

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131859.D
 Acq On : 28 Dec 2022 14:13
 Operator : CG\JU
 Sample : PB149939BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149939BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/29/2022
 Supervised By : Jagrut Upadhyay 01/03/2023

Quant Time: Dec 29 00:53:58 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	6.828	152	94019	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	365992	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	220471	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	434354	20.000	ng	0.00
76) Chrysene-d12	14.039	240	339788	20.000	ng	0.00
86) Perylene-d12	15.521	264	222929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	709366	125.036	ng	0.01
7) Phenol-d6	6.469	99	928260	124.537	ng	0.00
23) Nitrobenzene-d5	7.404	82	636763	69.464	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	287872	120.176	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1119187	69.532	ng	0.00
79) Terphenyl-d14	12.980	244	1535411	76.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	85035	32.322	ng	98
3) Pyridine	3.351	79	232005	31.369	ng	99
4) n-Nitrosodimethylamine	3.322	42	141615	40.722	ng	94
6) Aniline	6.492	93	297560	32.918	ng	99
8) 2-Chlorophenol	6.616	128	256303	42.881	ng	98
9) Benzaldehyde	6.375	77	91984	19.233	ng	95
10) Phenol	6.481	94	359549	40.507	ng	89
11) bis(2-Chloroethyl)ether	6.569	93	269830	42.510	ng	98
12) 1,3-Dichlorobenzene	6.769	146	271651	39.770	ng	99
13) 1,4-Dichlorobenzene	6.845	146	275300	39.993	ng	98
14) 1,2-Dichlorobenzene	6.998	146	264018	40.817	ng	99
15) Benzyl Alcohol	6.981	79	274900	42.057	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	332557	41.055	ng	95
17) 2-Methylphenol	7.092	107	226226	41.401	ng	98
18) Hexachloroethane	7.339	117	112624	40.517	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	216816	41.187	ng	99
20) 3+4-Methylphenols	7.245	107	290006	40.676	ng	95
22) Acetophenone	7.245	105	408839	38.103	ng	99
24) Nitrobenzene	7.422	77	338284	36.823	ng	99
25) Isophorone	7.663	82	599628	40.055	ng	100
26) 2-Nitrophenol	7.734	139	135378	37.901	ng	93
27) 2,4-Dimethylphenol	7.775	122	225021	44.165	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	328854	40.947	ng	99
29) 2,4-Dichlorophenol	7.981	162	233512	38.041	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	265372	36.463	ng	99
31) Naphthalene	8.139	128	714899	35.667	ng	99
32) Benzoic acid	7.922	122	163246	43.836	ng	92
33) 4-Chloroaniline	8.192	127	208783	27.147	ng	99
34) Hexachlorobutadiene	8.251	225	175538	35.254	ng	99
35) Caprolactam	8.586	113	68003m	37.417	ng	
36) 4-Chloro-3-methylphenol	8.686	107	273988	39.493	ng	100
37) 2-Methylnaphthalene	8.839	142	498939	37.090	ng	98
38) 1-Methylnaphthalene	8.933	142	468327	35.841	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	286952	37.068	ng	99
41) Hexachlorocyclopentadiene	8.986	237	283321	81.647	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	184289	37.170	ng	99

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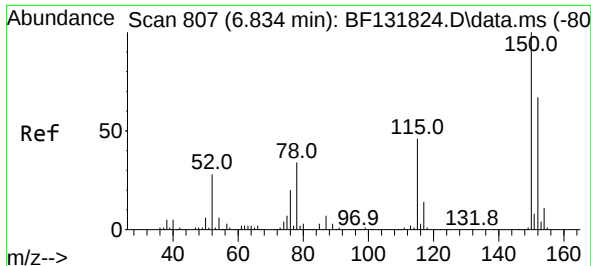
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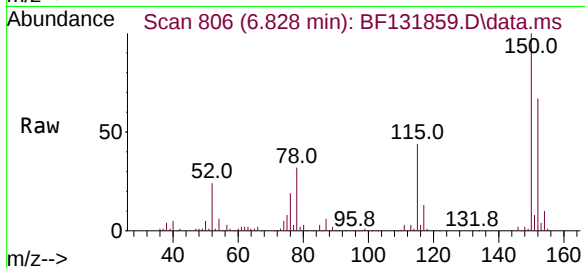
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	190210	35.490	ng	97
46) 1,1'-Biphenyl	9.304	154	635942	37.676	ng	100
47) 2-Chloronaphthalene	9.333	162	506960	36.304	ng	99
48) 2-Nitroaniline	9.433	65	187685	36.668	ng	96
49) Acenaphthylene	9.751	152	756195	36.367	ng	100
50) Dimethylphthalate	9.616	163	619217	37.125	ng	100
51) 2,6-Dinitrotoluene	9.680	165	134293	37.193	ng	93
52) Acenaphthene	9.922	154	455530	36.299	ng	97
53) 3-Nitroaniline	9.851	138	102243	27.791	ng	98
54) 2,4-Dinitrophenol	9.963	184	174317	83.893	ng	91
55) Dibenzofuran	10.098	168	706696	36.550	ng	97
56) 4-Nitrophenol	10.028	139	200436	77.772	ng	94
57) 2,4-Dinitrotoluene	10.086	165	189219	38.320	ng	# 89
58) Fluorene	10.439	166	579825	36.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	162196m	36.878	ng	
60) Diethylphthalate	10.316	149	602181	37.511	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	309192	37.681	ng	99
62) 4-Nitroaniline	10.475	138	139323m	36.337	ng	
63) Azobenzene	10.592	77	633861	35.578	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	113702	38.447	ng	92
66) n-Nitrosodiphenylamine	10.557	169	493085	37.215	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	189730	37.688	ng	93
68) Hexachlorobenzene	10.986	284	209634	37.908	ng	96
69) Atrazine	11.086	200	211431	48.471	ng	99
70) Pentachlorophenol	11.186	266	230979	84.408	ng	97
71) Phenanthrene	11.410	178	870083	36.427	ng	100
72) Anthracene	11.463	178	878161	37.583	ng	99
73) Carbazole	11.622	167	793547	38.470	ng	98
74) Di-n-butylphthalate	11.945	149	950945	38.140	ng	100
75) Fluoranthene	12.604	202	1031606	37.079	ng	98
77) Benzidine	12.727	184	281325	50.381	ng	99
78) Pyrene	12.833	202	1040893	36.548	ng	99
80) Butylbenzylphthalate	13.457	149	411238	38.930	ng	98
81) Benzo(a)anthracene	14.027	228	903986	36.745	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	262476	36.913	ng	97
83) Chrysene	14.068	228	844066	36.511	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	535815	41.659	ng	# 99
85) Di-n-octyl phthalate	14.633	149	804333	46.455	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	536975	37.914	ng	100
88) Benzo(b)fluoranthene	15.092	252	711820	43.547	ng	100
89) Benzo(k)fluoranthene	15.121	252	692461	43.844	ng	99
90) Benzo(a)pyrene	15.462	252	563971	44.564	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	463714	39.972	ng	99
92) Benzo(g,h,i)perylene	17.480	276	459427	35.069	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13

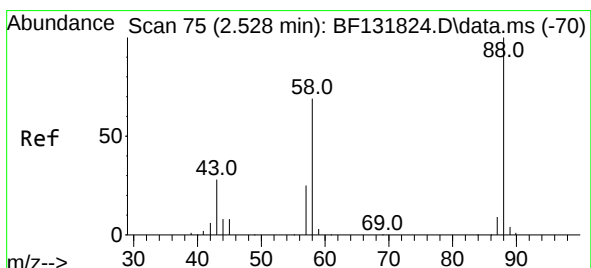
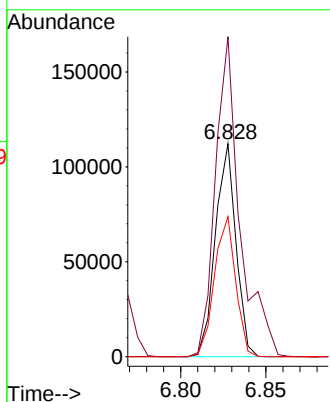
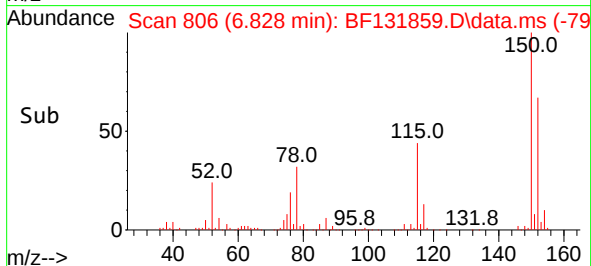
Instrument :
 BNA_F
 ClientSampleId :
 PB149939BS



Tgt Ion:152 Resp: 94019
 Ion Ratio Lower Upper
 152 100
 150 150.3 120.0 180.0
 115 65.7 55.1 82.7

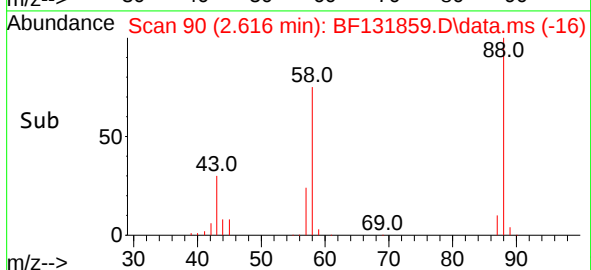
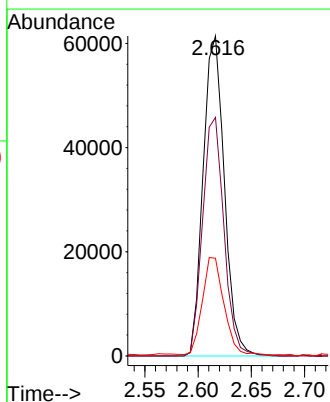
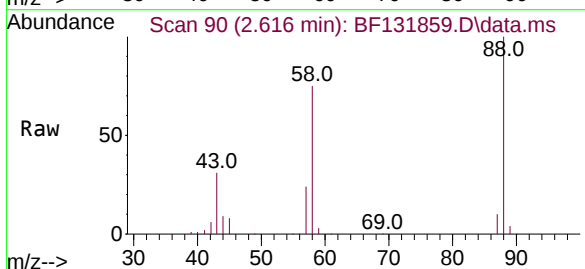
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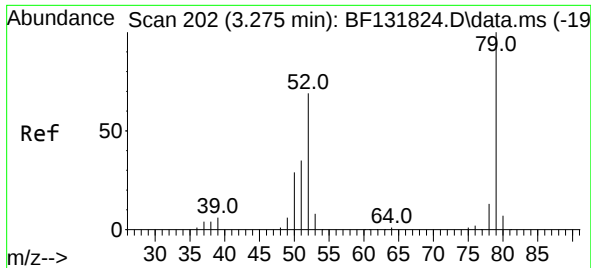
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#2
 1,4-Dioxane
 Concen: 32.322 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.088 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13

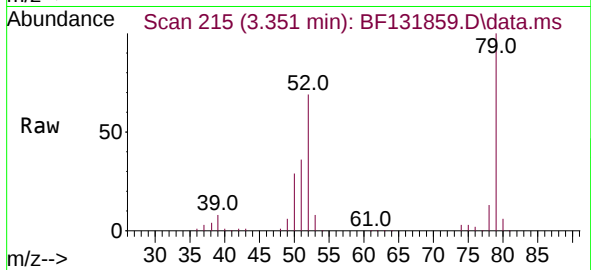
Tgt Ion: 88 Resp: 85035
 Ion Ratio Lower Upper
 88 100
 58 74.8 58.2 87.2
 43 31.0 24.2 36.4





#3
Pyridine
Concen: 31.369 ng
RT: 3.351 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

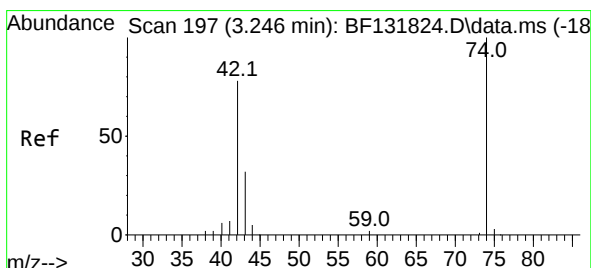
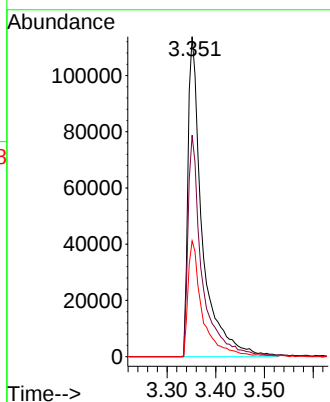
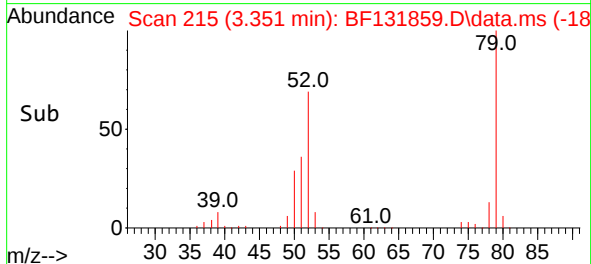
Instrument :
BNA_F
ClientSampleId :
PB149939BS



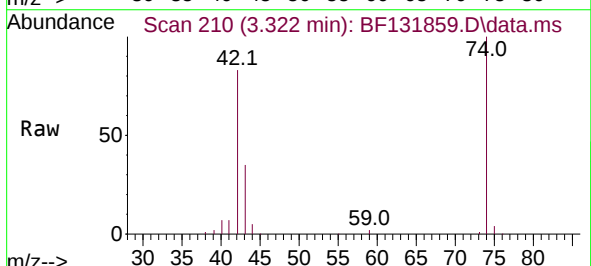
Tgt Ion: 79 Resp: 232005
Ion Ratio Lower Upper
79 100
52 69.2 55.4 83.2
51 36.2 27.8 41.8

Manual Integrations
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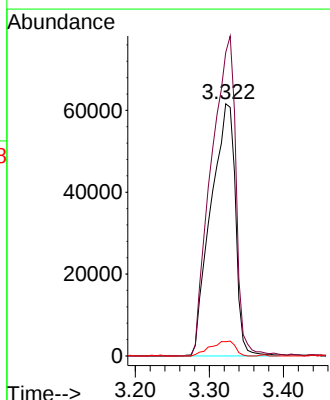
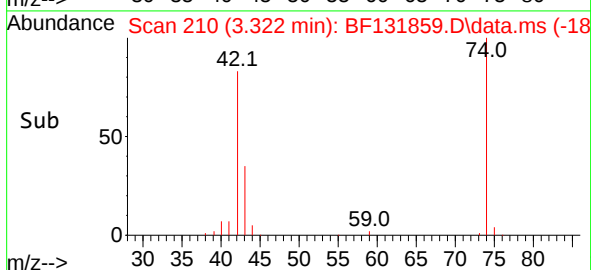
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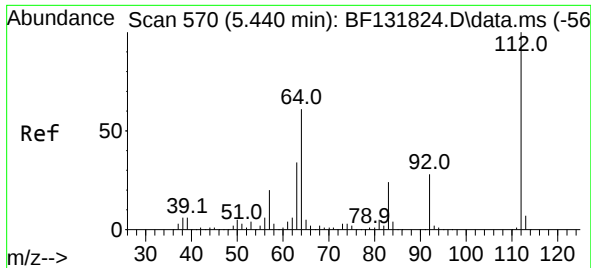


#4
n-Nitrosodimethylamine
Concen: 40.722 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion: 42 Resp: 141615
Ion Ratio Lower Upper
42 100
74 120.3 102.0 153.0
44 5.6 4.6 7.0





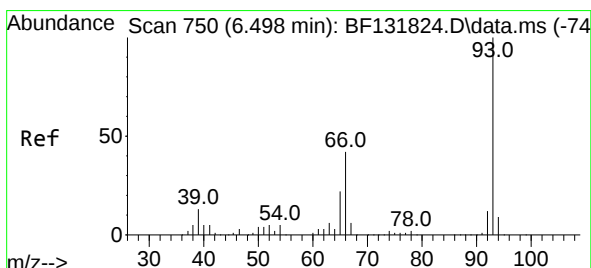
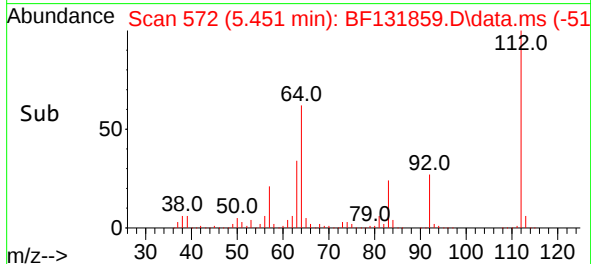
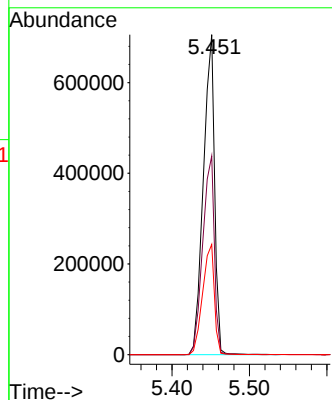
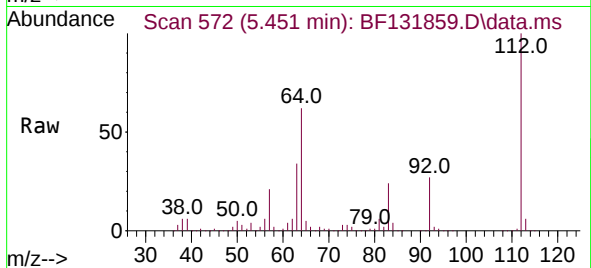
#5
2-Fluorophenol
Concen: 125.036 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
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Tgt Ion:112 Resp: 709366
Ion Ratio Lower Upper
112 100
64 62.1 49.2 73.8
63 34.4 27.5 41.3

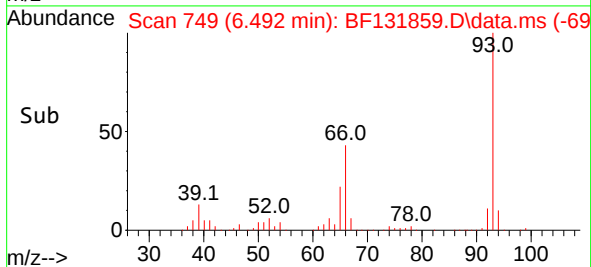
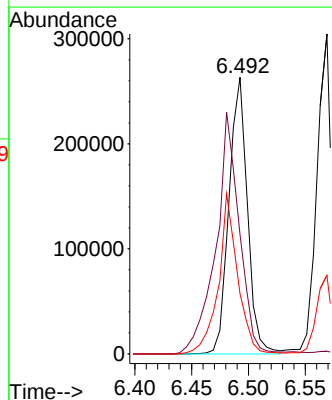
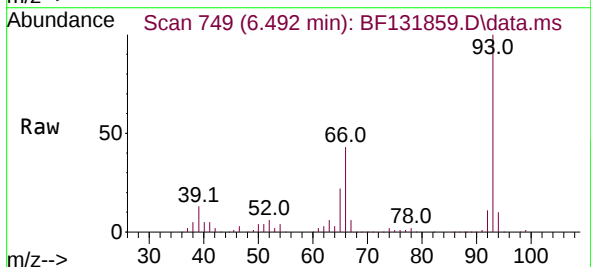
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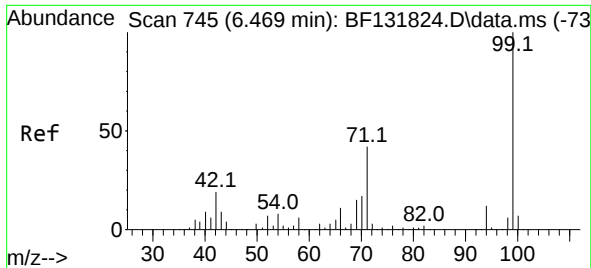
Reviewed By :Christian Giraldo 12/29/2022
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#6
Aniline
Concen: 32.918 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

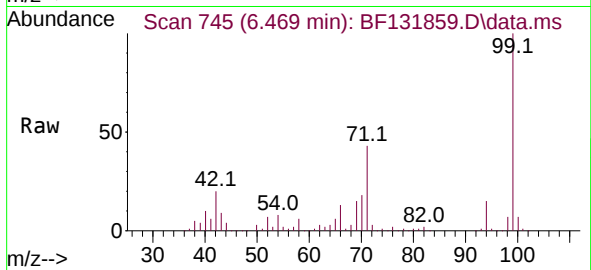
Tgt Ion: 93 Resp: 297560
Ion Ratio Lower Upper
93 100
66 43.1 33.9 50.9
65 21.7 17.4 26.0





#7
Phenol-d6
Concen: 124.537 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

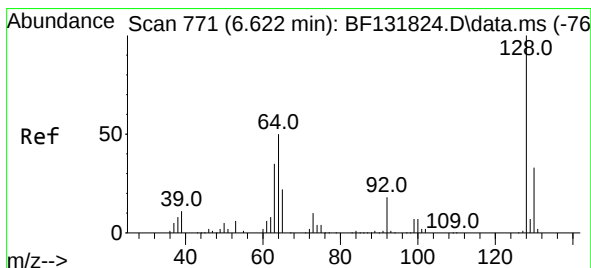
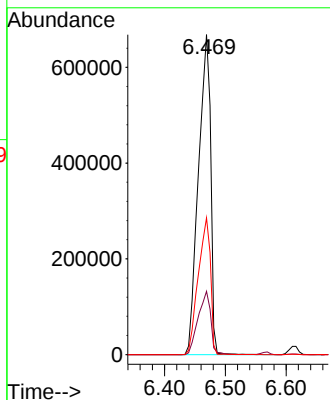
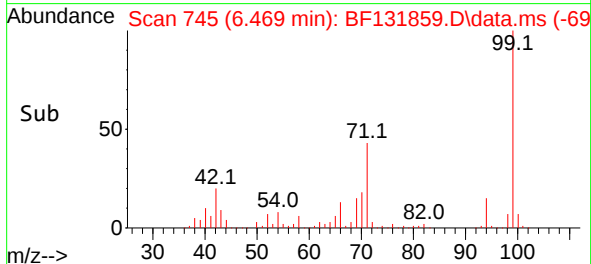
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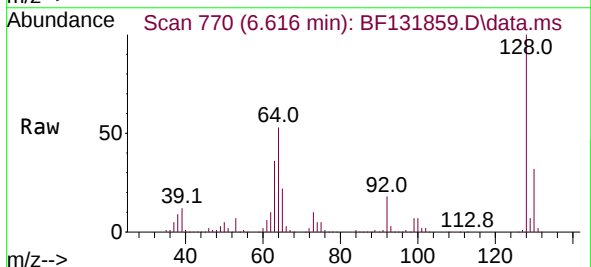
Tgt Ion: 99 Resp: 928260
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 42.7 33.5 50.3

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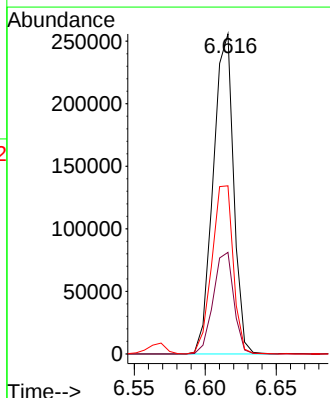
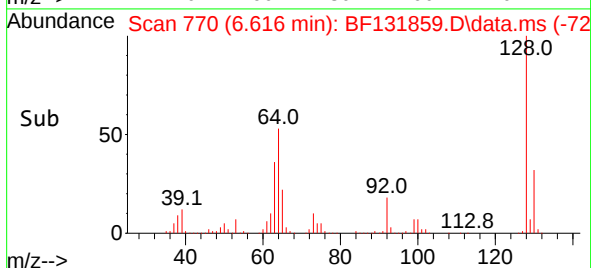
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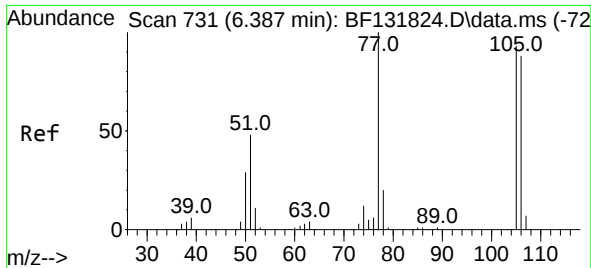


#8
2-Chlorophenol
Concen: 42.881 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:128 Resp: 256303
Ion Ratio Lower Upper
128 100
130 31.7 12.6 52.6
64 52.5 30.7 70.7





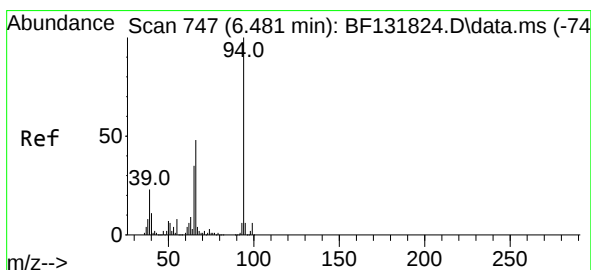
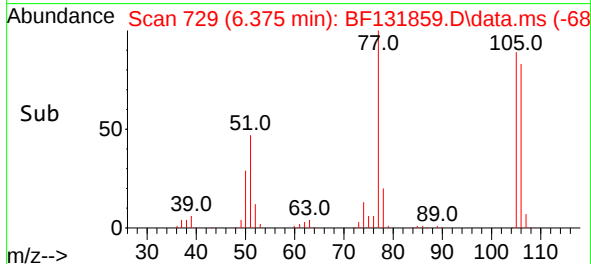
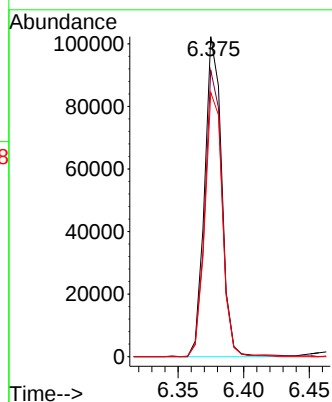
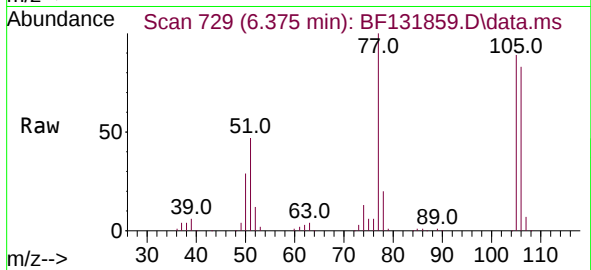
#9
Benzaldehyde
Concen: 19.233 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Tgt Ion: 77 Resp: 91984
Ion Ratio Lower Upper
77 100
105 89.5 72.9 112.9
106 82.5 68.5 108.5

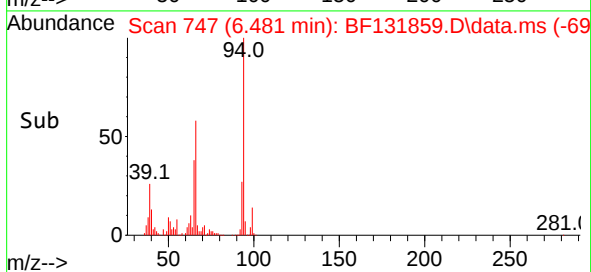
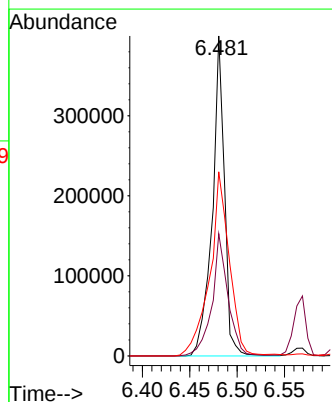
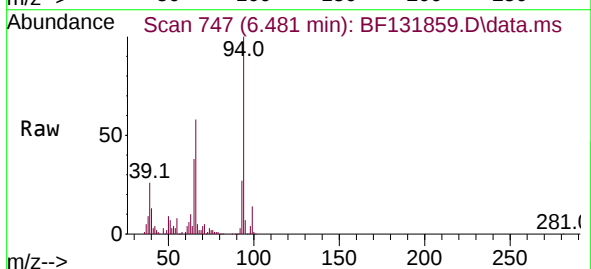
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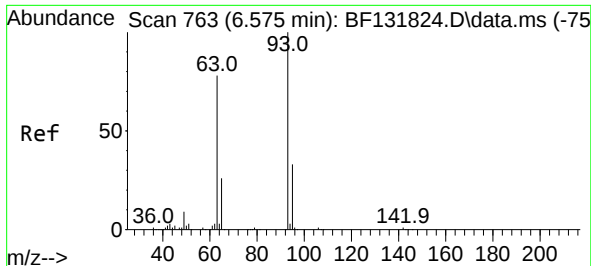
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#10
Phenol
Concen: 40.507 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion: 94 Resp: 359549
Ion Ratio Lower Upper
94 100
65 38.2 14.6 54.6
66 57.5 28.2 68.2





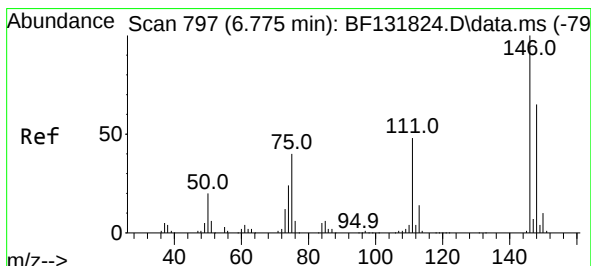
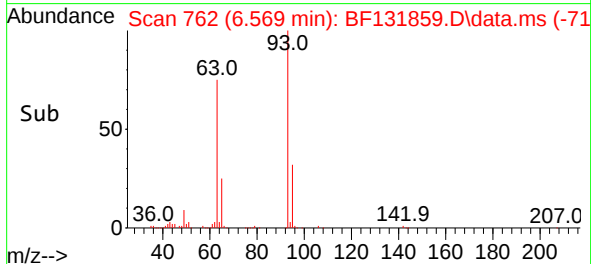
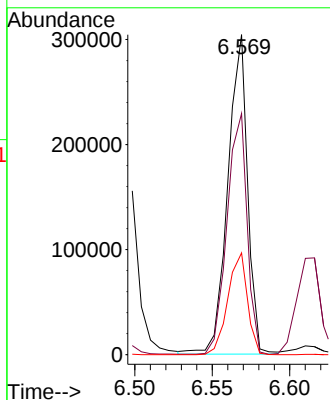
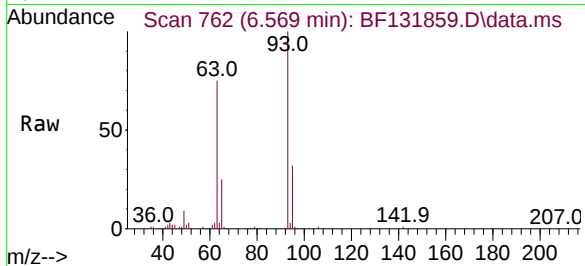
#11
bis(2-Chloroethyl)ether
Concen: 42.510 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Tgt Ion: 93 Resp: 269830
Ion Ratio Lower Upper
93 100
63 75.3 57.6 97.6
95 31.8 12.7 52.7

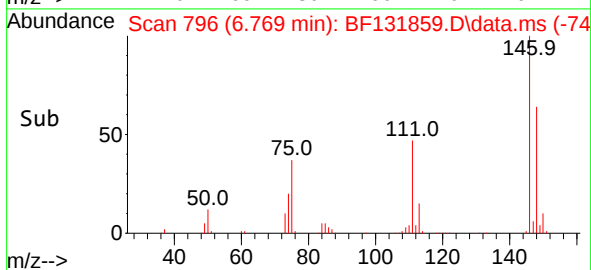
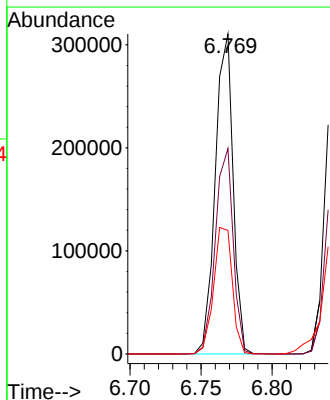
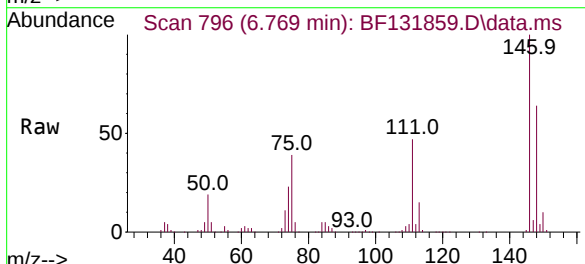
Manual Integrations
APPROVED

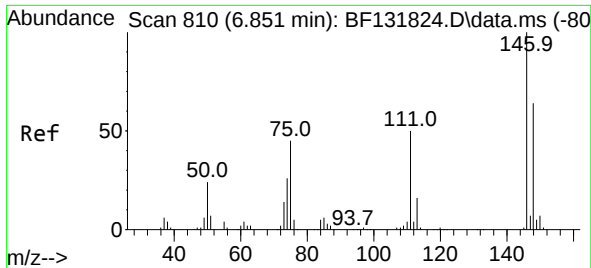
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#12
1,3-Dichlorobenzene
Concen: 39.770 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

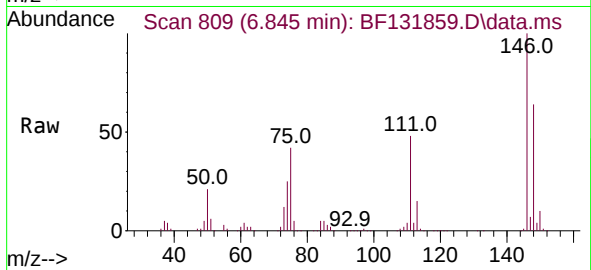
Tgt Ion:146 Resp: 271651
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
75 38.6 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 39.993 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

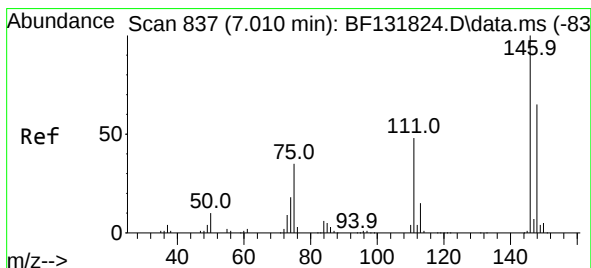
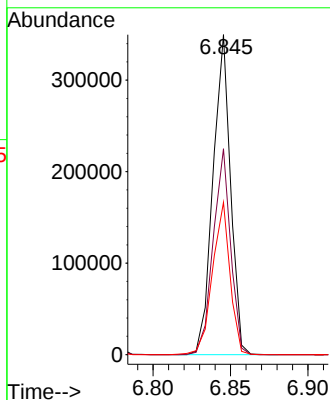
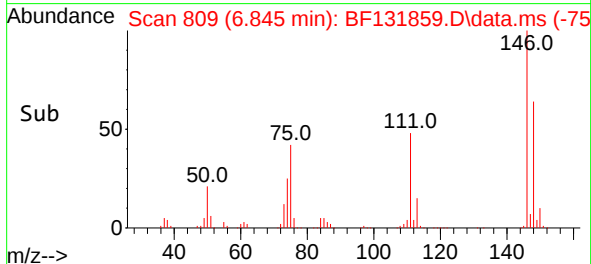
Instrument :
BNA_F
ClientSampleId :
PB149939BS



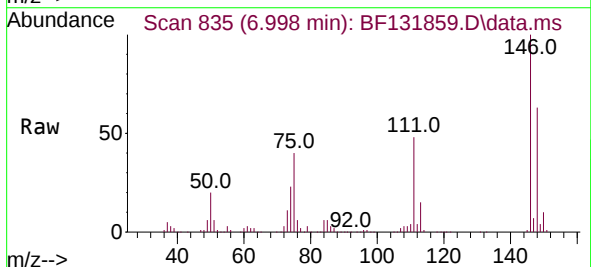
Tgt Ion:146 Resp: 275300
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 47.6 40.1 60.1

Manual Integrations
APPROVED

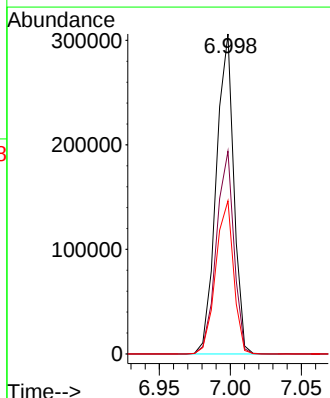
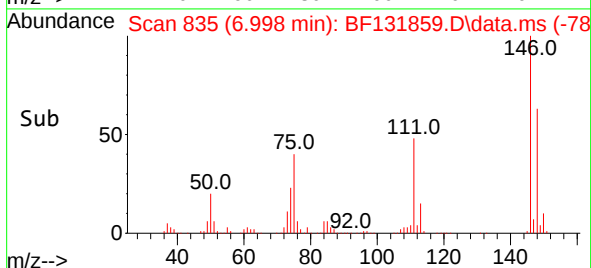
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

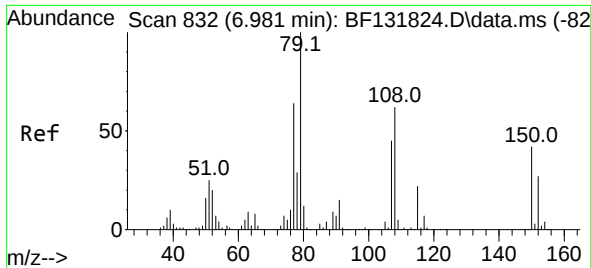


#14
1,2-Dichlorobenzene
Concen: 40.817 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



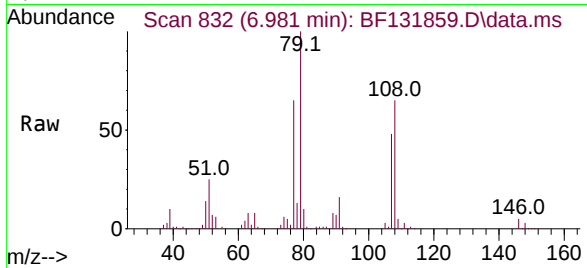
Tgt Ion:146 Resp: 264018
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 47.8 38.2 57.4





#15
Benzyl Alcohol
Concen: 42.057 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

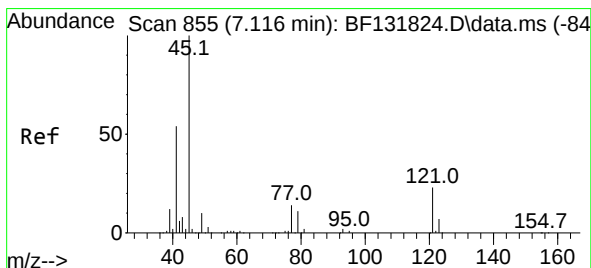
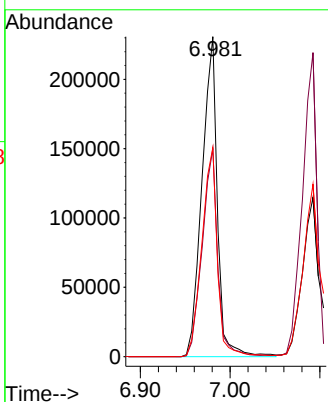
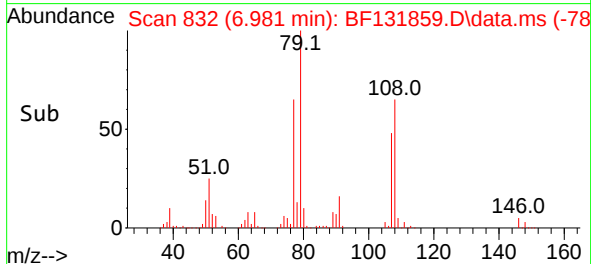
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion: 79 Resp: 274900
Ion Ratio Lower Upper
79 100
108 65.0 49.8 74.8
77 65.3 51.4 77.0

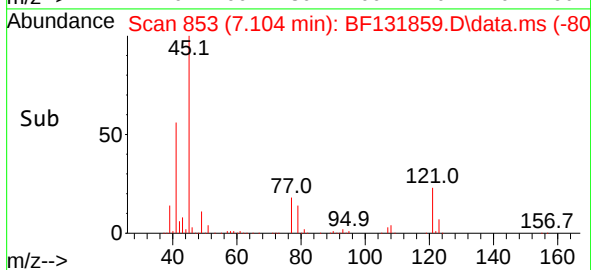
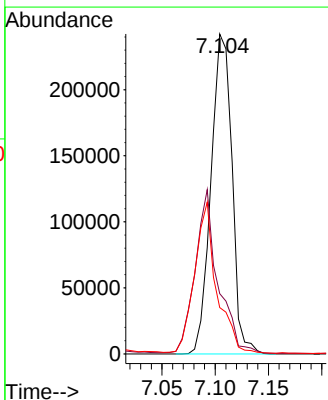
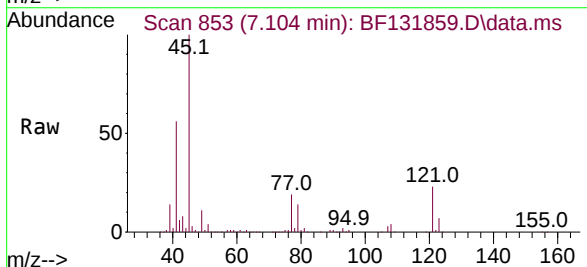
Manual Integrations
APPROVED

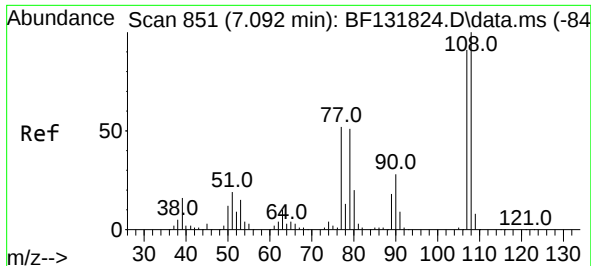
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.055 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion: 45 Resp: 332557
Ion Ratio Lower Upper
45 100
77 18.8 0.0 36.1
79 14.5 0.0 33.3





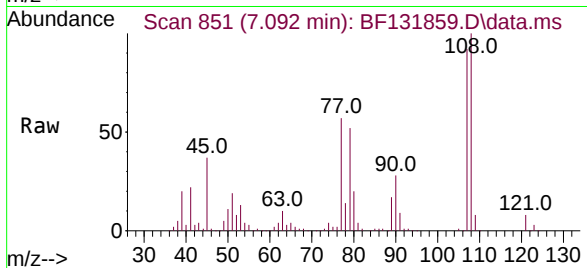
#17
2-Methylphenol
Concen: 41.401 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

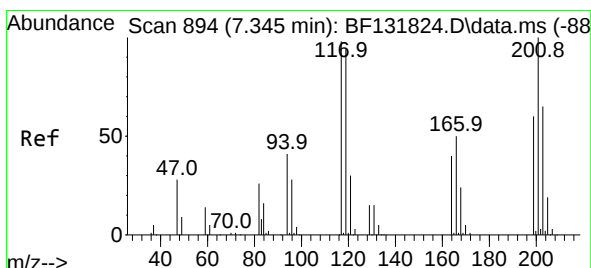
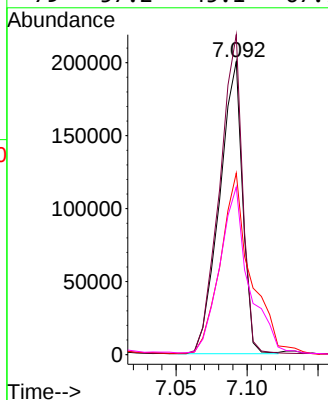
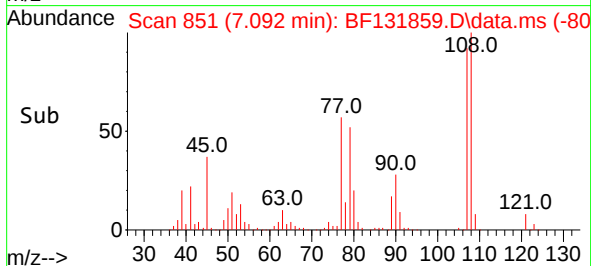


Tgt Ion:107 Resp: 226226
Ion Ratio Lower Upper
107 100
108 109.2 87.6 131.4
77 62.0 45.8 68.8
79 57.2 45.1 67.7

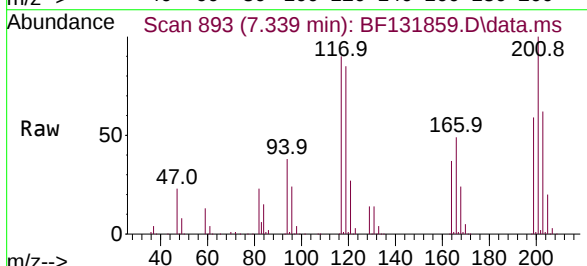
Manual Integrations

APPROVED

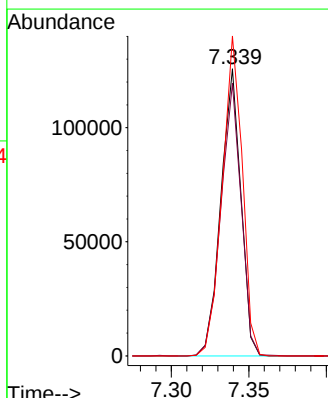
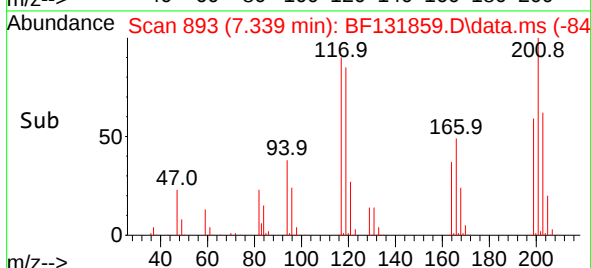
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

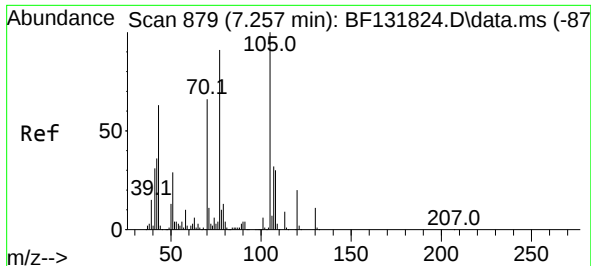


#18
Hexachloroethane
Concen: 40.517 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:117 Resp: 112624
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
201 111.5 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.187 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

Tgt Ion: 70 Resp: 216816

Ion Ratio Lower Upper

70 100

42 53.6 43.8 65.6

101 9.3 7.4 11.0

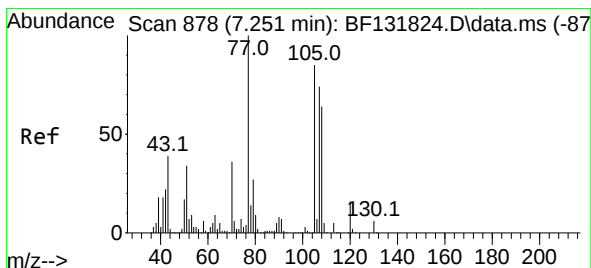
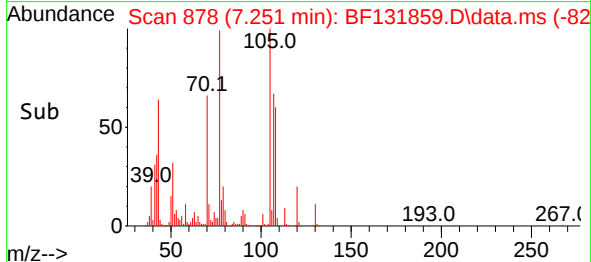
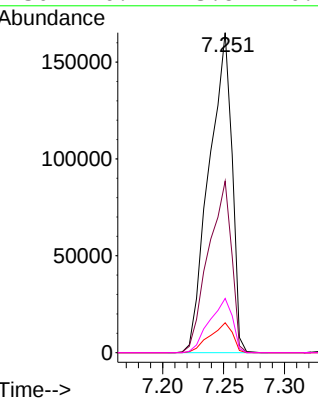
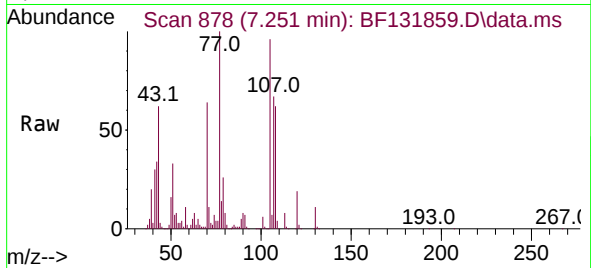
130 16.9 13.8 20.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#20

3+4-Methylphenols

Concen: 40.676 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:107 Resp: 290006

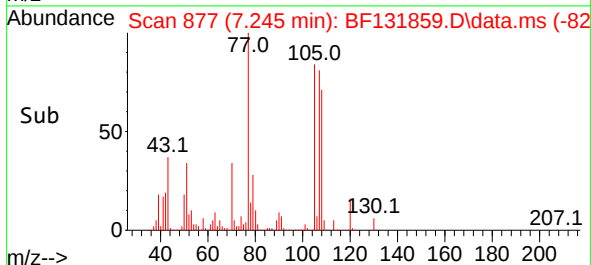
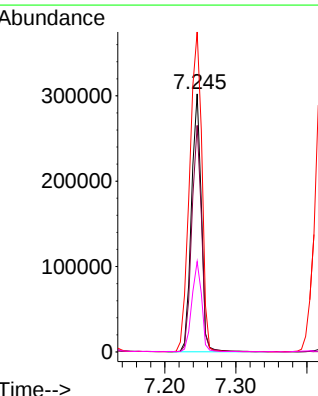
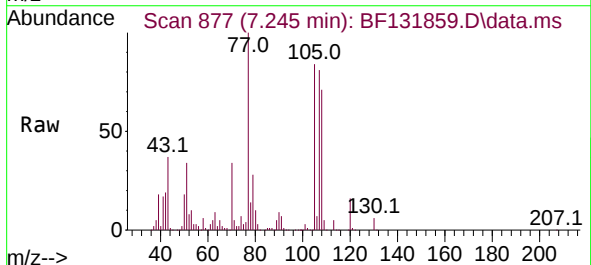
Ion Ratio Lower Upper

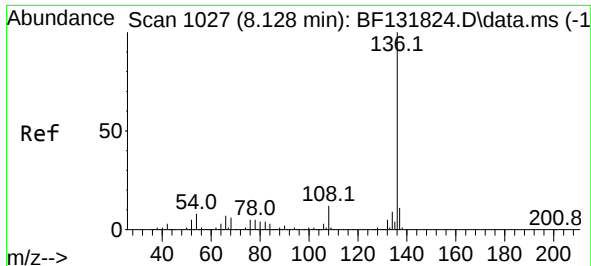
107 100

108 87.7 67.1 107.1

77 124.0 114.9 154.9

79 35.0 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

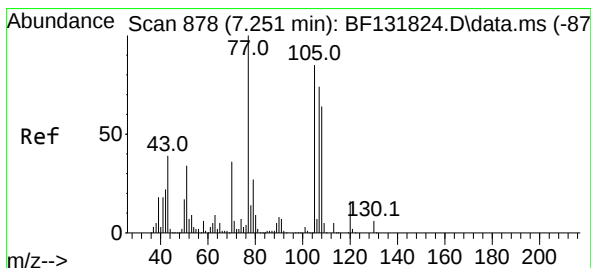
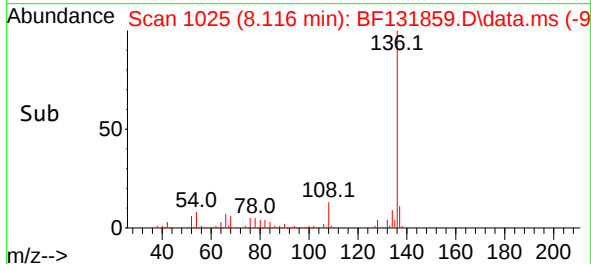
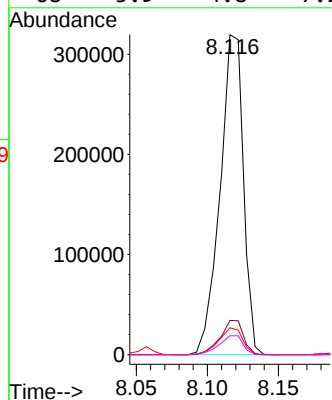
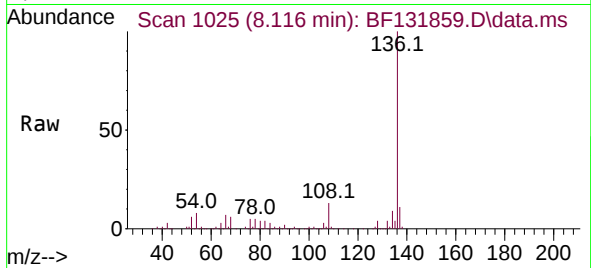
ClientSampleId :

PB149939BS

Tgt Ion:136 Resp: 365992
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.4 6.7 10.1
68 5.9 4.8 7.2

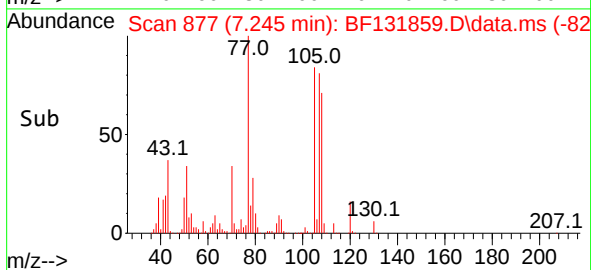
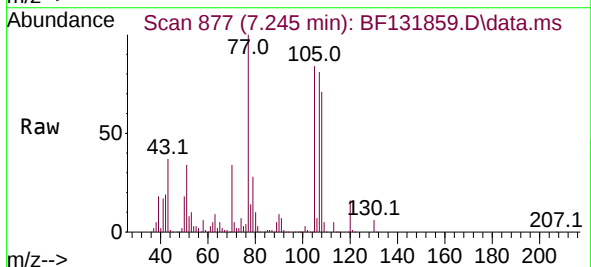
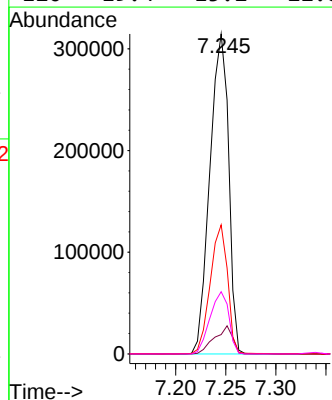
Manual Integrations
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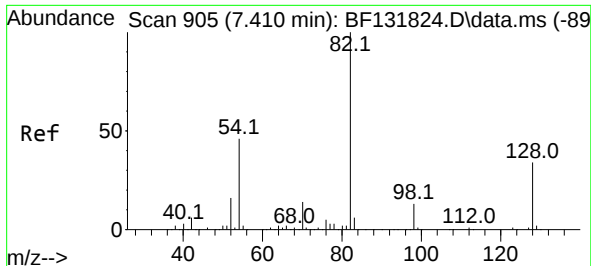
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#22
Acetophenone
Concen: 38.103 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:105 Resp: 408839
Ion Ratio Lower Upper
105 100
71 6.0 5.4 8.0
51 40.4 31.9 47.9
120 19.4 15.2 22.8





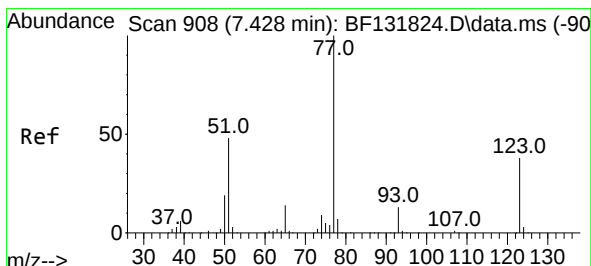
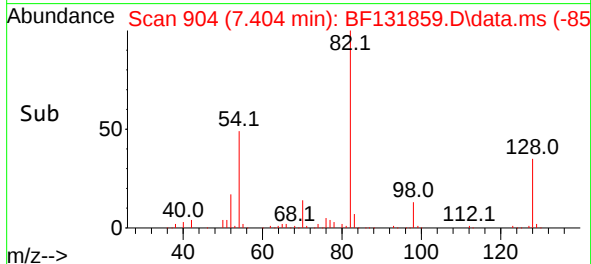
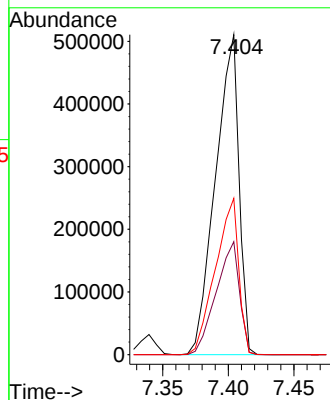
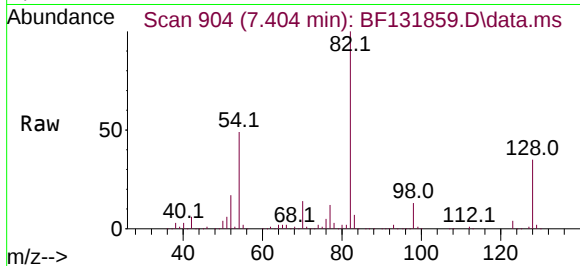
#23
Nitrobenzene-d5
Concen: 69.464 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
Client Sample Id :
PB149939BS

Tgt Ion: 82 Resp: 636763
Ion Ratio Lower Upper
82 100
128 35.3 27.1 40.7
54 48.9 37.0 55.6

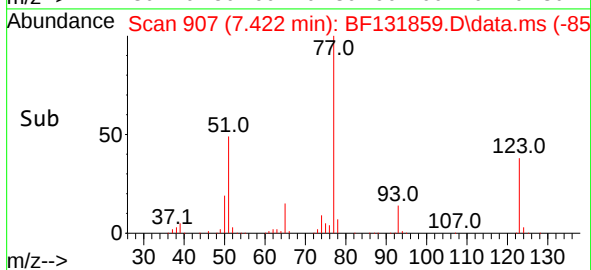
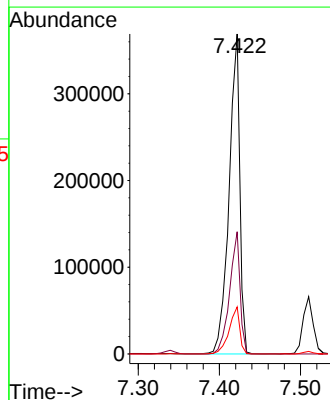
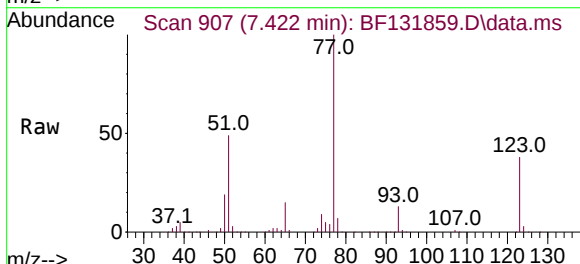
Manual Integrations
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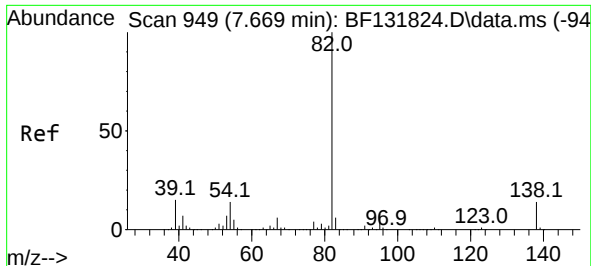
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#24
Nitrobenzene
Concen: 36.823 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion: 77 Resp: 338284
Ion Ratio Lower Upper
77 100
123 38.2 30.4 45.6
65 14.7 11.1 16.7





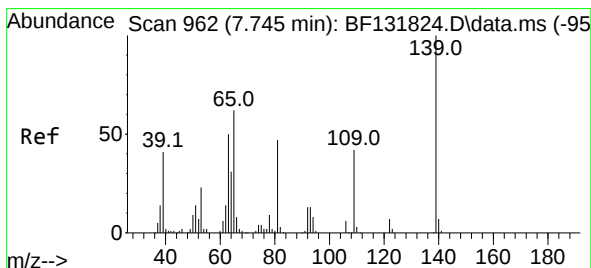
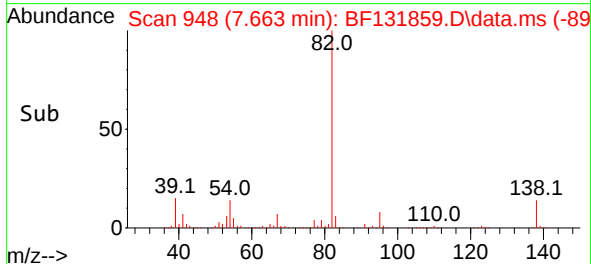
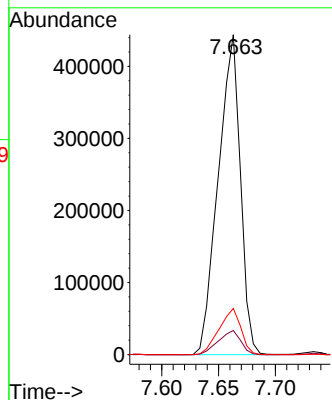
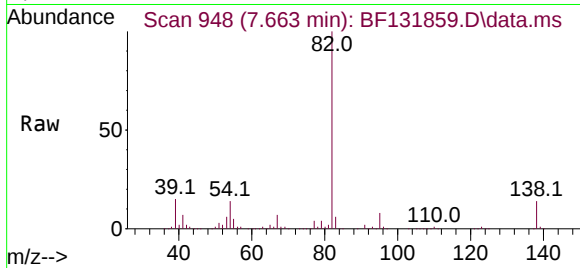
#25
Isophorone
Concen: 40.055 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Tgt Ion: 82 Resp: 599628
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 14.4 11.5 17.3

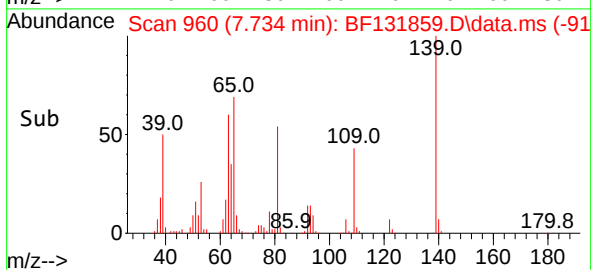
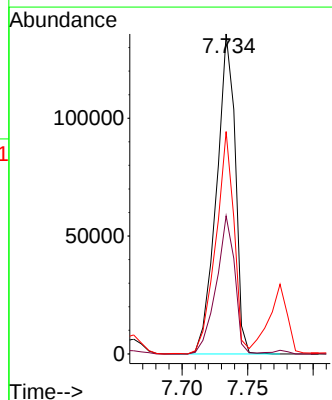
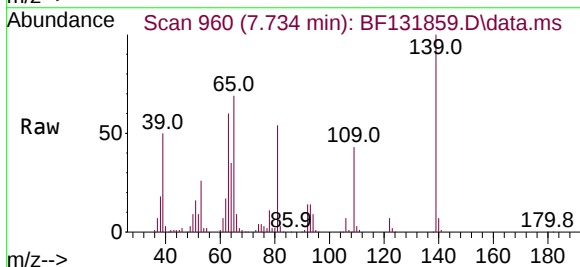
Manual Integrations
APPROVED

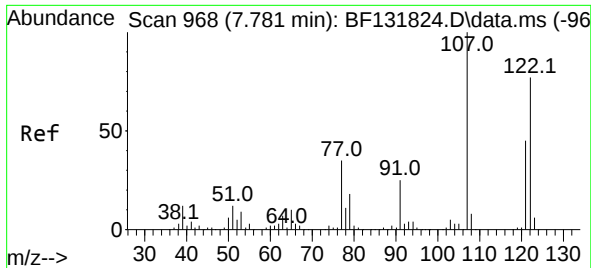
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#26
2-Nitrophenol
Concen: 37.901 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:139 Resp: 135378
Ion Ratio Lower Upper
139 100
109 43.1 33.7 50.5
65 69.5 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 44.165 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

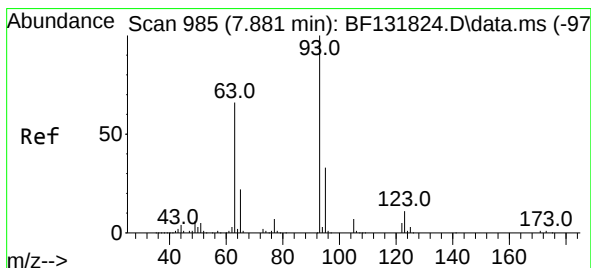
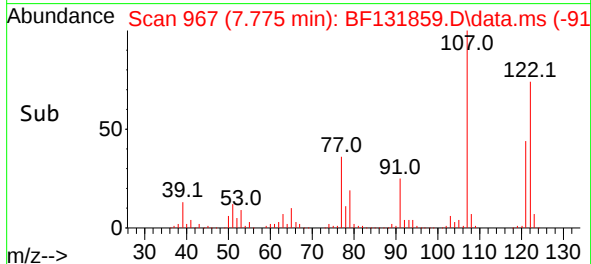
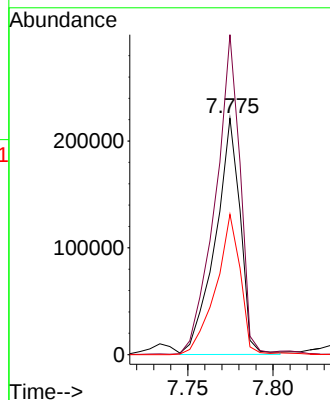
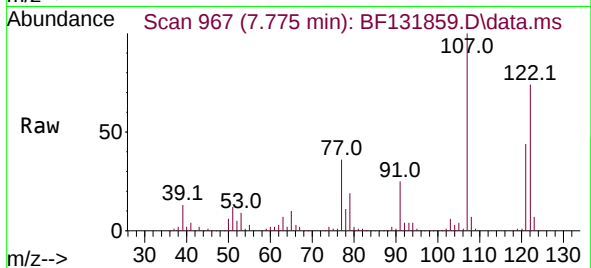
PB149939BS

Tgt Ion:122 Resp: 225021
Ion Ratio Lower Upper
122 100
107 135.4 104.4 156.6
121 59.3 46.8 70.2

Manual Integrations

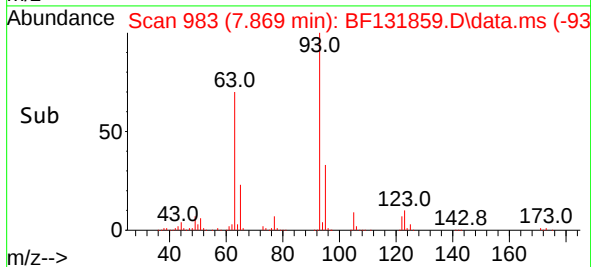
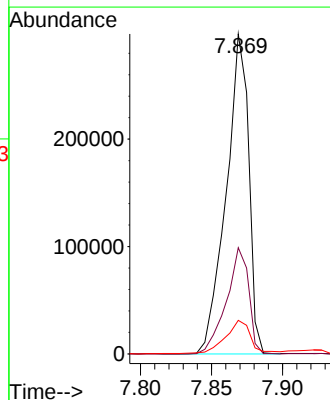
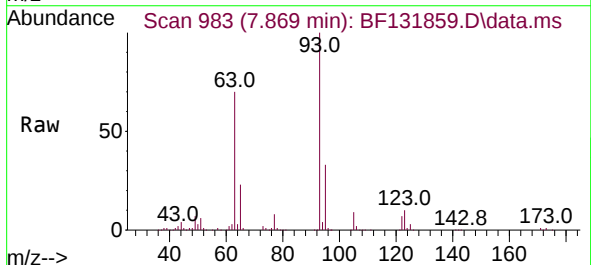
APPROVED

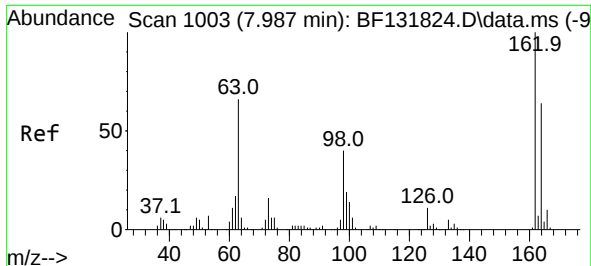
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.947 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion: 93 Resp: 328854
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.5 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 38.041 ng

RT: 7.981 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF131859.D

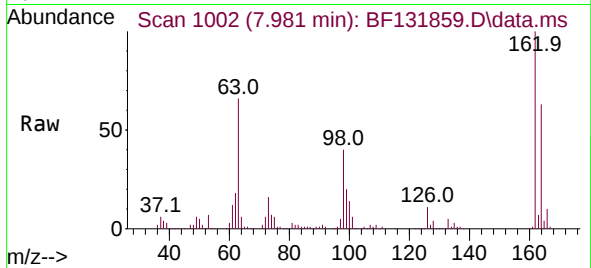
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

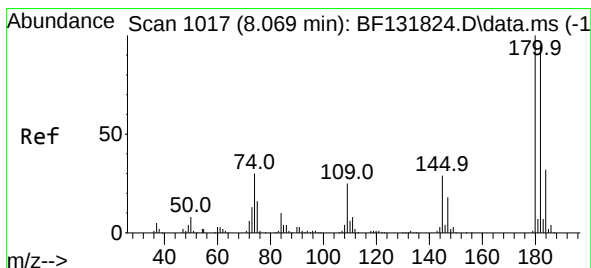
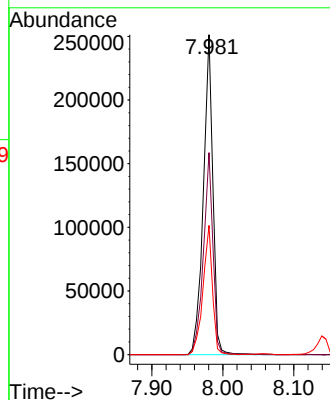


Tgt Ion:162	Resp:	233512
Ion Ratio	Lower	Upper
162	100	
164	63.1	44.1 84.1
98	40.4	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 36.463 ng

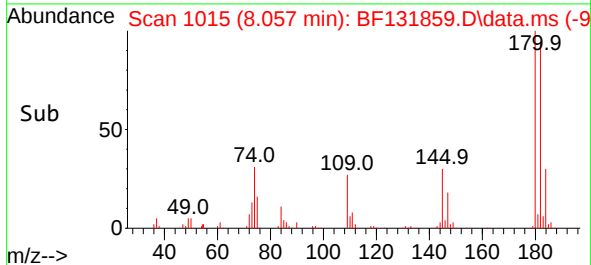
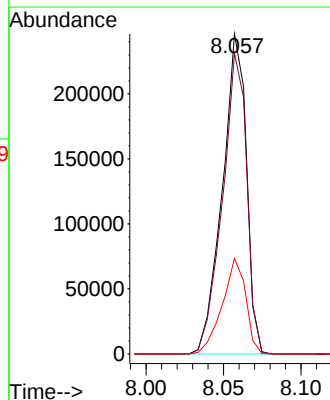
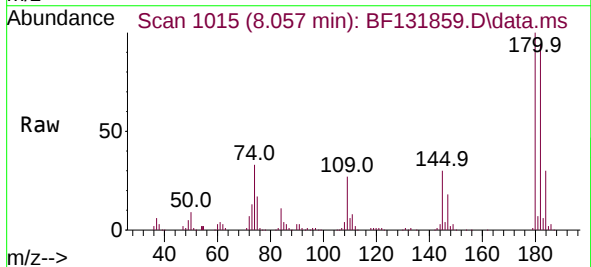
RT: 8.057 min Scan# 1015

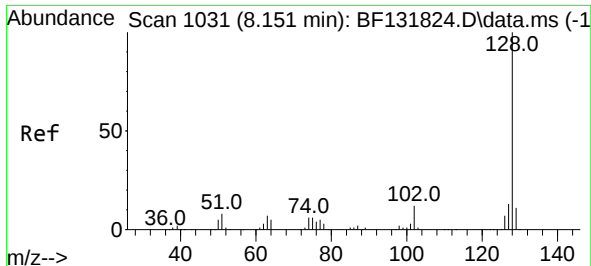
Delta R.T. -0.012 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:180	Resp:	265372
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.2 114.4
145	29.8	23.3 34.9





#31
Naphthalene
Concen: 35.667 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

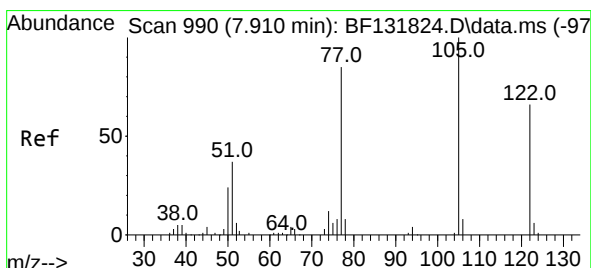
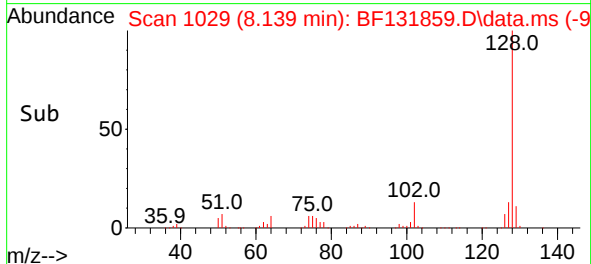
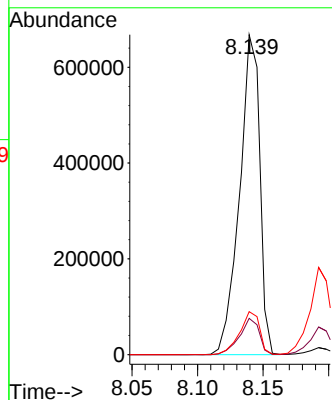
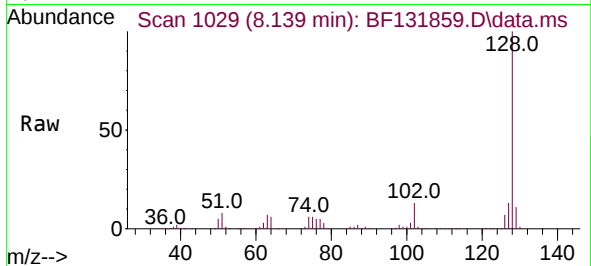
PB149939BS

Tgt Ion:128 Resp: 714899
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.6 15.8

Manual Integrations

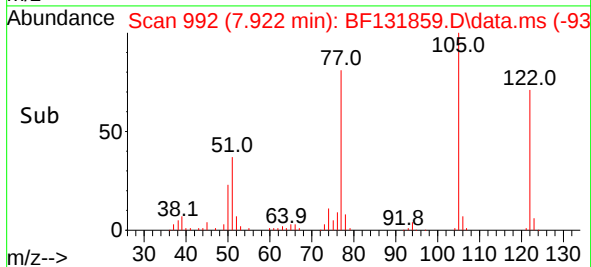
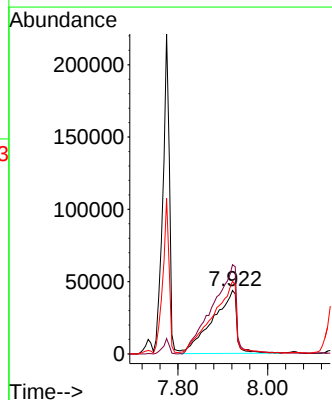
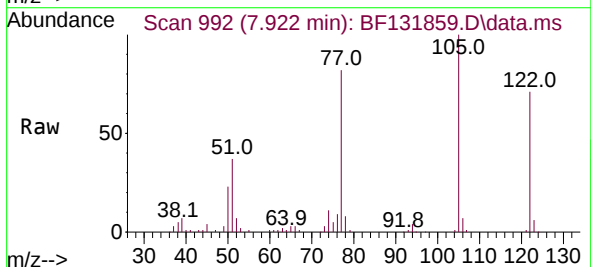
APPROVED

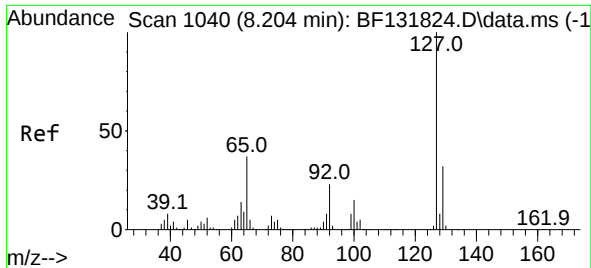
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#32
Benzoic acid
Concen: 43.836 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:122 Resp: 163246
Ion Ratio Lower Upper
122 100
105 140.6 127.9 167.9
77 114.8 106.9 146.9





#33
4-Chloroaniline
Concen: 27.147 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

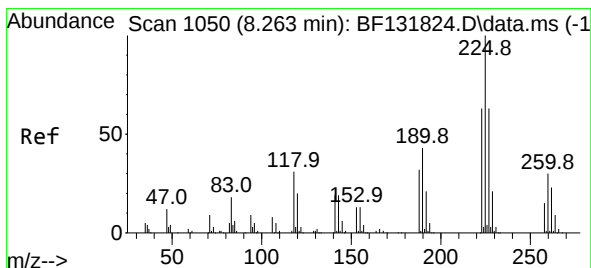
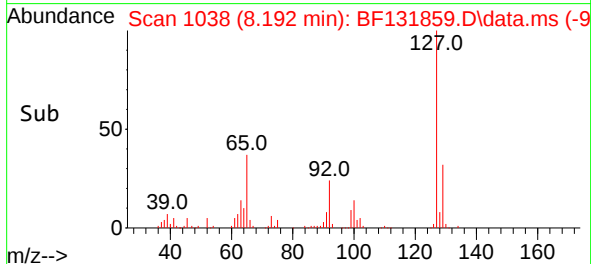
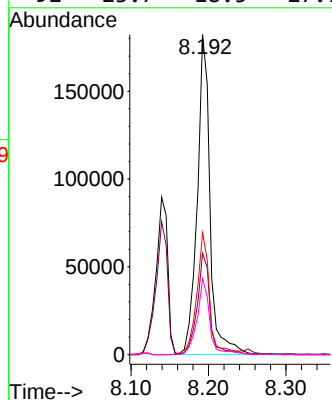
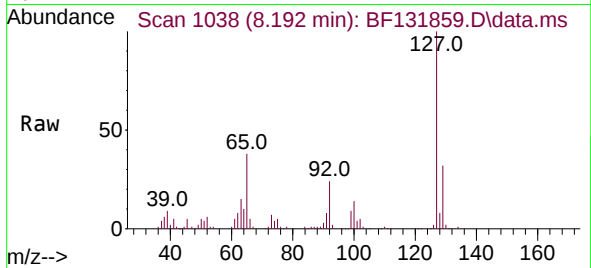
PB149939BS

Tgt Ion:127 Resp: 208783
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 38.1 29.7 44.5
92 23.7 18.5 27.7

Manual Integrations

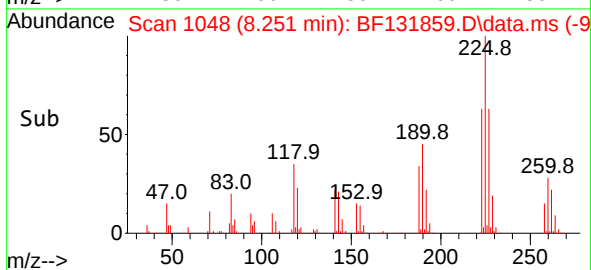
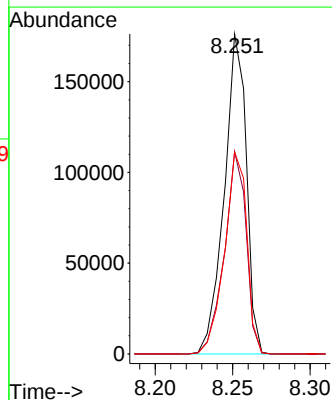
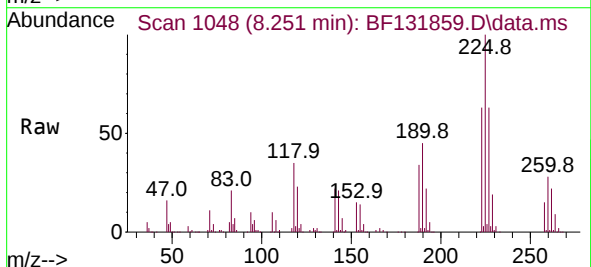
APPROVED

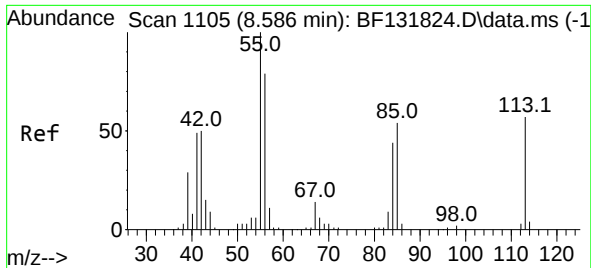
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#34
Hexachlorobutadiene
Concen: 35.254 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

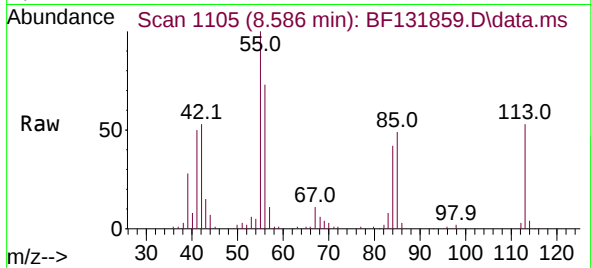
Tgt Ion:225 Resp: 175538
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 63.1 50.8 76.2





#35
Caprolactam
Concen: 37.417 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

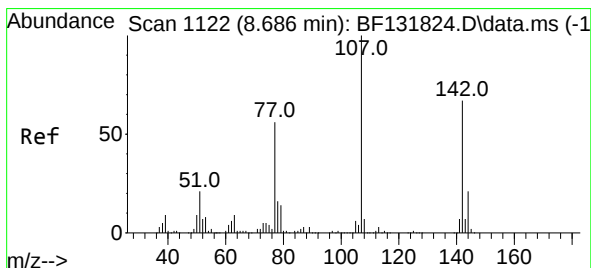
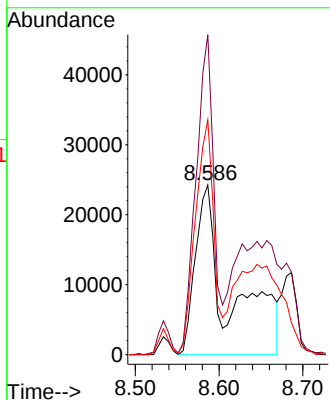
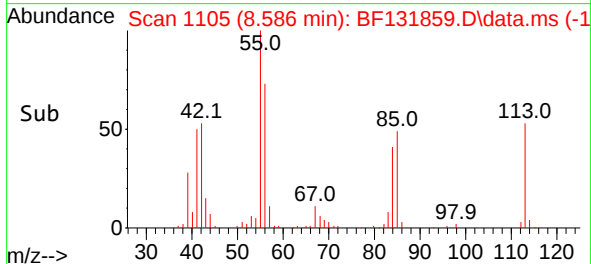
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion:113 Resp: 68003
Ion Ratio Lower Upper
113 100
55 188.5 153.3 193.3
56 138.3 116.3 156.3

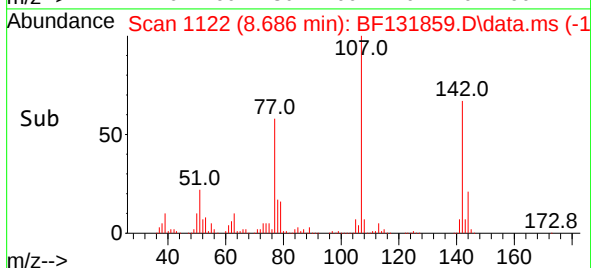
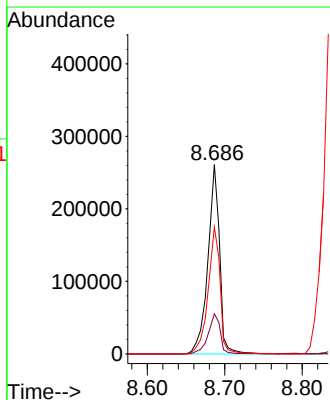
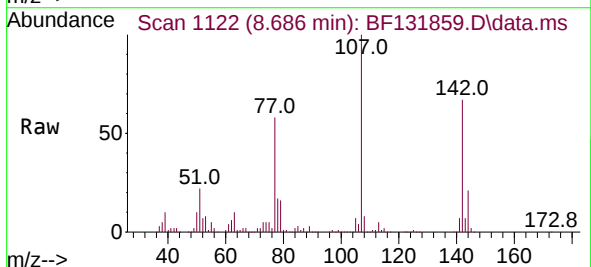
Manual Integrations
APPROVED

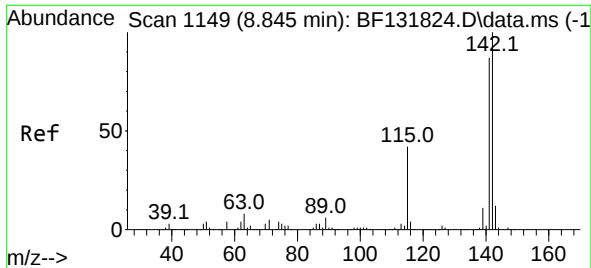
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#36
4-Chloro-3-methylphenol
Concen: 39.493 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:107 Resp: 273988
Ion Ratio Lower Upper
107 100
144 21.2 16.8 25.2
142 67.0 53.8 80.8





#37

2-Methylnaphthalene

Concen: 37.090 ng

RT: 8.839 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

Tgt Ion:142 Resp: 498939

Ion Ratio Lower Upper

142 100

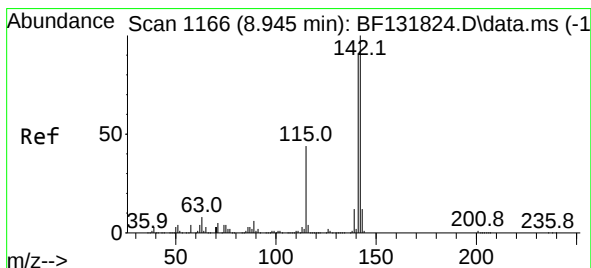
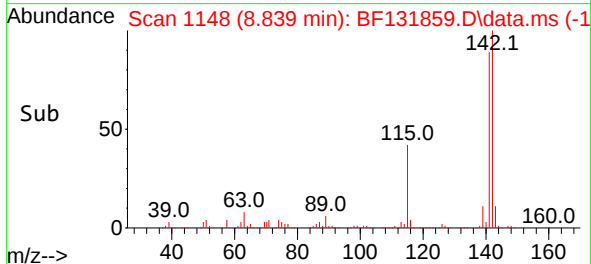
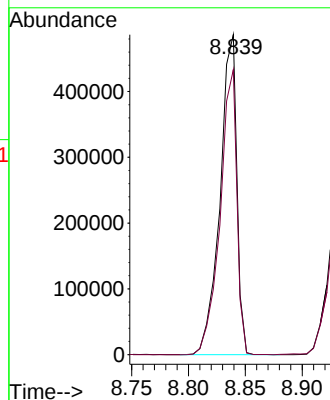
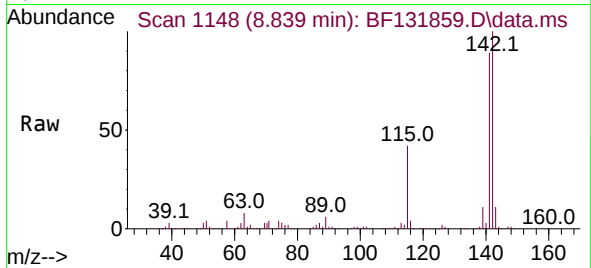
141 89.0 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#38

1-Methylnaphthalene

Concen: 35.841 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF131859.D

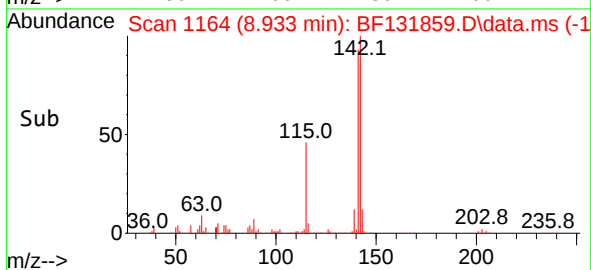
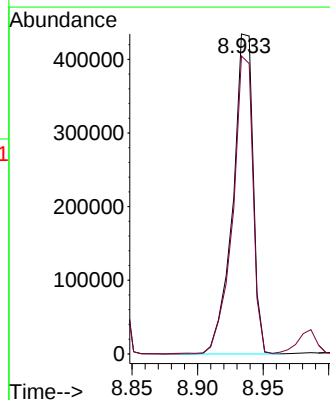
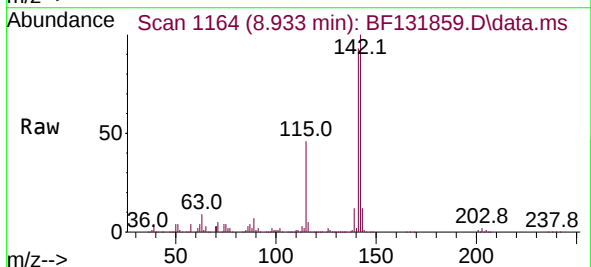
Acq: 28 Dec 2022 14:13

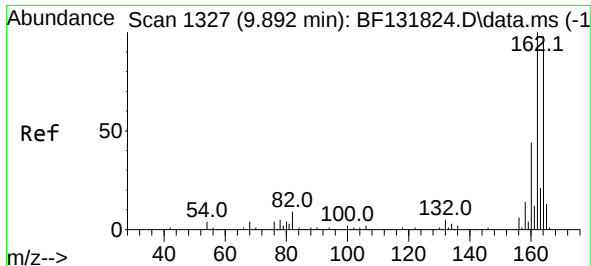
Tgt Ion:142 Resp: 468327

Ion Ratio Lower Upper

142 100

141 93.1 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131859.D

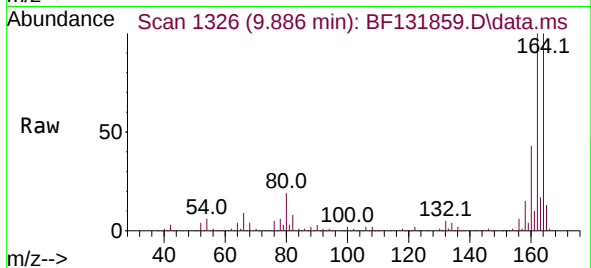
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS



Tgt Ion:164 Resp: 22047

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

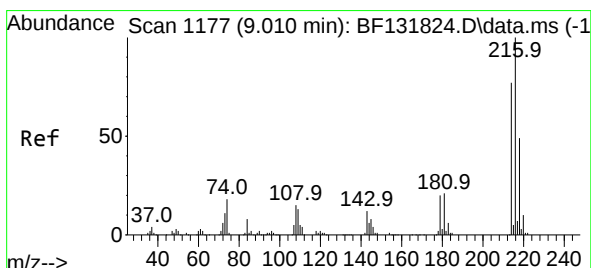
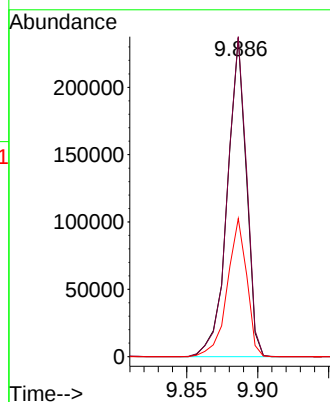
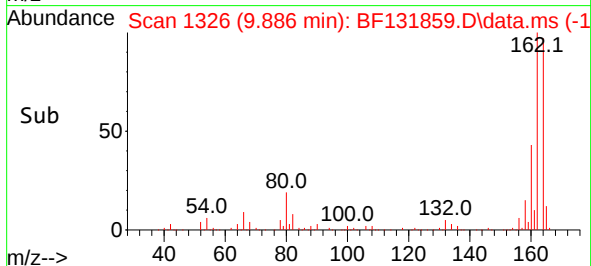
160 43.3 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.068 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:216 Resp: 286952

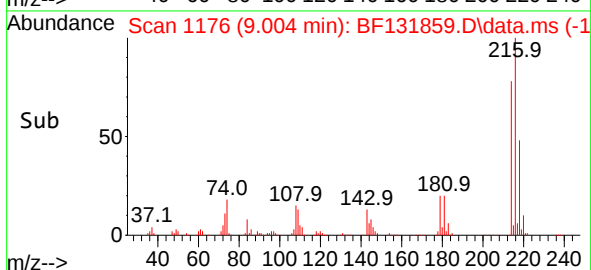
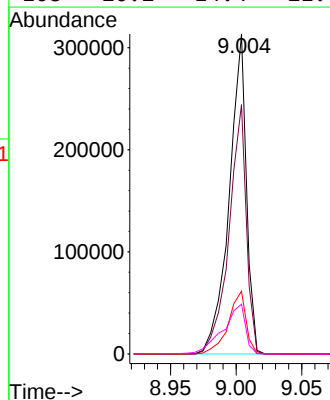
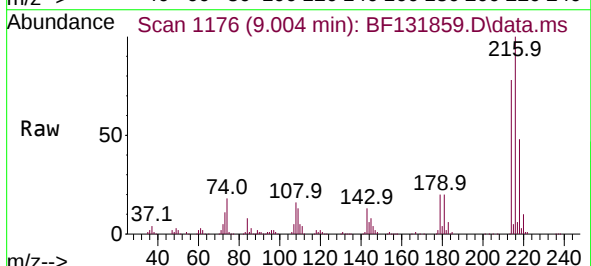
Ion Ratio Lower Upper

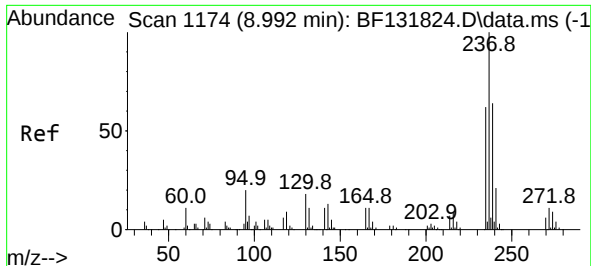
216 100

214 78.1 63.0 94.4

179 20.1 16.4 24.6

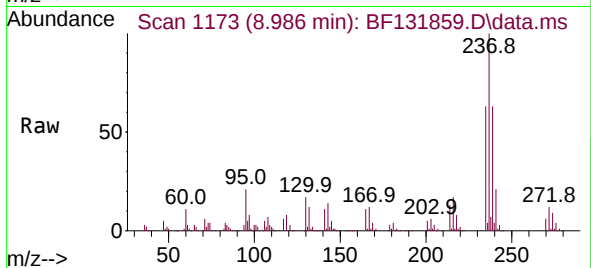
108 20.2 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 81.647 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

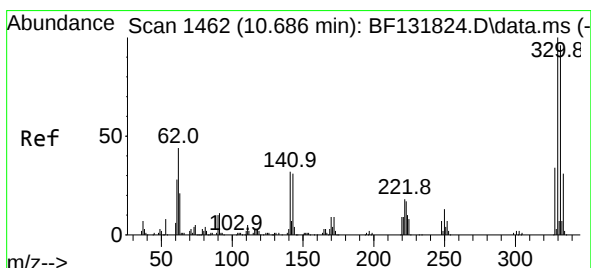
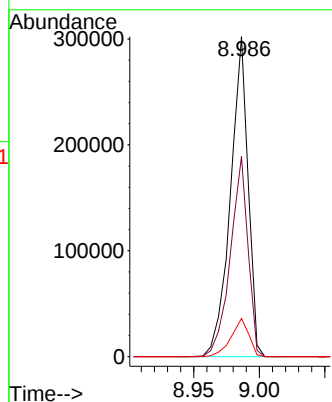
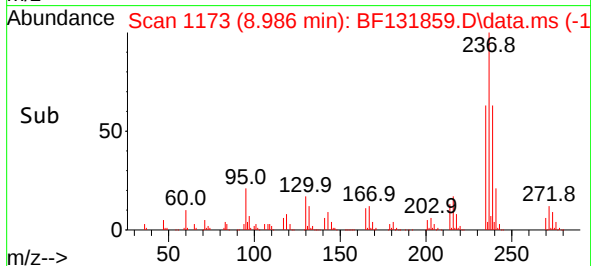
Instrument :
BNA_F
ClientSampleId :
PB149939BS



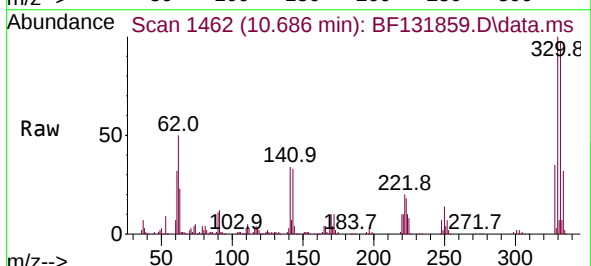
Tgt Ion:237 Resp: 283321
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 11.9 0.0 31.4

Manual Integrations
APPROVED

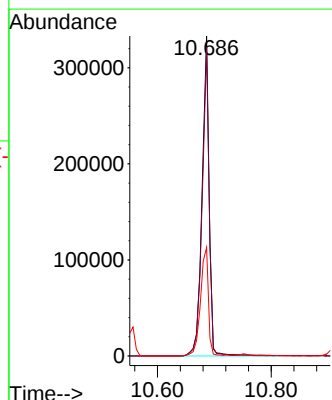
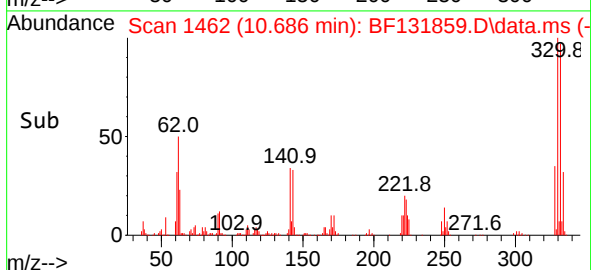
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

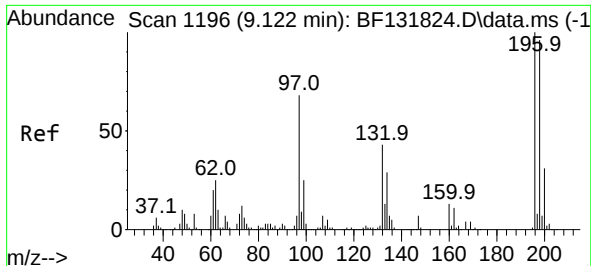


#42
2,4,6-Tribromophenol
Concen: 120.176 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:330 Resp: 287872
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 37.9 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 37.170 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

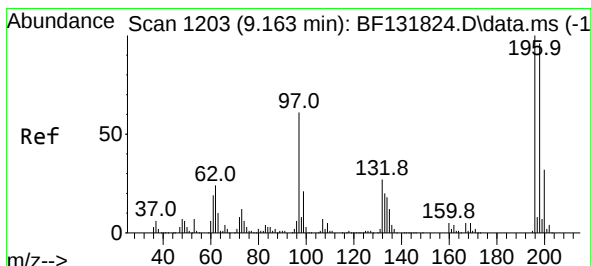
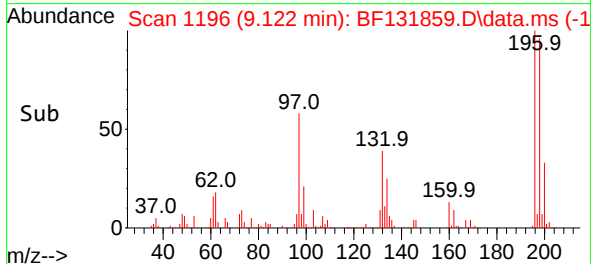
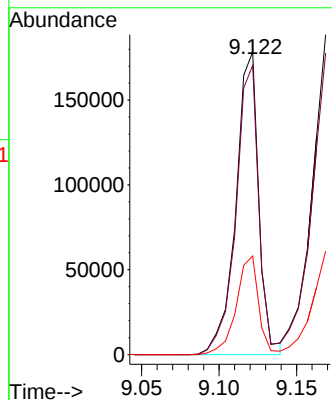
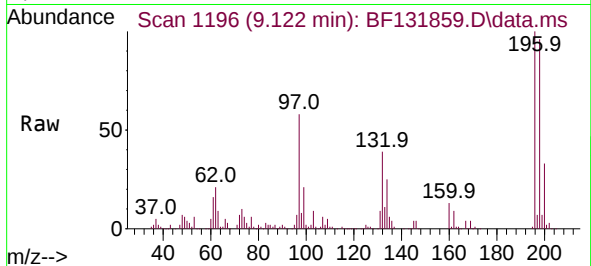
PB149939BS

Tgt Ion:196 Resp: 184289
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 32.6 24.5 36.7

Manual Integrations

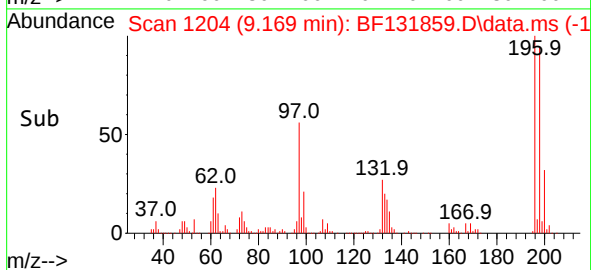
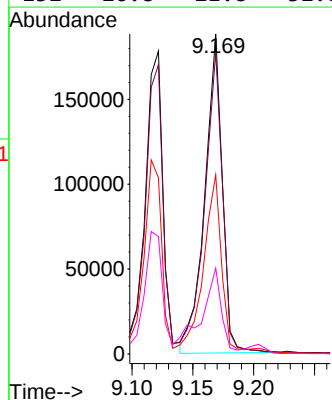
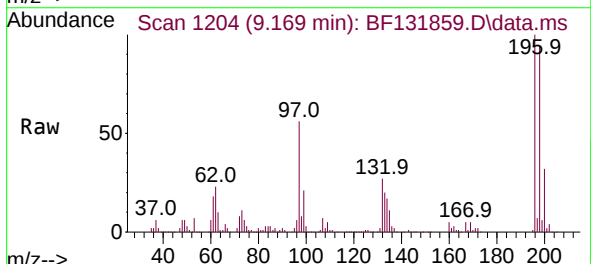
APPROVED

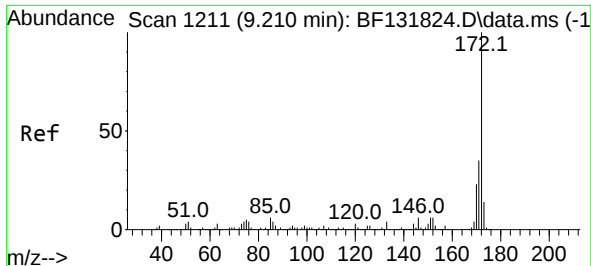
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#44
2,4,5-Trichlorophenol
Concen: 35.490 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:196 Resp: 190210
Ion Ratio Lower Upper
196 100
198 94.3 76.6 115.0
97 55.9 49.3 73.9
132 26.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 69.532 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

Tgt Ion:172 Resp: 111918

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

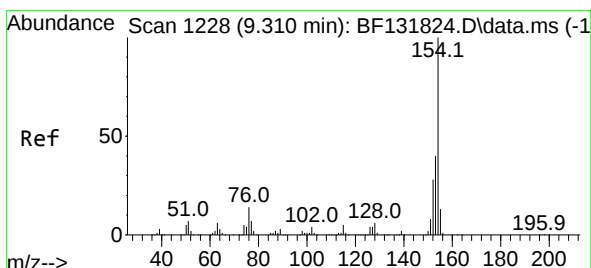
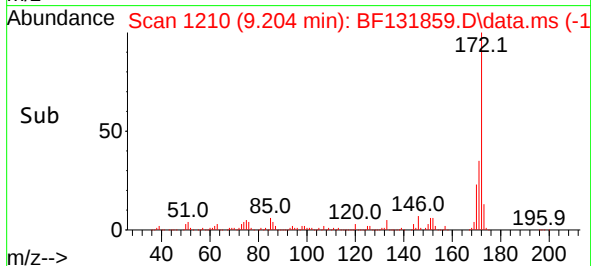
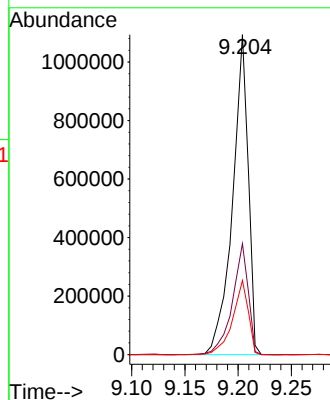
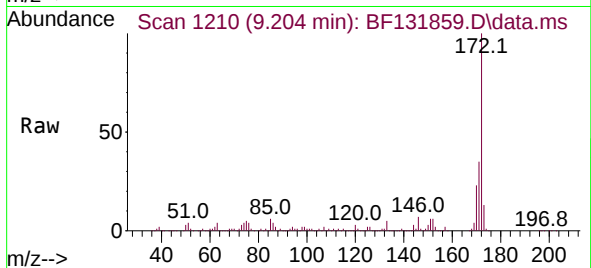
170 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022

Supervised By :Jagrut Upadhyay 01/03/2023



#46

1,1'-Biphenyl

Concen: 37.676 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

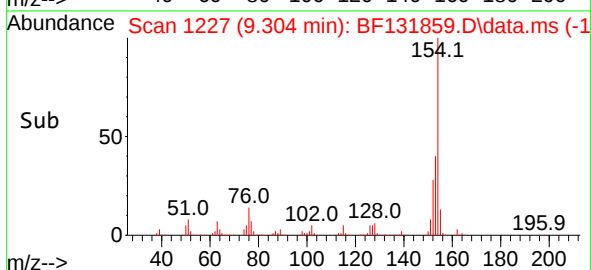
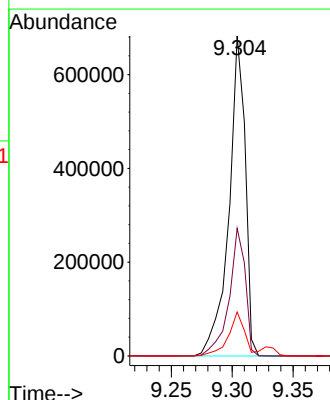
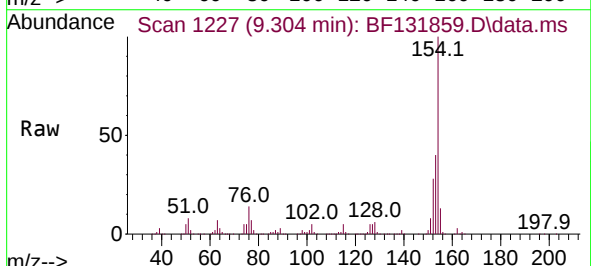
Tgt Ion:154 Resp: 635942

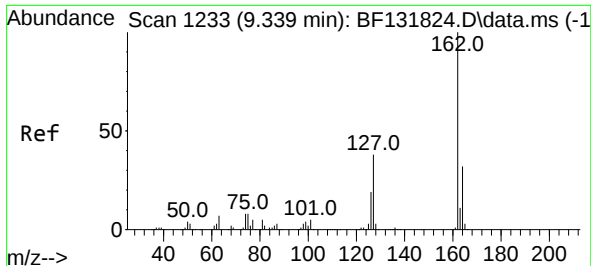
Ion Ratio Lower Upper

154 100

153 39.9 19.8 59.8

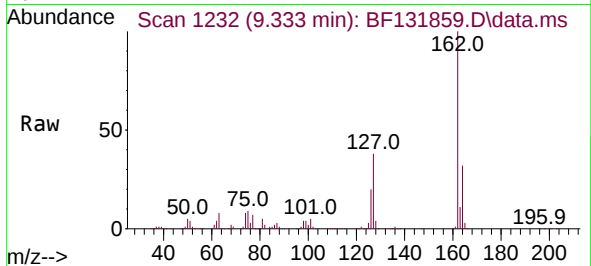
76 13.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 36.304 ng
RT: 9.333 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

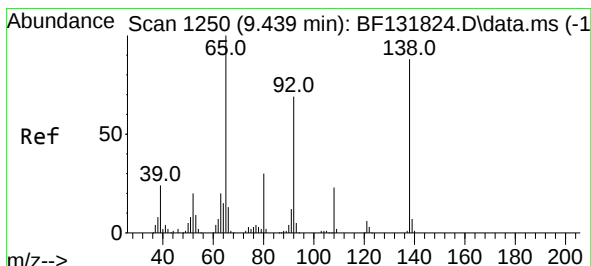
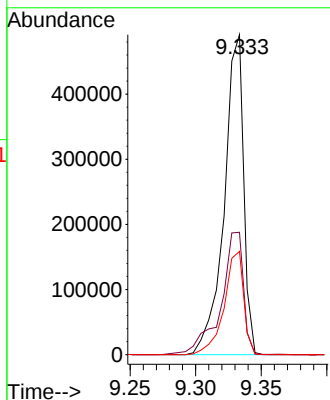
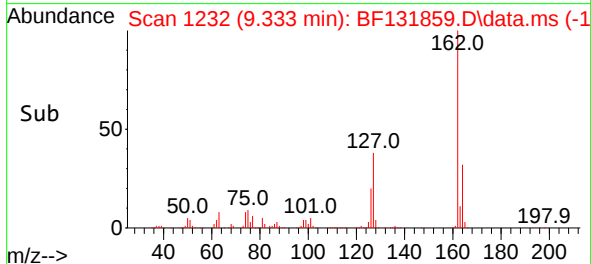
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion:162 Resp: 506960
Ion Ratio Lower Upper
162 100
127 38.2 31.0 46.6
164 32.3 25.9 38.9

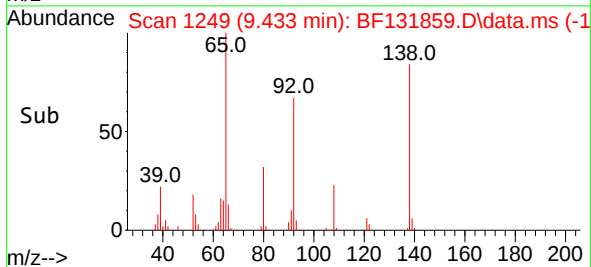
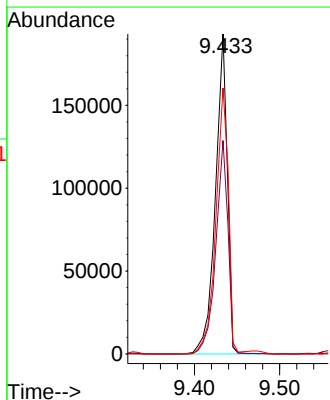
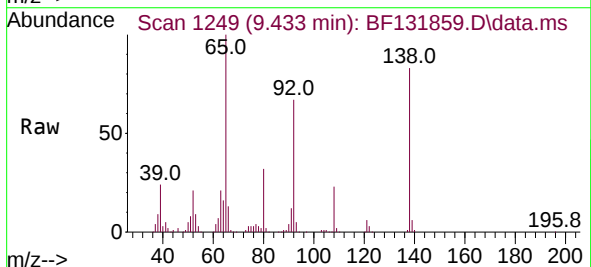
Manual Integrations
APPROVED

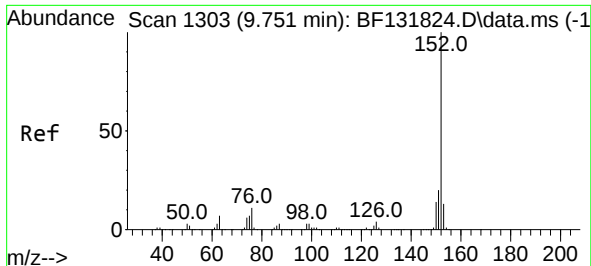
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#48
2-Nitroaniline
Concen: 36.668 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion: 65 Resp: 187685
Ion Ratio Lower Upper
65 100
92 66.7 55.0 82.6
138 83.1 70.4 105.6





#49

Acenaphthylene

Concen: 36.367 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

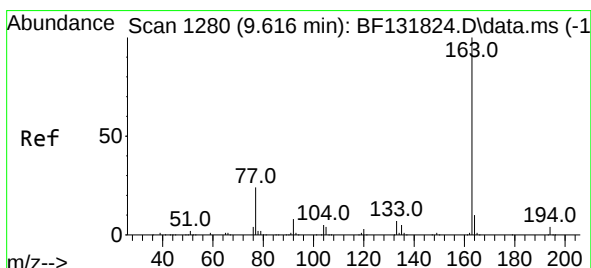
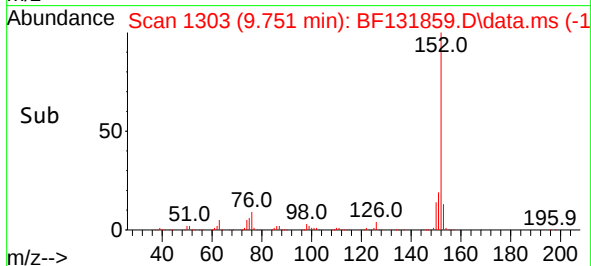
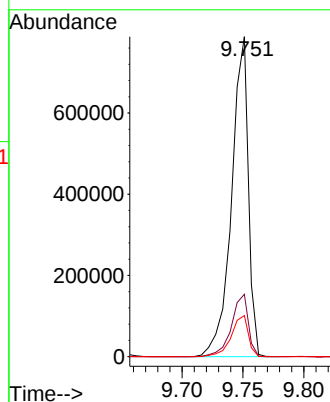
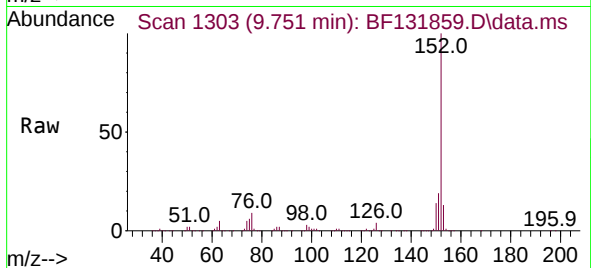
PB149939BS

Tgt Ion:152 Resp: 756195
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.8 23.6
 153 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023



#50

Dimethylphthalate

Concen: 37.125 ng

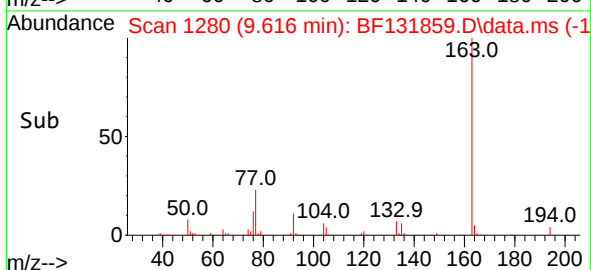
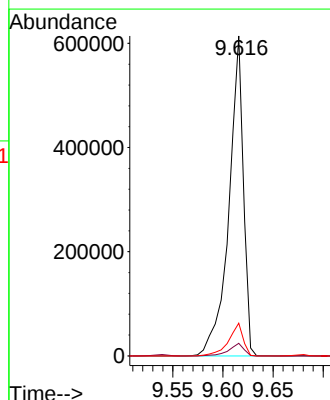
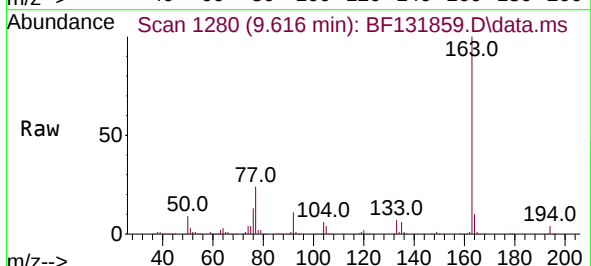
RT: 9.616 min Scan# 1280

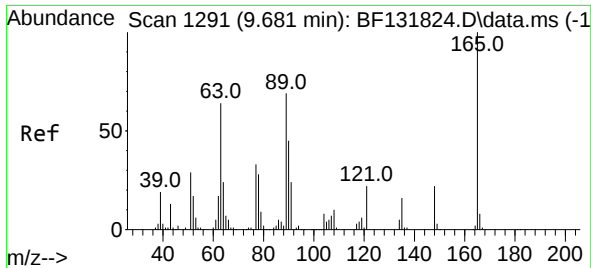
Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:163 Resp: 619217
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 37.193 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

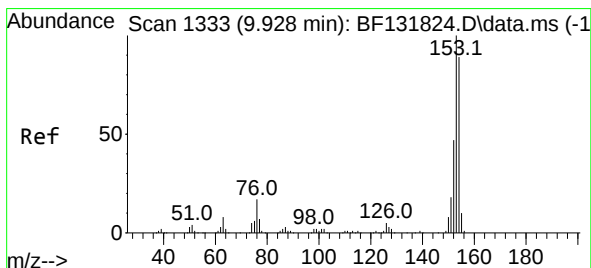
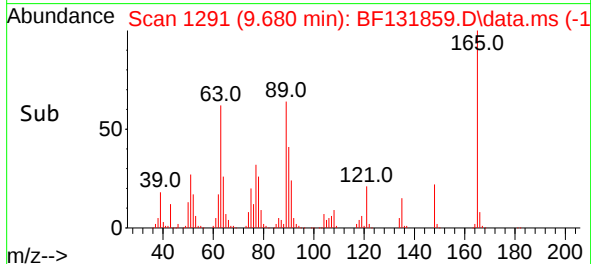
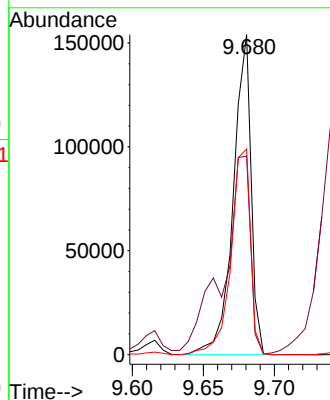
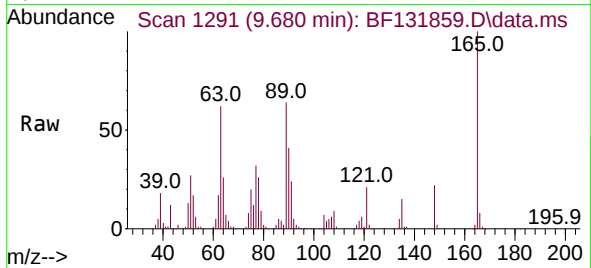
Tgt Ion:165 Resp: 134293

Ion	Ratio	Lower	Upper
165	100		
63	62.0	55.1	82.7
89	64.2	55.0	82.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#52

Acenaphthene

Concen: 36.299 ng

RT: 9.922 min Scan# 1332

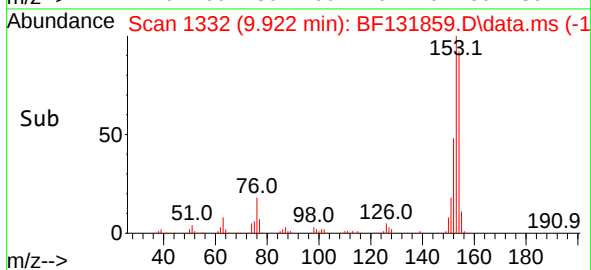
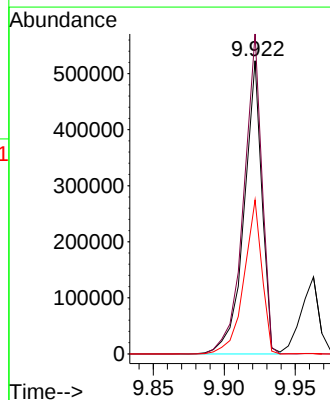
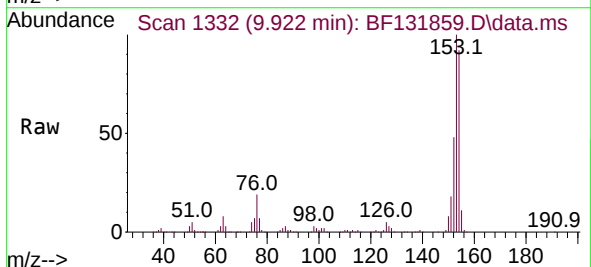
Delta R.T. -0.006 min

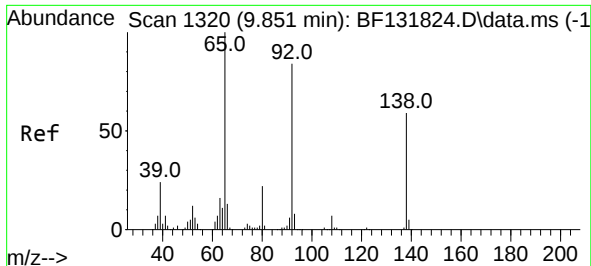
Lab File: BF131859.D

Acq: 28 Dec 2022 14:13

Tgt Ion:154 Resp: 455530

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.2	135.2
152	52.5	42.5	63.7





#53
3-Nitroaniline
Concen: 27.791 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

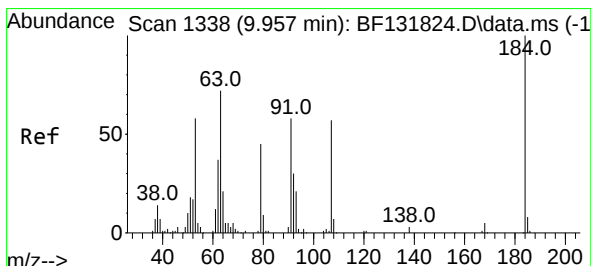
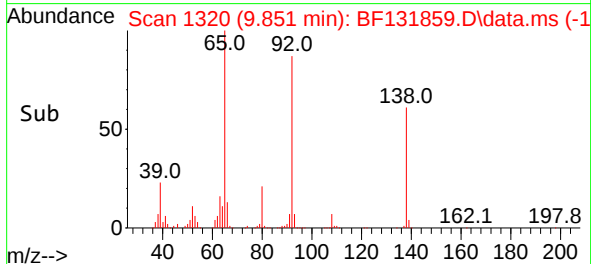
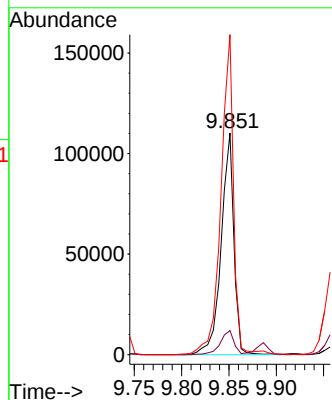
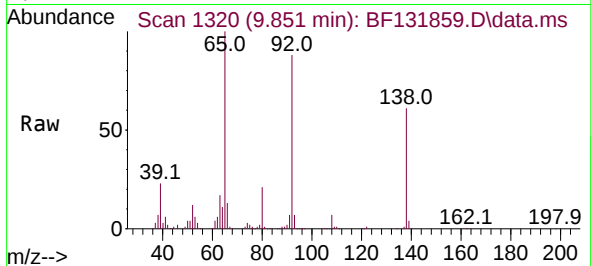
PB149939BS

Tgt Ion:138 Resp: 102243
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 144.5 113.9 170.9

Manual Integrations

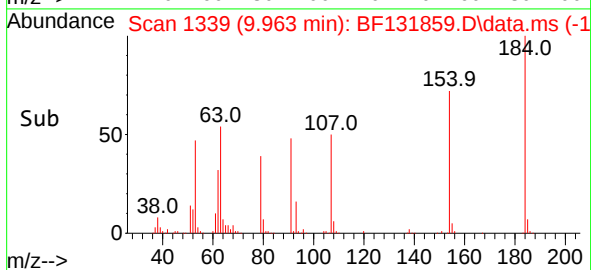
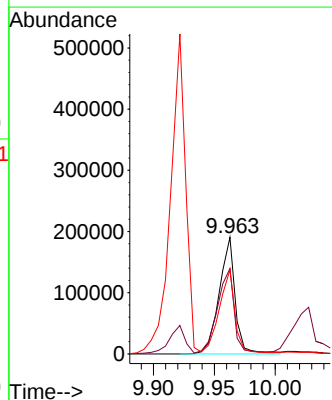
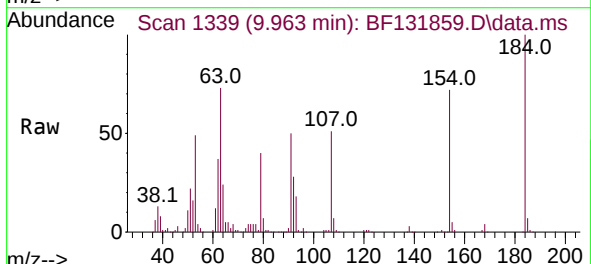
APPROVED

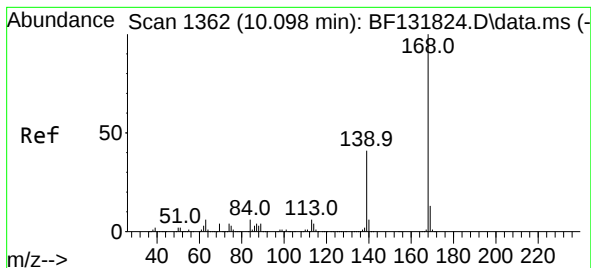
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#54
2,4-Dinitrophenol
Concen: 83.893 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:184 Resp: 174317
Ion Ratio Lower Upper
184 100
63 73.3 66.8 100.2
154 72.2 61.6 92.4





#55
Dibenzofuran
Concen: 36.550 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

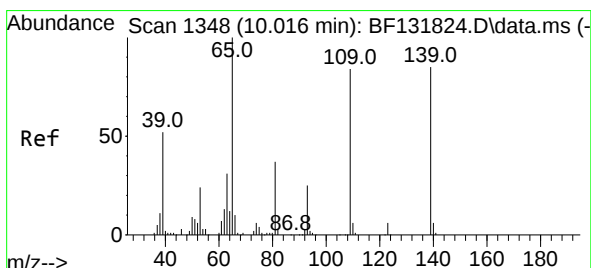
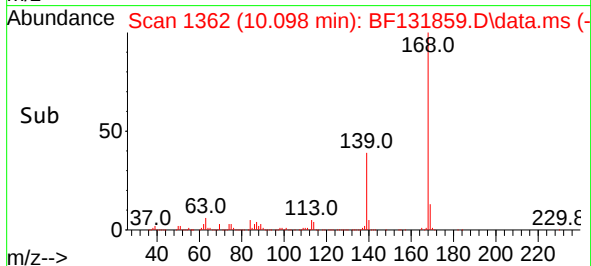
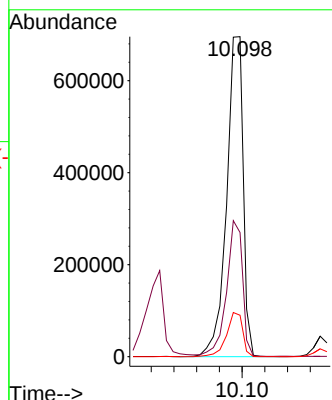
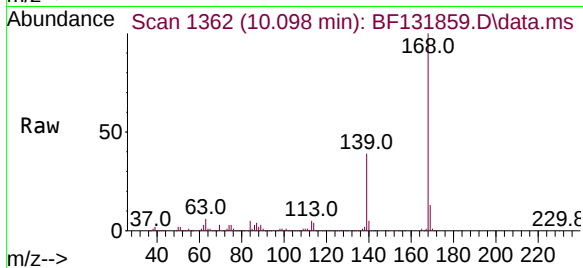
ClientSampleId :

PB149939BS

Tgt Ion:168 Resp: 706696
Ion Ratio Lower Upper
168 100
139 38.8 32.6 49.0
169 12.9 10.5 15.7

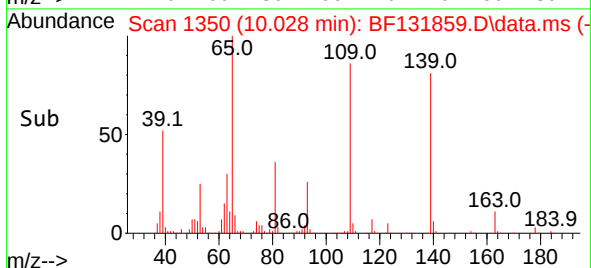
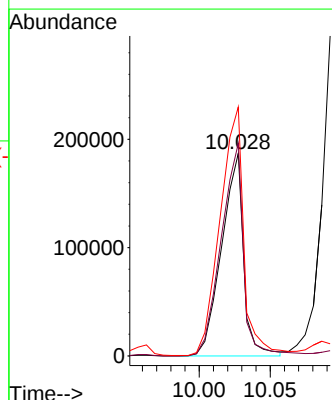
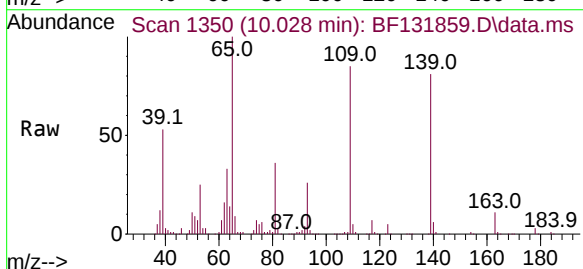
Manual Integrations
APPROVED

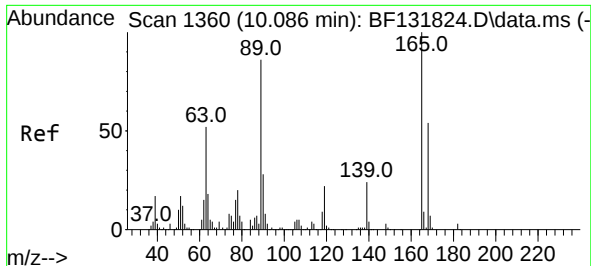
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#56
4-Nitrophenol
Concen: 77.772 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

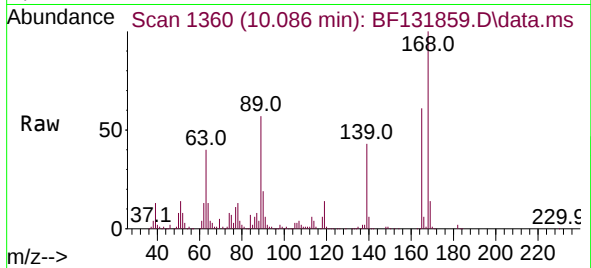
Tgt Ion:139 Resp: 200436
Ion Ratio Lower Upper
139 100
109 105.0 78.5 118.5
65 122.9 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 38.320 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

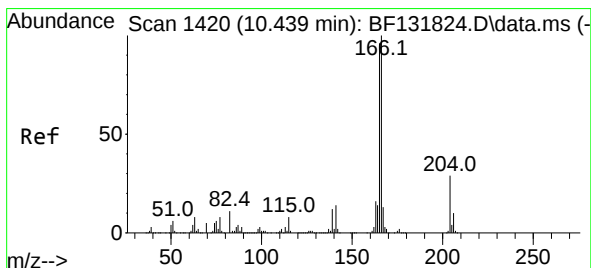
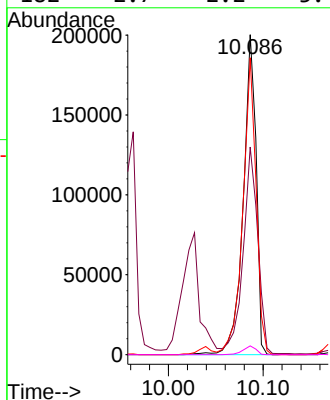
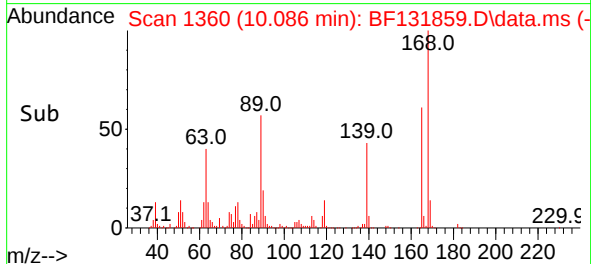
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion:165 Resp: 189219
Ion Ratio Lower Upper
165 100
63 64.9 42.1 63.1
89 92.8 69.1 103.7
182 2.7 2.2 3.4

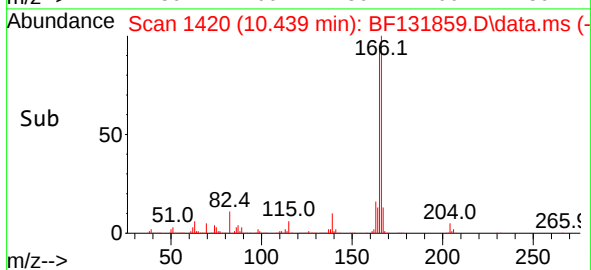
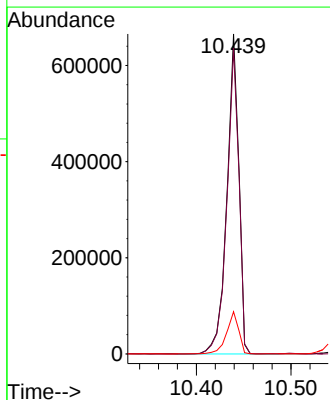
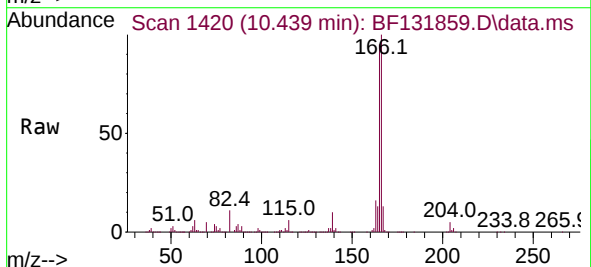
Manual Integrations
APPROVED

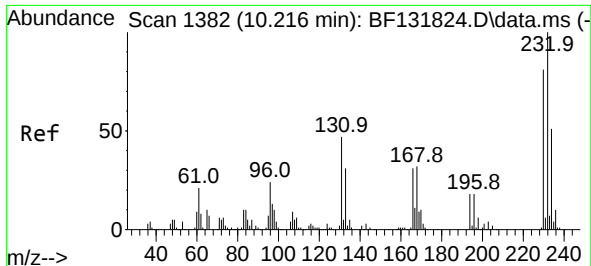
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#58
Fluorene
Concen: 36.734 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

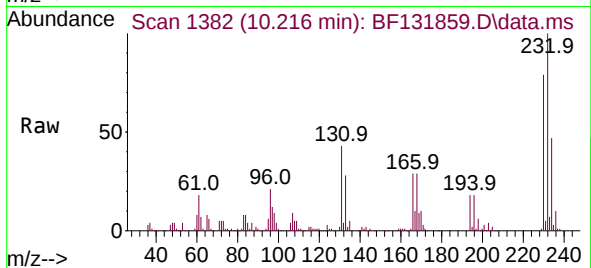
Tgt Ion:166 Resp: 579825
Ion Ratio Lower Upper
166 100
165 95.5 77.0 115.4
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.878 ng m
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

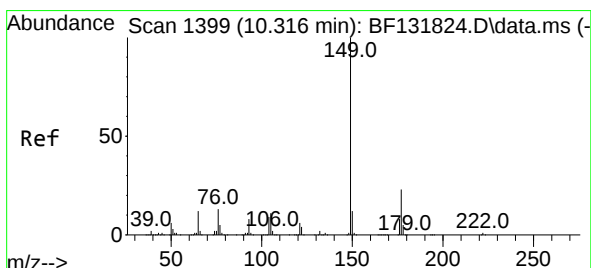
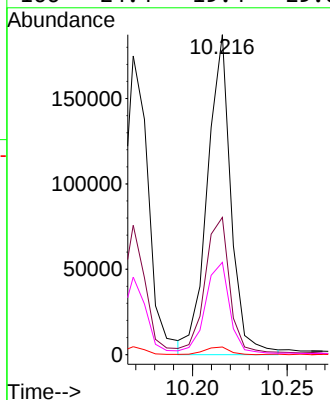
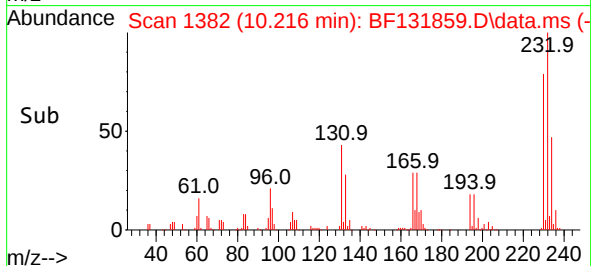
Instrument :
BNA_F
ClientSampleId :
PB149939BS



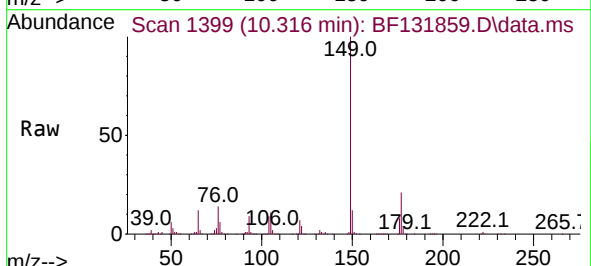
Tgt Ion:232 Resp: 162196
Ion Ratio Lower Upper
232 100
131 39.7 30.1 45.1
130 2.3 1.8 2.6
166 24.4 19.4 29.0

Manual Integrations
APPROVED

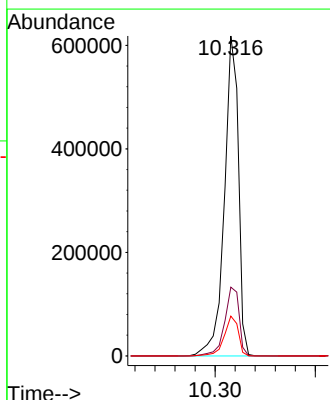
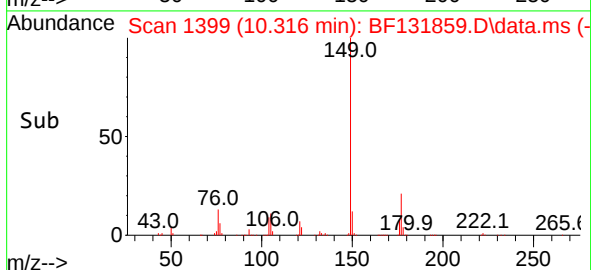
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

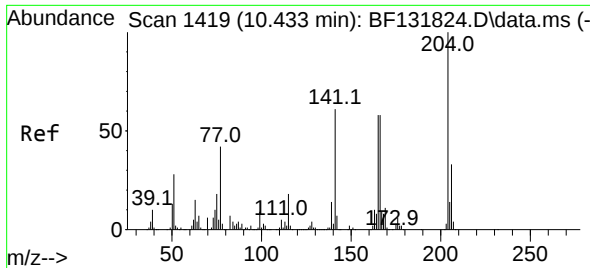


#60
Diethylphthalate
Concen: 37.511 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



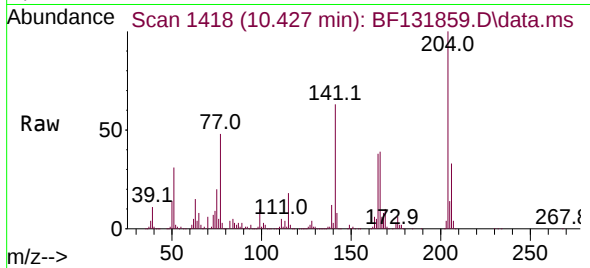
Tgt Ion:149 Resp: 602181
Ion Ratio Lower Upper
149 100
177 21.5 18.1 27.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 37.681 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

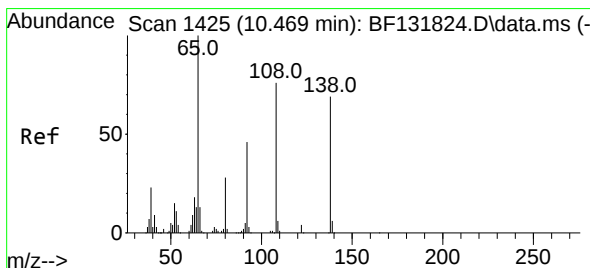
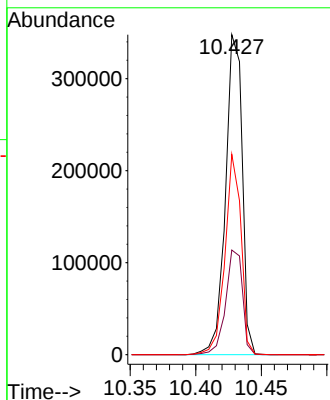
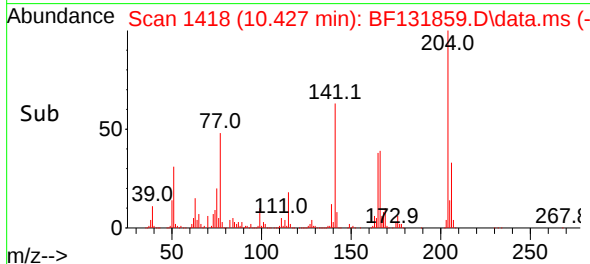
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion:204 Resp: 309192
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.6 49.0 73.4

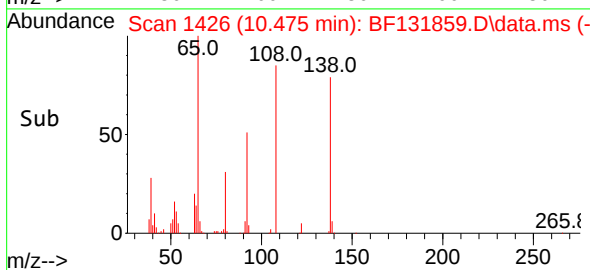
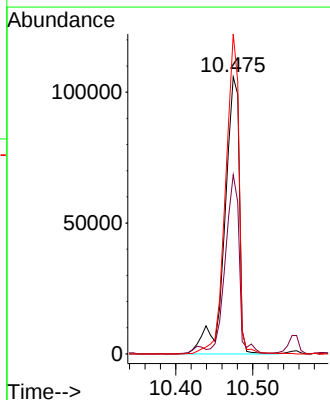
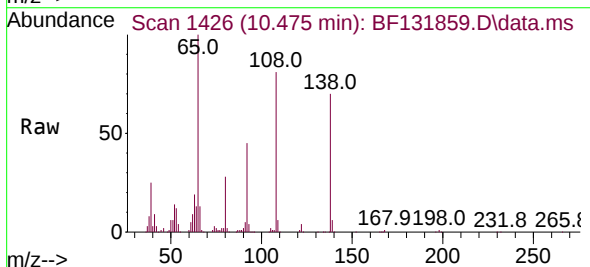
Manual Integrations
APPROVED

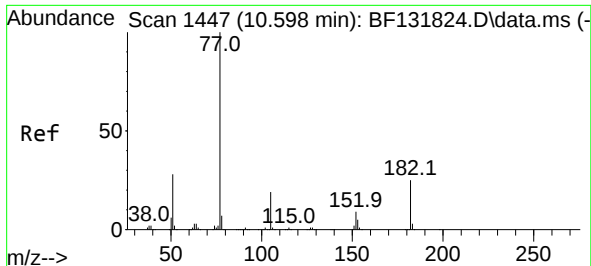
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#62
4-Nitroaniline
Concen: 36.337 ng m
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

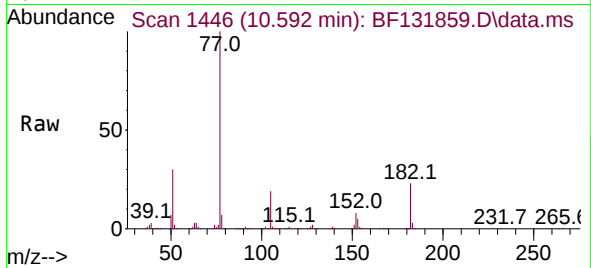
Tgt Ion:138 Resp: 139323
Ion Ratio Lower Upper
138 100
92 64.7 47.2 87.2
108 115.5 89.2 129.2





#63
Azobenzene
Concen: 35.578 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

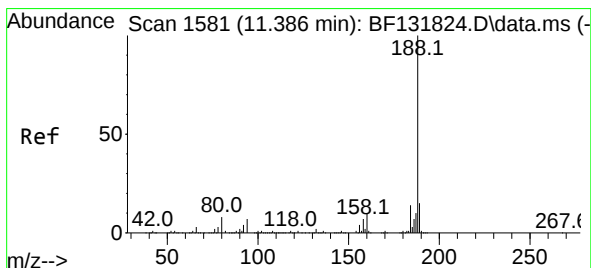
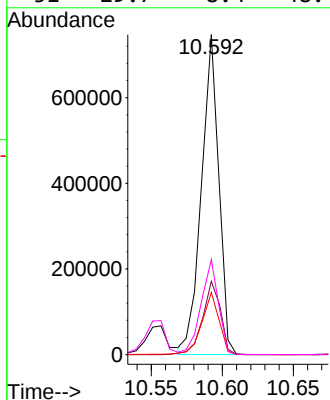
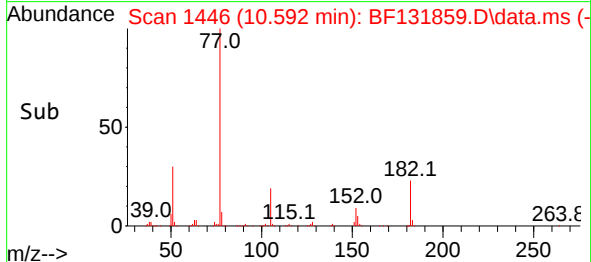
Instrument :
BNA_F
ClientSampleId :
PB149939BS



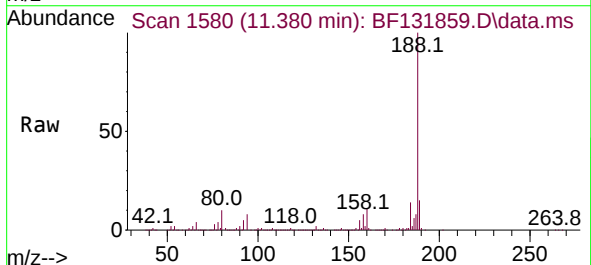
Tgt Ion: 77 Resp: 633861
Ion Ratio Lower Upper
77 100
182 22.9 5.0 45.0
105 19.5 0.0 39.4
51 29.7 8.4 48.4

Manual Integrations
APPROVED

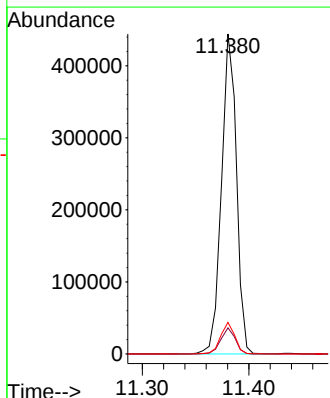
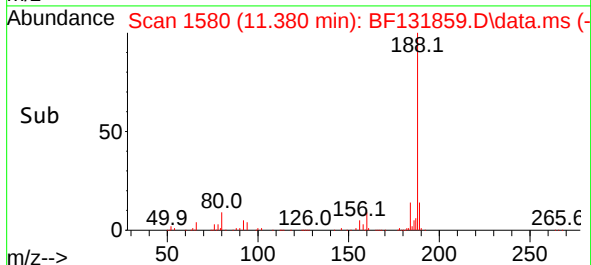
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

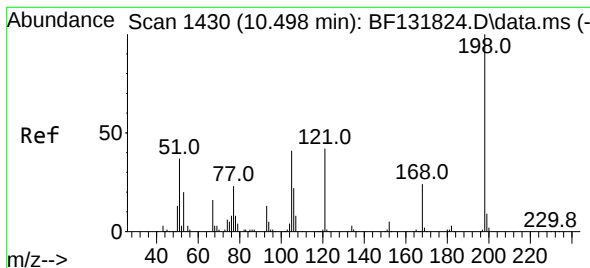


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:188 Resp: 434354
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.8 6.7 10.1





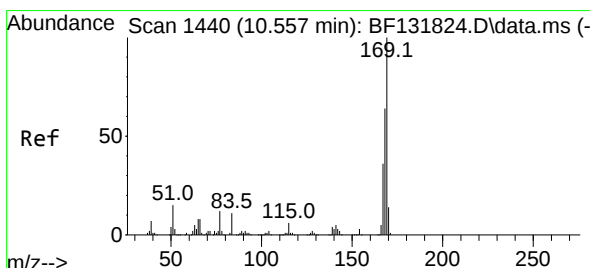
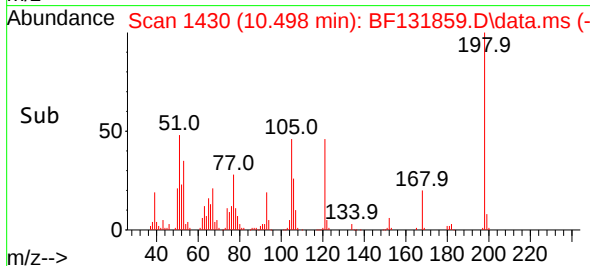
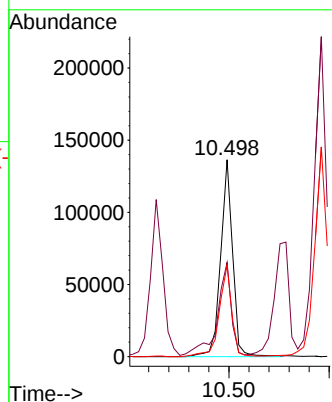
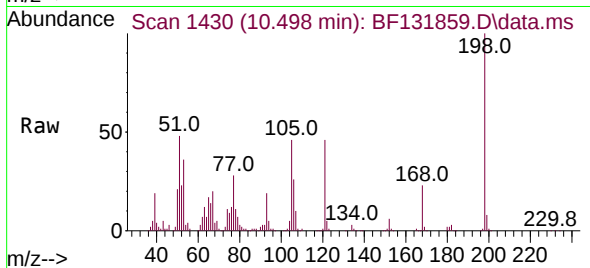
#65
4,6-Dinitro-2-methylphenol
Concen: 38.447 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Tgt Ion:198 Resp: 113702
Ion Ratio Lower Upper
198 100
51 47.8 21.6 61.6
105 46.4 22.0 62.0

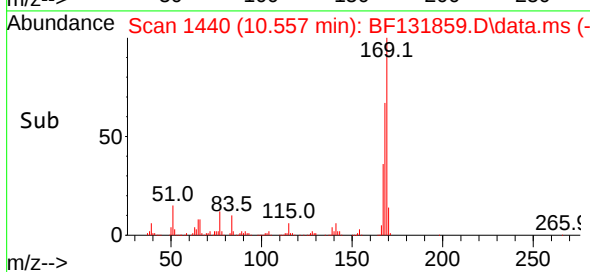
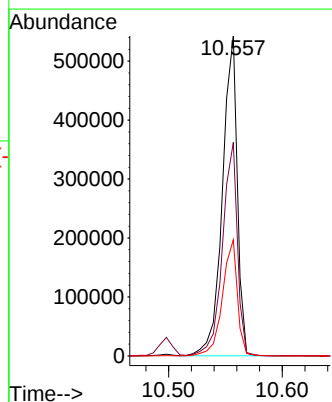
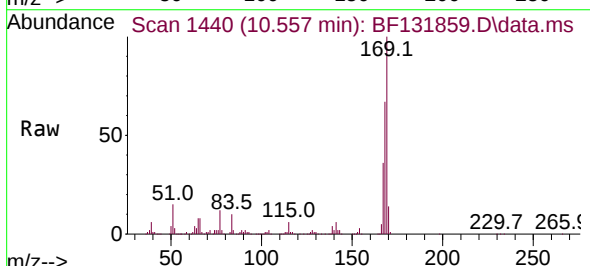
Manual Integrations
APPROVED

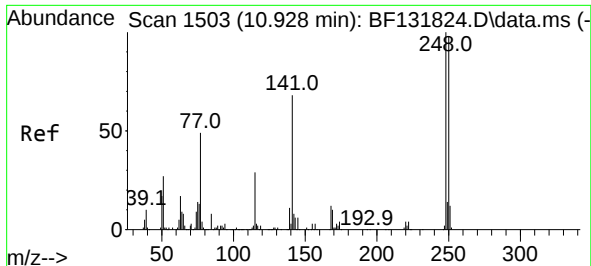
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#66
n-Nitrosodiphenylamine
Concen: 37.215 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:169 Resp: 493085
Ion Ratio Lower Upper
169 100
168 66.7 51.5 77.3
167 36.3 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 37.688 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

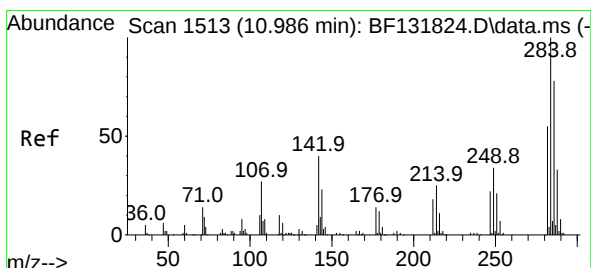
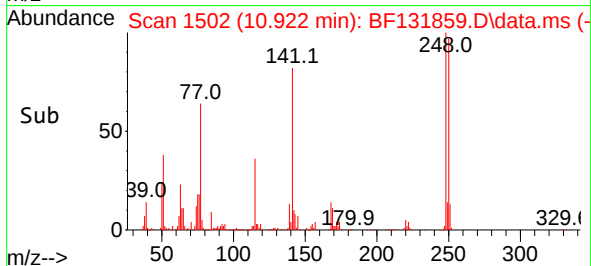
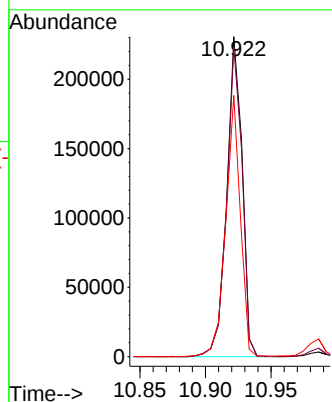
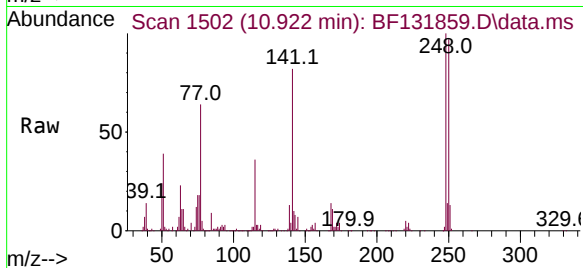
ClientSampleId :

PB149939BS

Tgt Ion:248 Resp: 189730
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 81.6 54.8 82.2

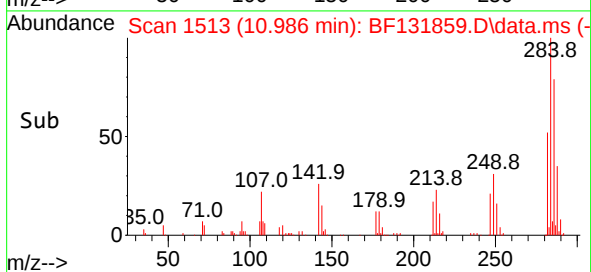
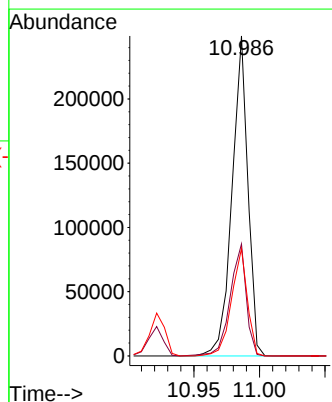
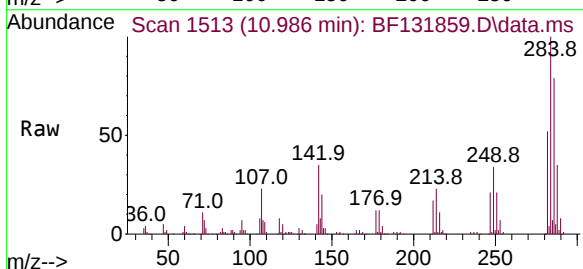
Manual Integrations
APPROVED

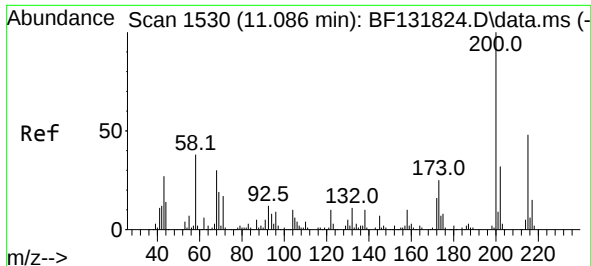
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#68
Hexachlorobenzene
Concen: 37.908 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:284 Resp: 209634
Ion Ratio Lower Upper
284 100
142 35.0 31.6 47.4
249 33.5 26.9 40.3





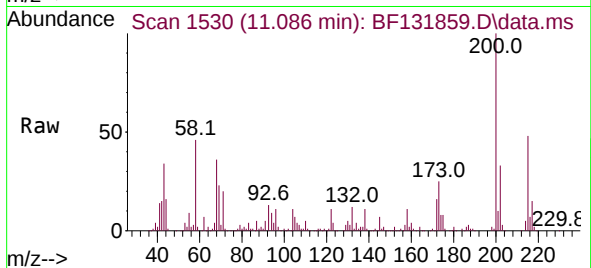
#69
 Atrazine
 Concen: 48.471 ng
 RT: 11.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

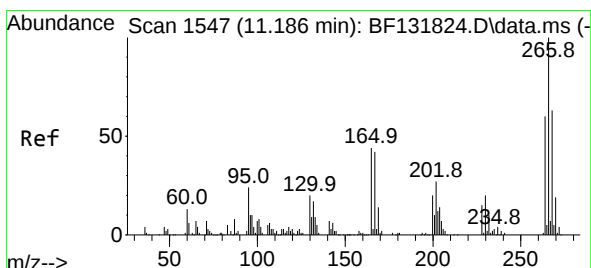
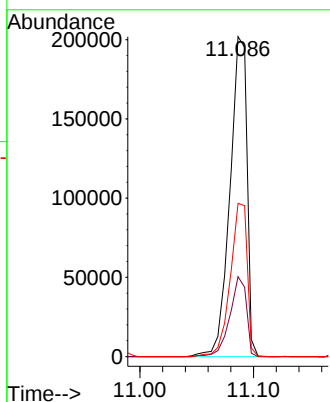
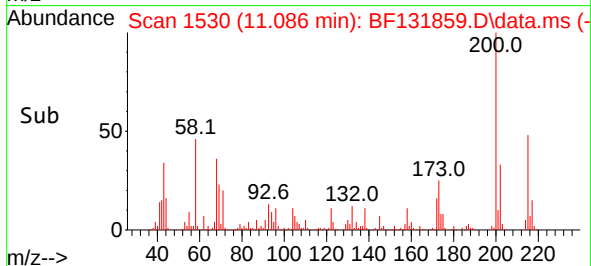


Tgt Ion:200 Resp: 211431
 Ion Ratio Lower Upper
 200 100
 173 25.0 4.5 44.5
 215 47.9 28.5 68.5

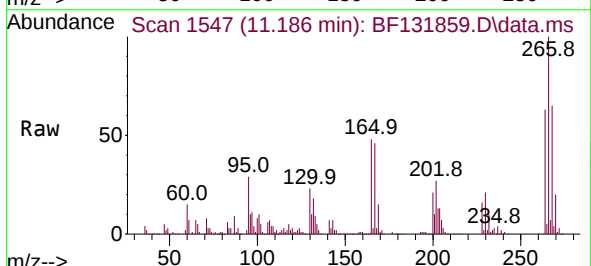
Manual Integrations

APPROVED

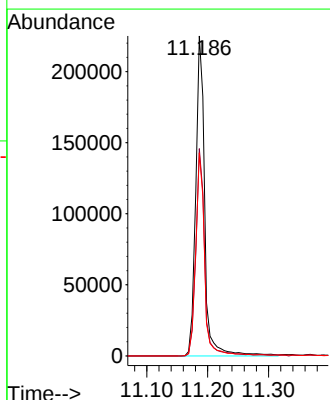
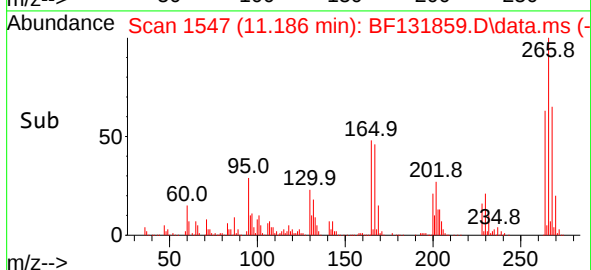
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

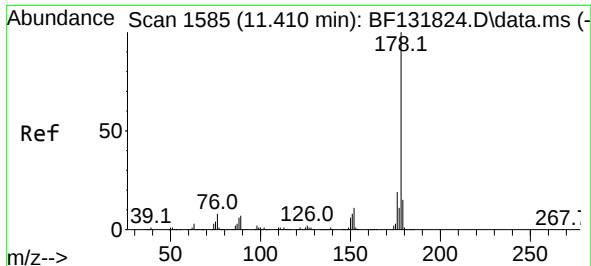


#70
 Pentachlorophenol
 Concen: 84.408 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13



Tgt Ion:266 Resp: 230979
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.5 75.7
 264 63.5 48.3 72.5





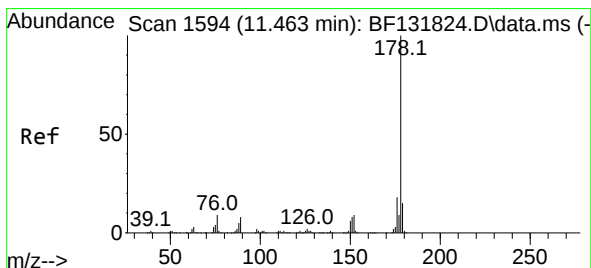
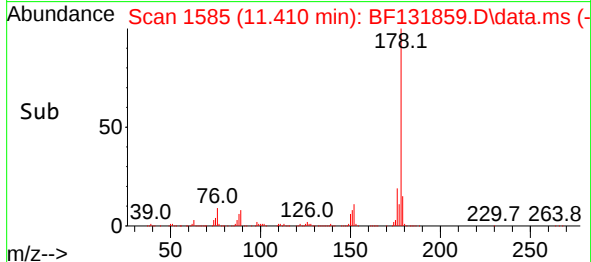
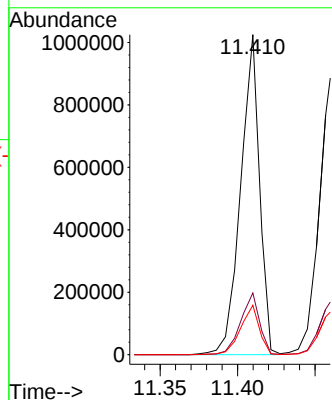
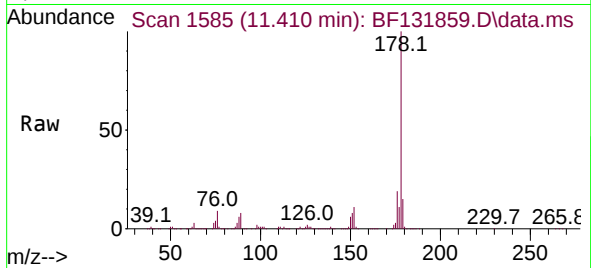
#71
Phenanthrene
Concen: 36.427 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :
BNA_F
ClientSampleId :
PB149939BS

Tgt Ion:178 Resp: 870083
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.2 18.4

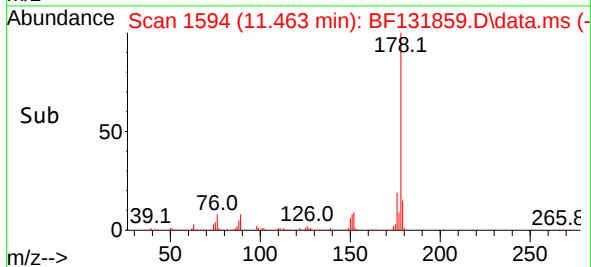
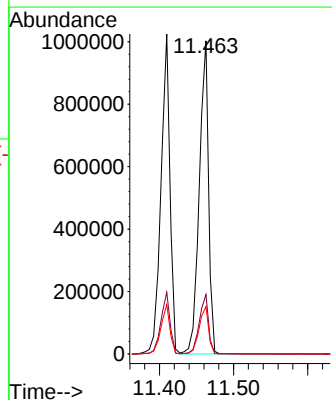
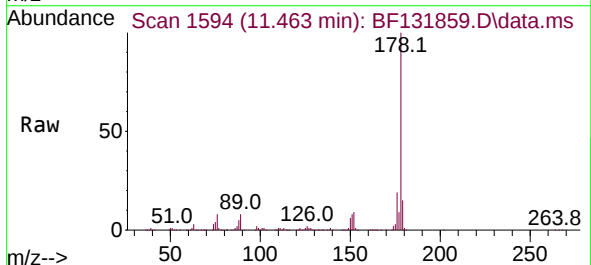
Manual Integrations
APPROVED

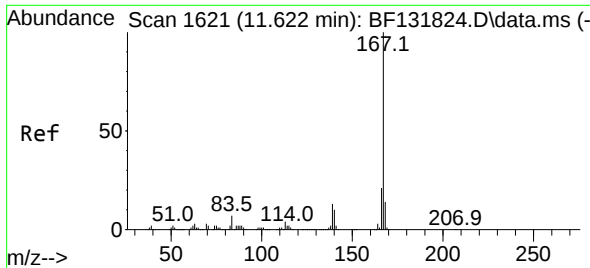
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#72
Anthracene
Concen: 37.583 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

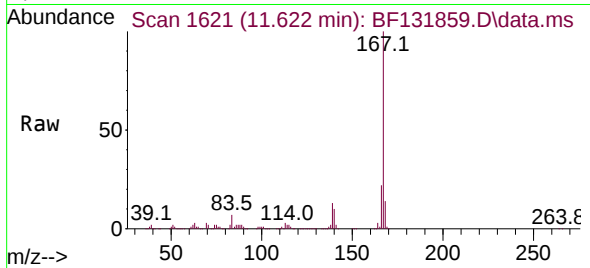
Tgt Ion:178 Resp: 878161
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 38.470 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13

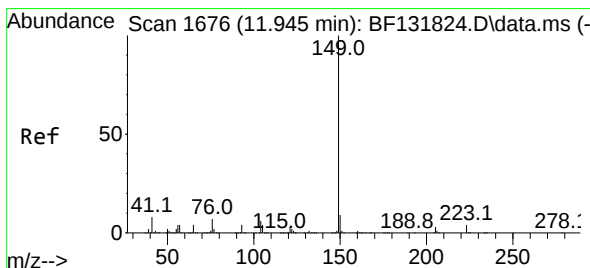
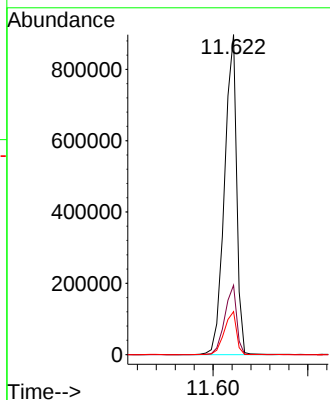
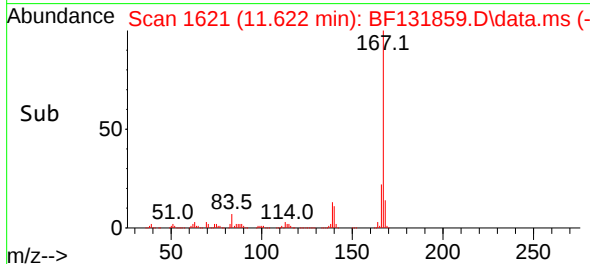
Instrument :
 BNA_F
 ClientSampleId :
 PB149939BS



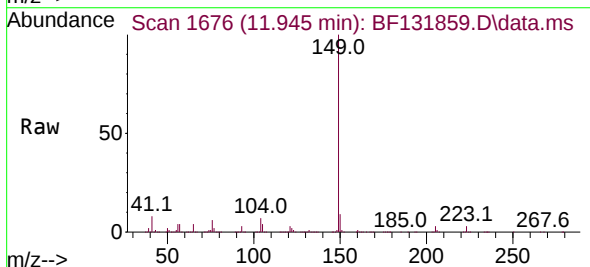
Tgt Ion:167 Resp: 793547
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.6 24.8
 139 13.5 10.6 15.8

Manual Integrations
 APPROVED

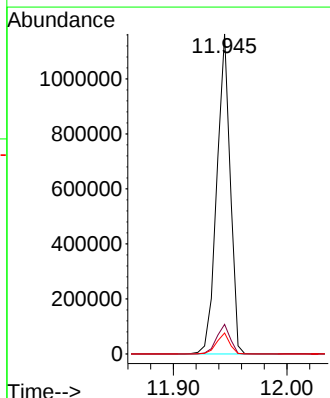
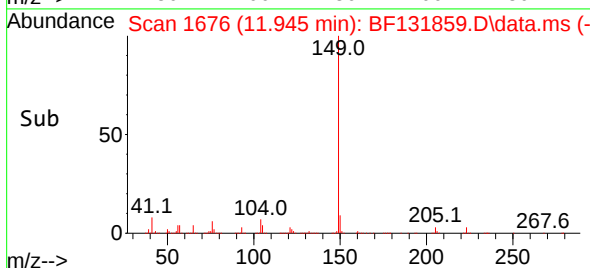
Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

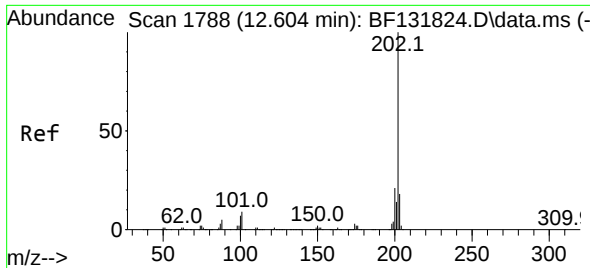


#74
 Di-n-butylphthalate
 Concen: 38.140 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13



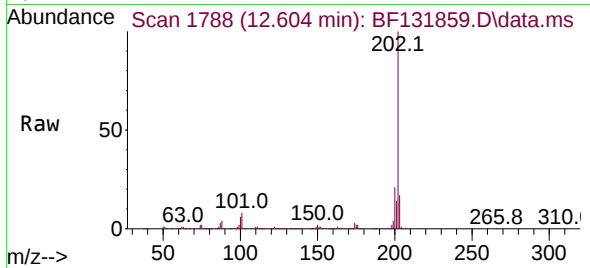
Tgt Ion:149 Resp: 950945
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.5 5.1 7.7





#75
Fluoranthene
Concen: 37.079 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

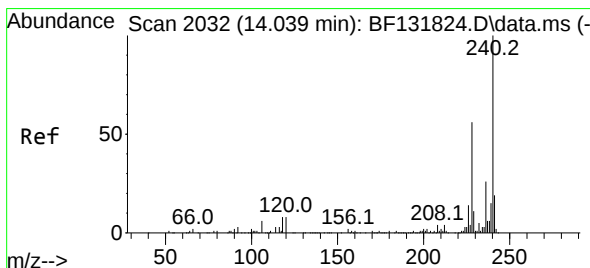
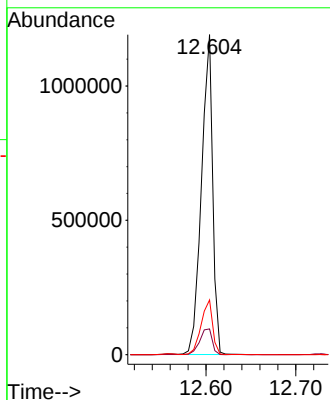
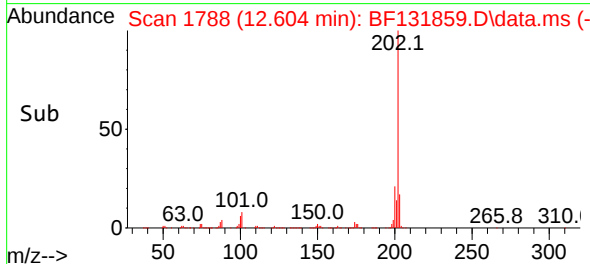
Instrument :
BNA_F
ClientSampleId :
PB149939BS



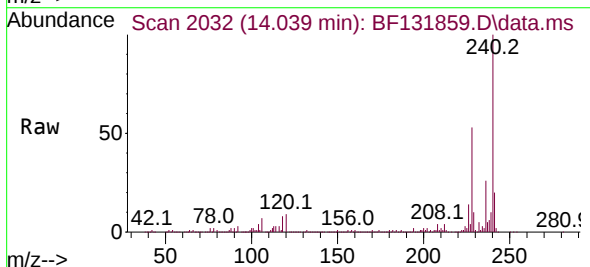
Tgt Ion:202 Resp: 1031600
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.1 0.0 37.8

Manual Integrations
APPROVED

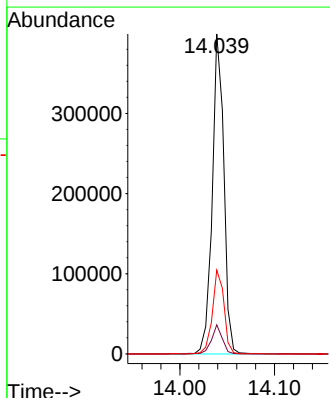
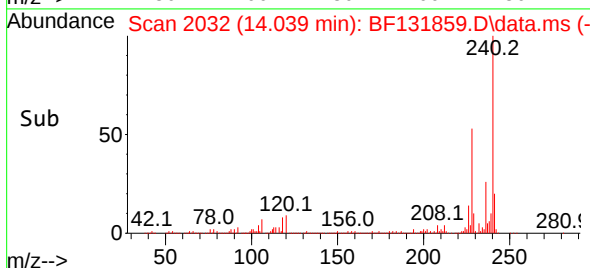
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

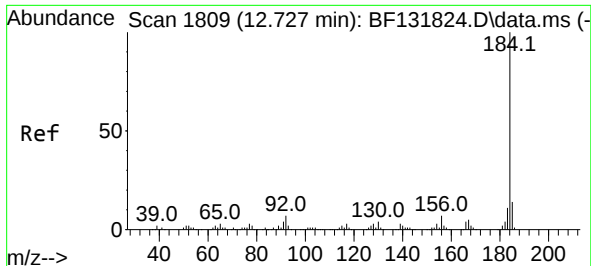


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:240 Resp: 339788
Ion Ratio Lower Upper
240 100
120 9.1 6.7 10.1
236 26.2 20.6 31.0





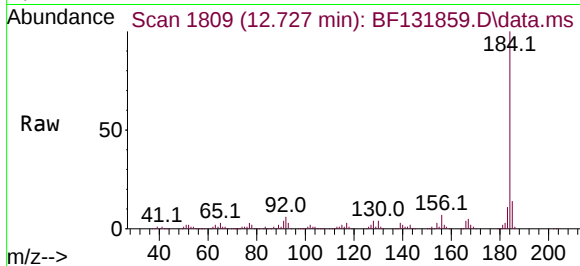
#77
Benzidine
Concen: 50.381 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

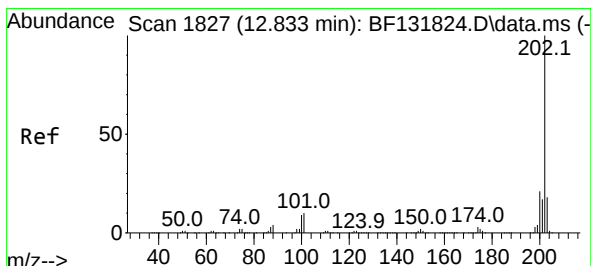
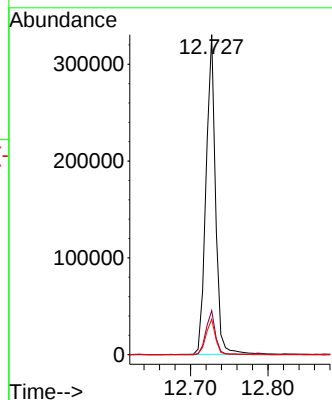
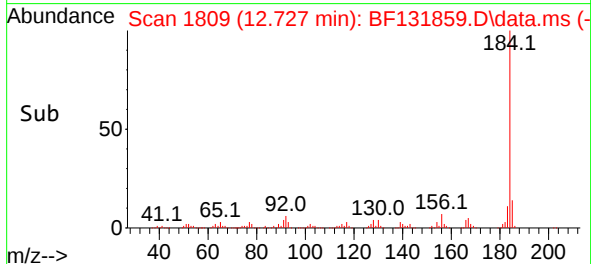


Tgt Ion:184 Resp: 281325
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 11.0 9.0 13.4

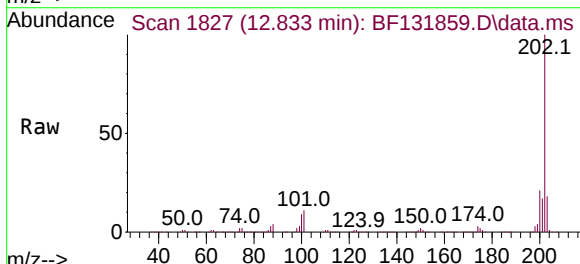
Manual Integrations

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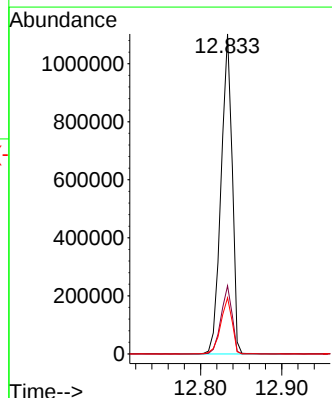
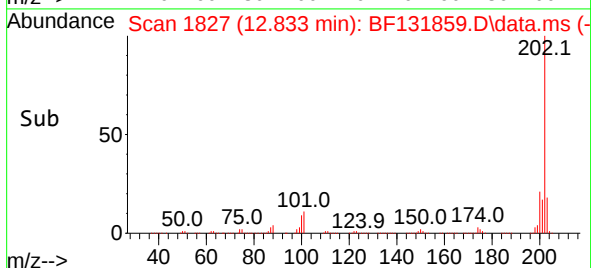
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

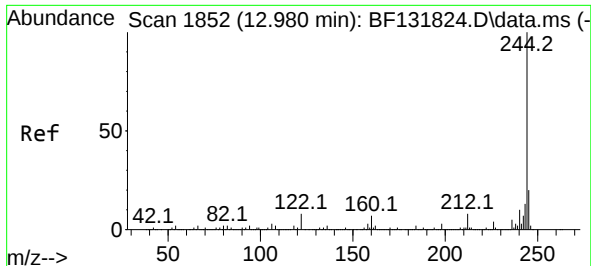


#78
Pyrene
Concen: 36.548 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:202 Resp: 1040893
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.5 14.4 21.6





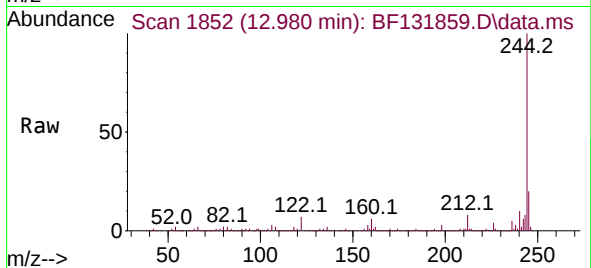
#79
 Terphenyl-d14
 Concen: 76.435 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS



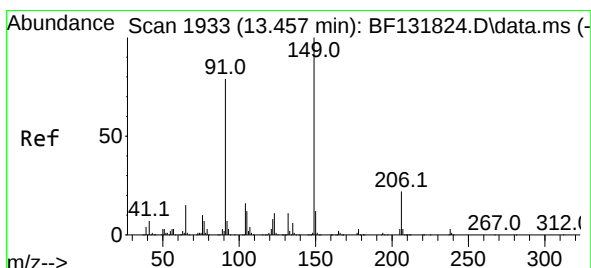
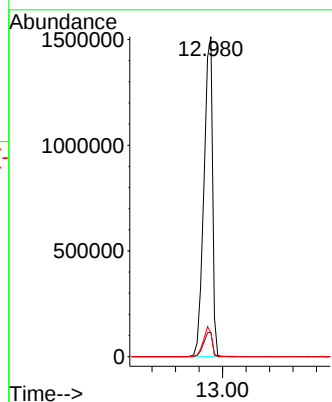
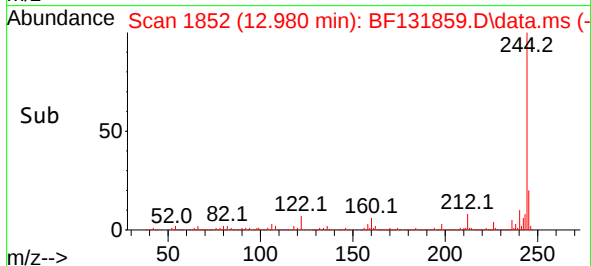
Tgt Ion:244 Resp: 153541

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	7.4	6.4	9.6

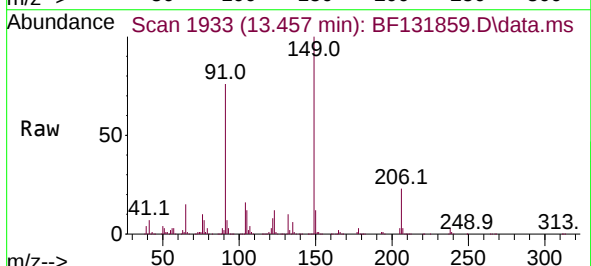
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022
 Supervised By :Jagrut Upadhyay 01/03/2023

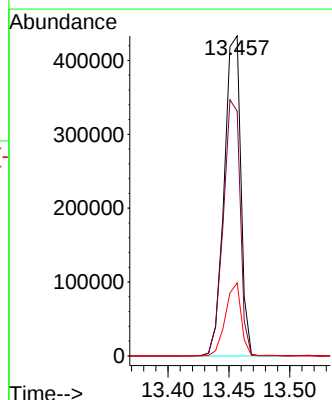
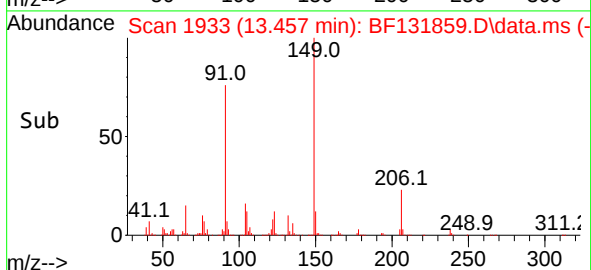


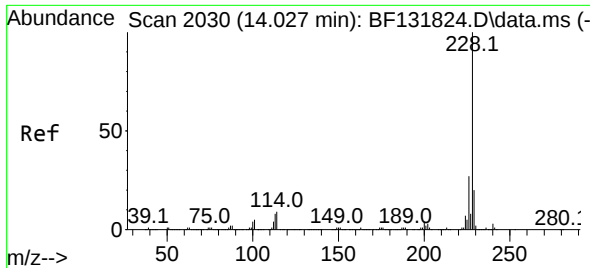
#80
 Butylbenzylphthalate
 Concen: 38.930 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF131859.D
 Acq: 28 Dec 2022 14:13



Tgt Ion:149 Resp: 411238

Ion	Ratio	Lower	Upper
149	100		
91	76.5	63.2	94.8
206	22.8	17.9	26.9





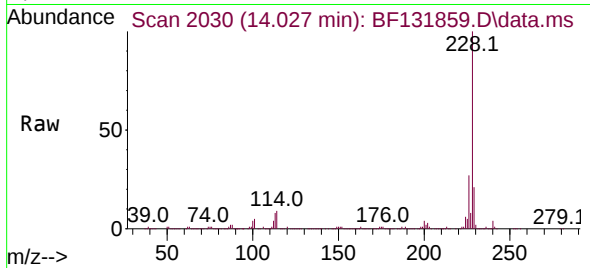
#81
Benzo(a)anthracene
Concen: 36.745 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

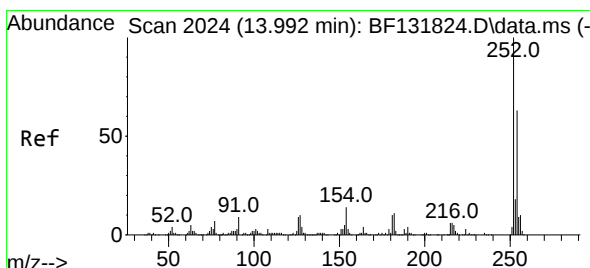
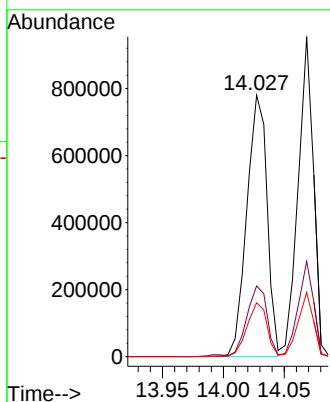
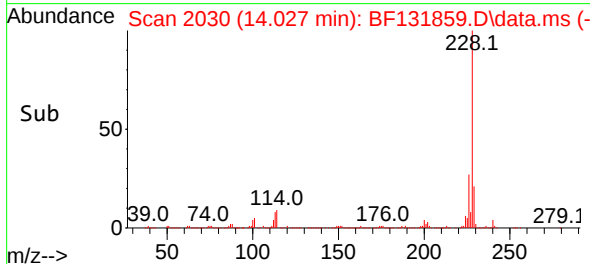


Tgt Ion:228 Resp: 903986
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 20.6 16.0 24.0

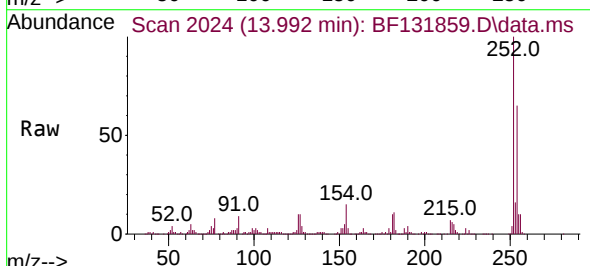
Manual Integrations

APPROVED

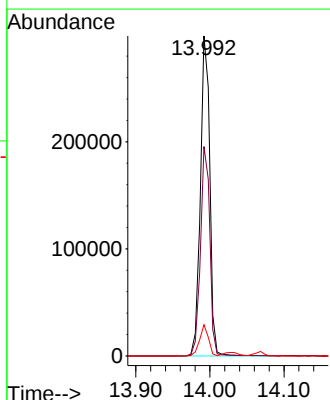
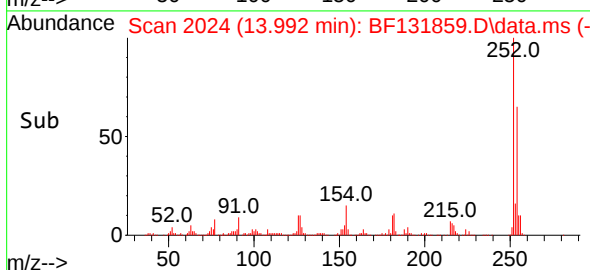
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

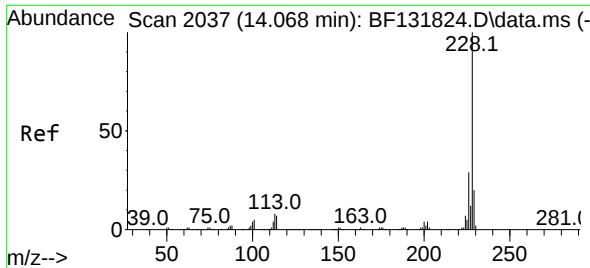


#82
3,3'-Dichlorobenzidine
Concen: 36.913 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



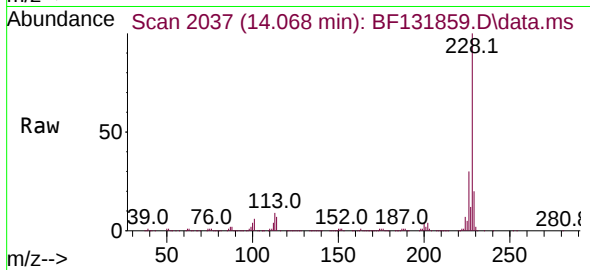
Tgt Ion:252 Resp: 262476
Ion Ratio Lower Upper
252 100
254 65.4 50.4 75.6
126 9.7 7.5 11.3





#83
Chrysene
Concen: 36.511 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

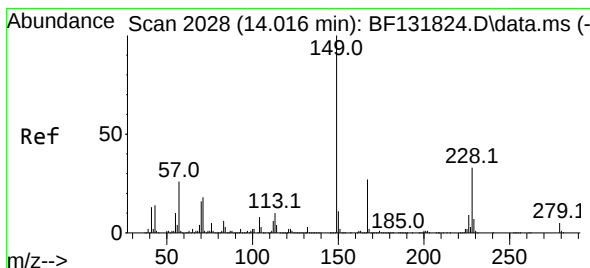
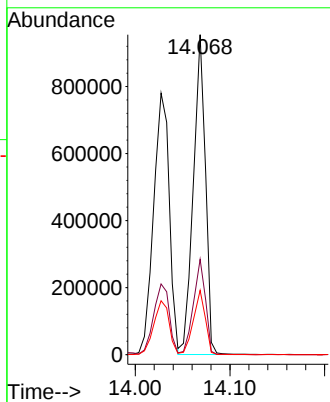
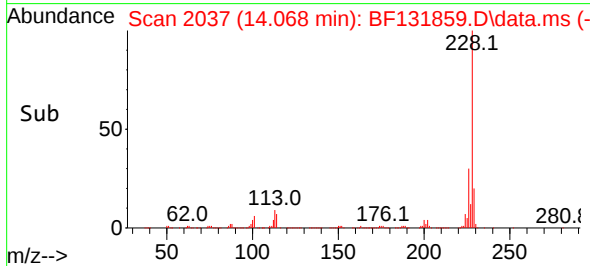
Instrument :
BNA_F
ClientSampleId :
PB149939BS



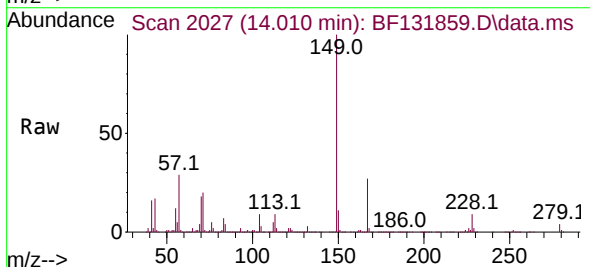
Tgt Ion:228 Resp: 844066
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 20.1 16.2 24.2

Manual Integrations
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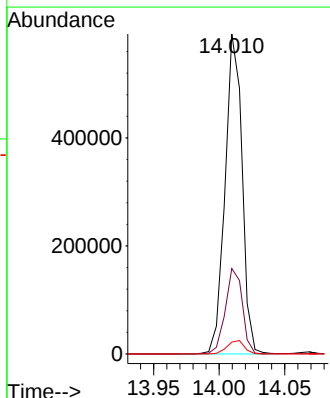
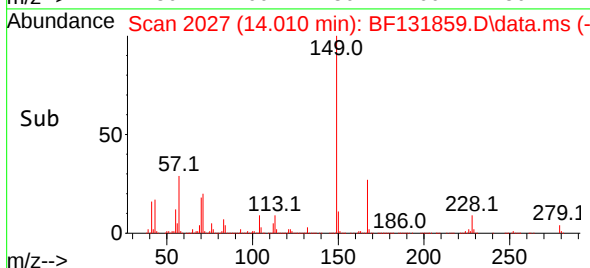
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

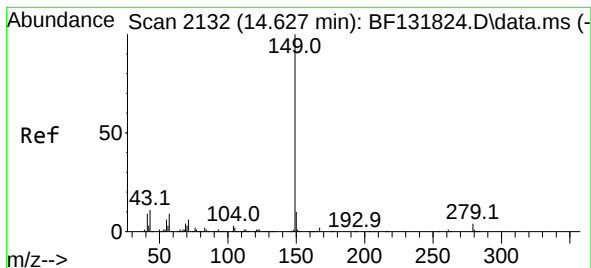


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.659 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



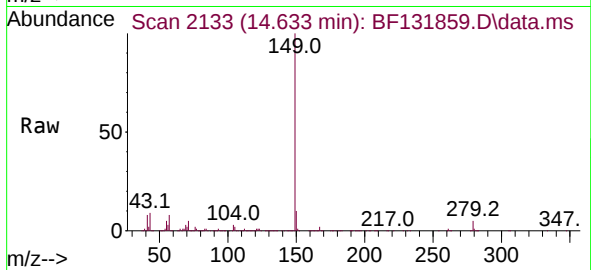
Tgt Ion:149 Resp: 535815
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 3.7 3.9 5.9#





#85
Di-n-octyl phthalate
Concen: 46.455 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

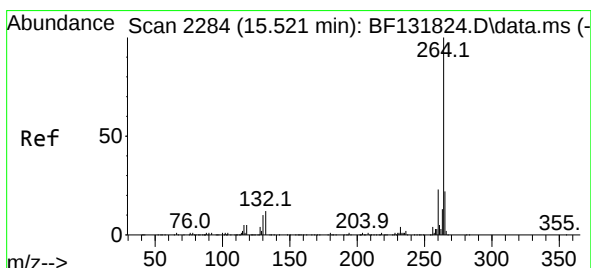
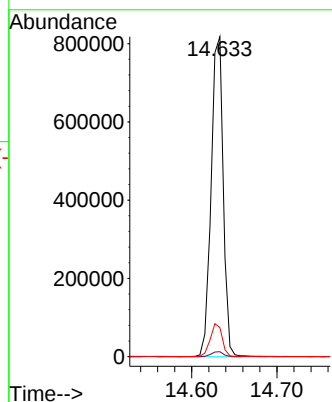
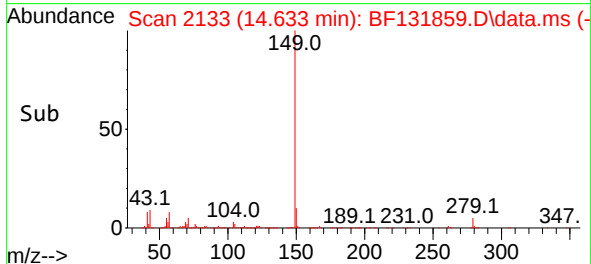
Instrument :
BNA_F
ClientSampleId :
PB149939BS



Tgt Ion:149 Resp: 804333
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 8.1 12.1

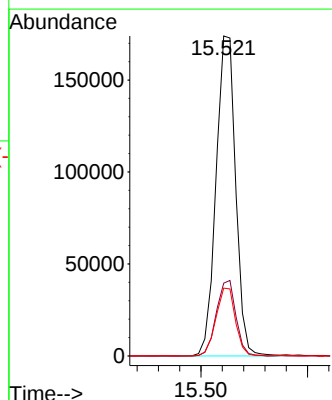
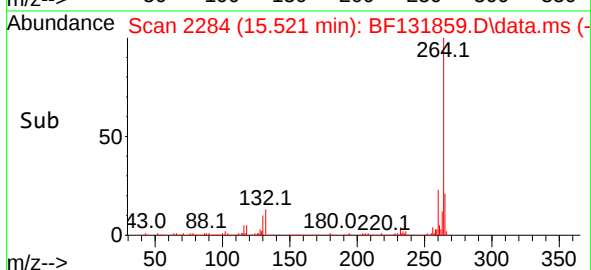
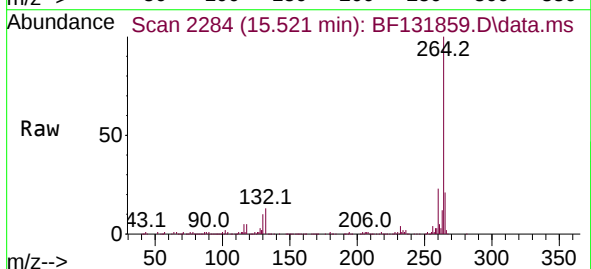
Manual Integrations
APPROVED

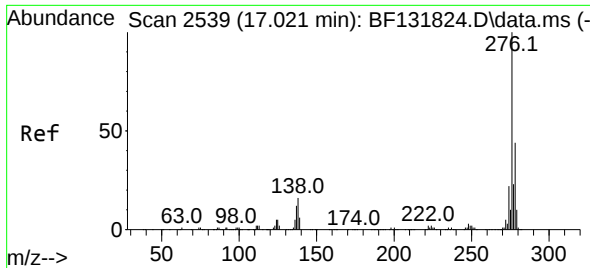
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:264 Resp: 222929
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.2 17.4 26.0





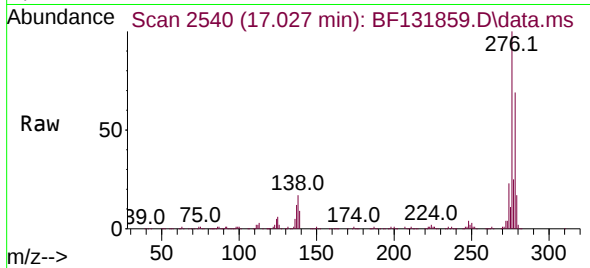
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.914 ng
RT: 17.027 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

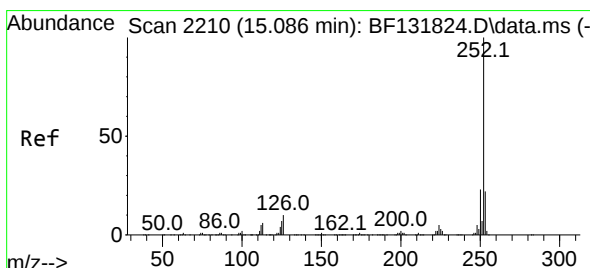
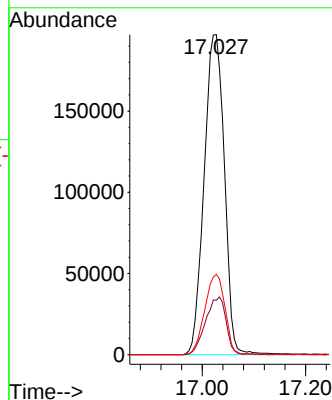
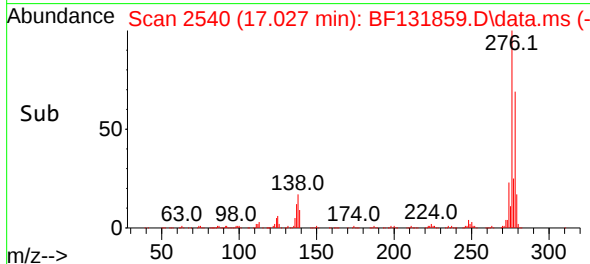


Tgt Ion:276 Resp: 536975
Ion Ratio Lower Upper
276 100
138 18.1 14.5 21.7
277 25.0 19.7 29.5

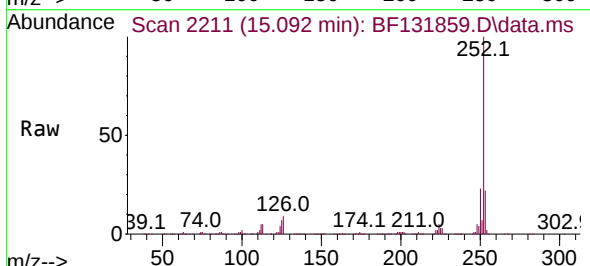
Manual Integrations

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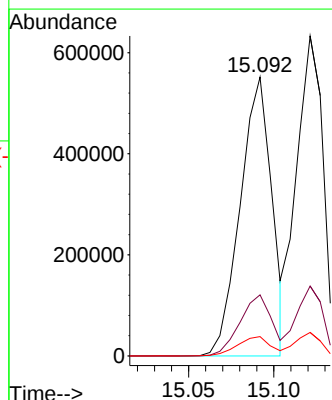
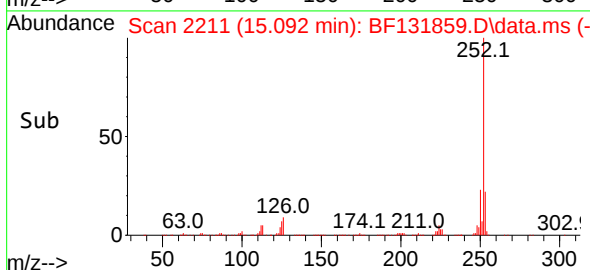
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

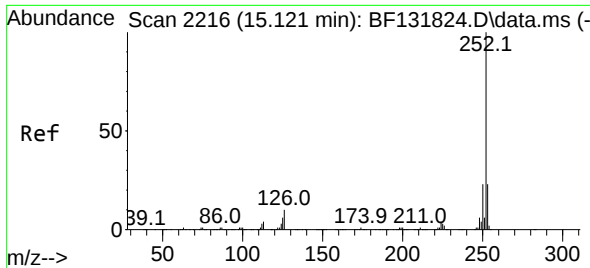


#88
Benzo(b)fluoranthene
Concen: 43.547 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



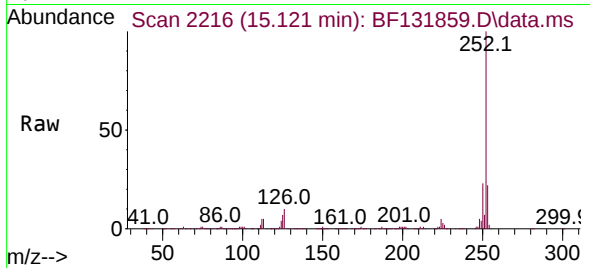
Tgt Ion:252 Resp: 711820
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 6.9 5.8 8.8





#89
Benzo(k)fluoranthene
Concen: 43.844 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

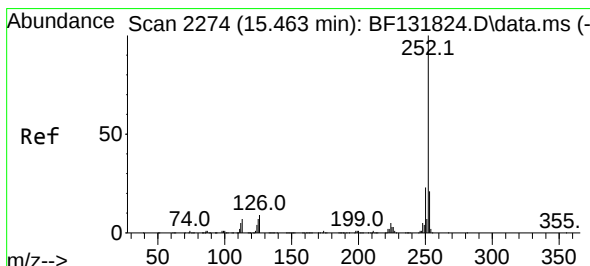
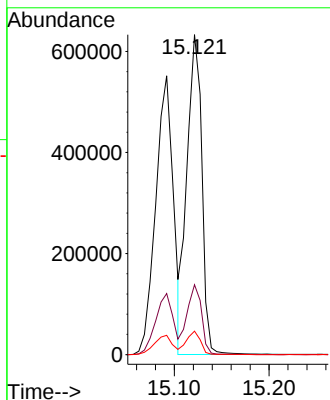
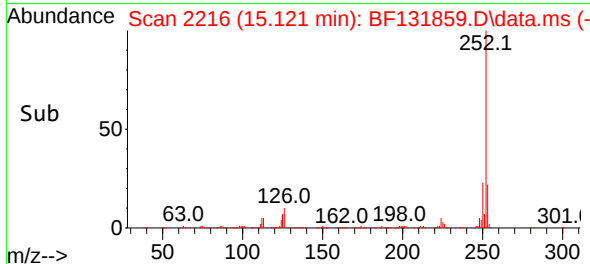
Instrument :
BNA_F
ClientSampleId :
PB149939BS



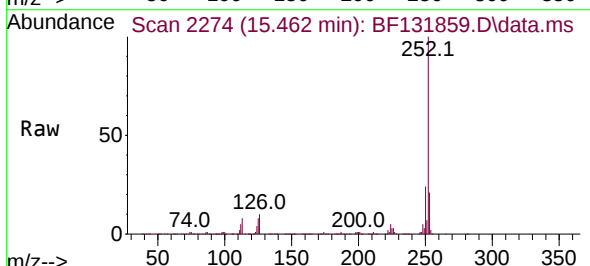
Tgt Ion:252 Resp: 692463
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.3 5.4 8.0

Manual Integrations
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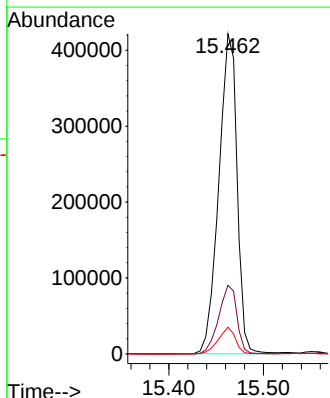
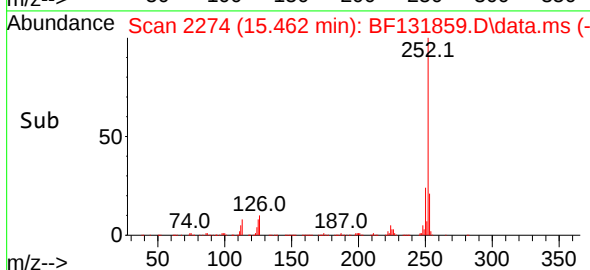
Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023

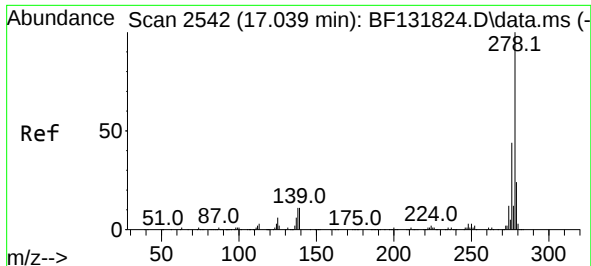


#90
Benzo(a)pyrene
Concen: 44.564 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13



Tgt Ion:252 Resp: 563971
Ion Ratio Lower Upper
252 100
253 21.4 16.6 24.8
125 8.3 5.8 8.8





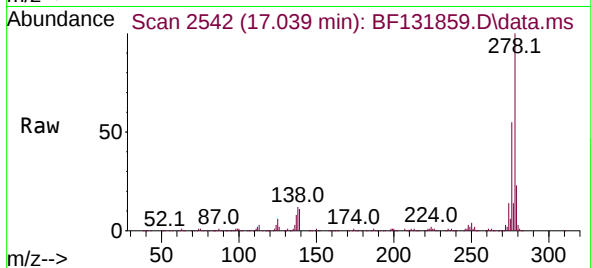
#91
Dibenzo(a,h)anthracene
Concen: 39.972 ng
RT: 17.039 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Instrument :

BNA_F

ClientSampleId :

PB149939BS

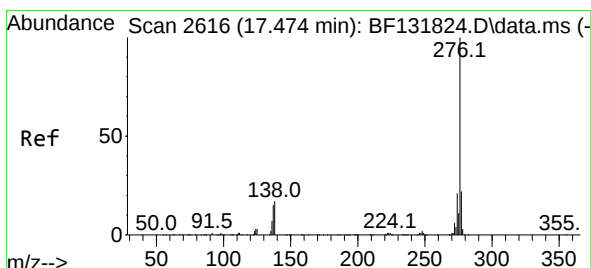
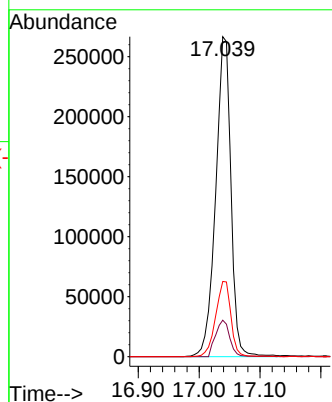
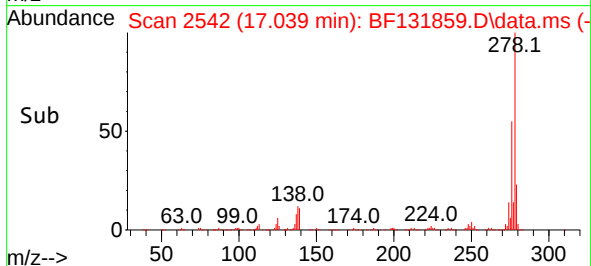


Tgt Ion:278 Resp: 463714
Ion Ratio Lower Upper
278 100
139 11.4 8.6 12.8
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Jagrut Upadhyay 01/03/2023



#92
Benzo(g,h,i)perylene
Concen: 35.069 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF131859.D
Acq: 28 Dec 2022 14:13

Tgt Ion:276 Resp: 459427
Ion Ratio Lower Upper
276 100
277 23.6 17.9 26.9
138 15.0 13.7 20.5

