4

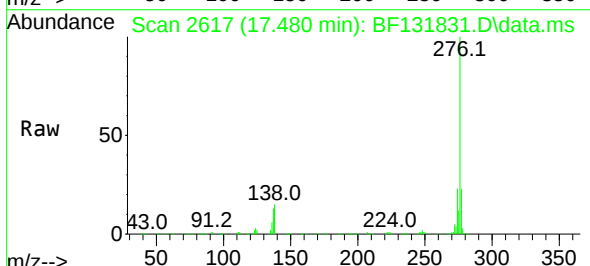
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022



#92
Benzo(g,h,i)perylene
Concen: 36.323 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF131831.D
Acq: 24 Dec 2022 18:37



Tgt Ion:276 Resp: 392147
Ion Ratio Lower Upper
276 100
277 23.2 17.9 26.9
138 15.0 13.7 20.5

