

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131751.D
 Acq On : 21 Dec 2022 18:20
 Operator : CG\JU
 Sample : PB149739BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149739BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:48:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90069	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	328210	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190008	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	372345	20.000	ng	0.00
76) Chrysene-d12	14.069	240	266035	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	199405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	886703	165.774	ng	0.02
7) Phenol-d6	6.504	99	1137771	158.036	ng	0.00
23) Nitrobenzene-d5	7.440	82	794310	98.248	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	361751	173.943	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1377069	101.524	ng	0.00
79) Terphenyl-d14	13.010	244	1818664	106.544	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	108822	43.536	ng	99
3) Pyridine	3.463	79	310399	43.550	ng	99
4) n-Nitrosodimethylamine	3.440	42	155138	48.110	ng	95
6) Aniline	6.528	93	181865	20.462	ng	# 81
8) 2-Chlorophenol	6.651	128	287570	50.055	ng	98
9) Benzaldehyde	6.416	77	139425	32.273	ng	98
10) Phenol	6.522	94	395781	46.044	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	319348	51.917	ng	98
12) 1,3-Dichlorobenzene	6.804	146	312366	48.099	ng	99
13) 1,4-Dichlorobenzene	6.881	146	312791	47.120	ng	97
14) 1,2-Dichlorobenzene	7.034	146	297963	47.940	ng	100
15) Benzyl Alcohol	7.016	79	288447m	44.857	ng	
16) 2,2'-oxybis(1-Chloropr...	7.140	45	380721	48.541	ng	91
17) 2-Methylphenol	7.128	107	254138	46.858	ng	96
18) Hexachloroethane	7.381	117	129379	49.166	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	245732	47.326	ng	98
20) 3+4-Methylphenols	7.281	107	325735	46.665	ng	94
22) Acetophenone	7.281	105	466484	48.703	ng	# 93
24) Nitrobenzene	7.457	77	383522	46.662	ng	96
25) Isophorone	7.698	82	684548	49.858	ng	99
26) 2-Nitrophenol	7.775	139	153851	47.897	ng	98
27) 2,4-Dimethylphenol	7.810	122	271117	59.261	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	380270	52.156	ng	98
29) 2,4-Dichlorophenol	8.016	162	261818	47.405	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	306986	47.280	ng	99
31) Naphthalene	8.181	128	815855	45.516	ng	99
32) Benzoic acid	7.957	122	192664	52.610	ng	97
33) 4-Chloroaniline	8.245	127	43103	6.166	ng	98
34) Hexachlorobutadiene	8.292	225	201323	46.086	ng	98
35) Caprolactam	8.616	113	75914m	45.584	ng	
36) 4-Chloro-3-methylphenol	8.722	107	306915	48.646	ng	98
37) 2-Methylnaphthalene	8.875	142	561119	45.893	ng	99
38) 1-Methylnaphthalene	8.975	142	517625	43.711	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	321881	49.515	ng	99
41) Hexachlorocyclopentadiene	9.022	237	431707	146.580	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	205025	48.280	ng	98

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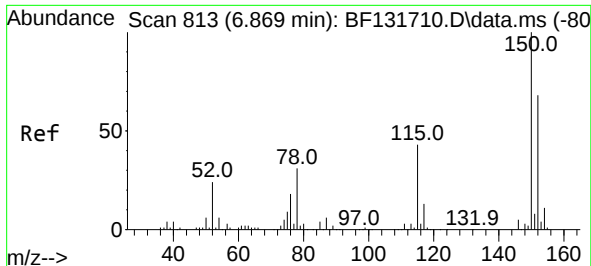
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221512	48.184	ng	98
46) 1,1'-Biphenyl	9.339	154	713783	49.942	ng	100
47) 2-Chloronaphthalene	9.369	162	569159	48.633	ng	99
48) 2-Nitroaniline	9.469	65	199018	47.181	ng	97
49) Acenaphthylene	9.787	152	852557	48.569	ng	99
50) Dimethylphthalate	9.645	163	700075	48.966	ng	100
51) 2,6-Dinitrotoluene	9.710	165	152799	49.703	ng	92
52) Acenaphthene	9.957	154	514952	47.889	ng	100
53) 3-Nitroaniline	9.881	138	46070	14.646	ng	93
54) 2,4-Dinitrophenol	9.992	184	204126	110.815	ng	98
55) Dibenzofuran	10.128	168	786538	47.700	ng	98
56) 4-Nitrophenol	10.057	139	224213	99.589	ng	92
57) 2,4-Dinitrotoluene	10.116	165	214161	51.843	ng	90
58) Fluorene	10.475	166	629901	47.249	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	189445	49.362	ng	# 88
60) Diethylphthalate	10.351	149	675981	49.069	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	349046	49.261	ng	98
62) 4-Nitroaniline	10.504	138	132770	41.939	ng	96
63) Azobenzene	10.622	77	725715	47.971	ng	94
65) 4,6-Dinitro-2-methylph...	10.528	198	128463	50.252	ng	91
66) n-Nitrosodiphenylamine	10.586	169	521908	45.199	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	209616	47.665	ng	98
68) Hexachlorobenzene	11.016	284	235569	48.705	ng	99
69) Atrazine	11.116	200	170574	44.316	ng	99
70) Pentachlorophenol	11.216	266	273600	106.582	ng	97
71) Phenanthrene	11.439	178	949222	46.752	ng	99
72) Anthracene	11.492	178	975499	49.070	ng	99
73) Carbazole	11.651	167	799663	46.494	ng	100
74) Di-n-butylphthalate	11.975	149	1065766	49.764	ng	100
75) Fluoranthene	12.633	202	1094618	48.408	ng	99
77) Benzidine	12.757	184	20771	4.258	ng	# 95
78) Pyrene	12.863	202	1130968	46.758	ng	100
80) Butylbenzylphthalate	13.480	149	448498	52.573	ng	100
81) Benzo(a)anthracene	14.057	228	954150	49.799	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	74932	14.008	ng	98
83) Chrysene	14.098	228	897489	49.629	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	614560	60.414	ng	99
85) Di-n-octyl phthalate	14.657	149	952176	67.055	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	635325	47.435	ng	99
88) Benzo(b)fluoranthene	15.121	252	739519	52.420	ng	99
89) Benzo(k)fluoranthene	15.151	252	751935	54.622	ng	98
90) Benzo(a)pyrene	15.498	252	609687	54.559	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	534186	48.261	ng	97
92) Benzo(g,h,i)perylene	17.533	276	510659	46.677	ng	99

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

Manual Integrations

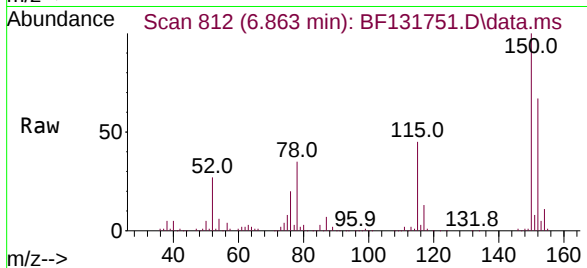
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

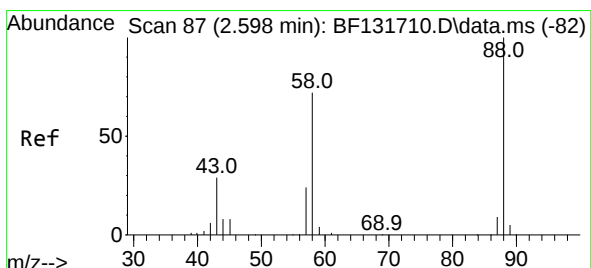
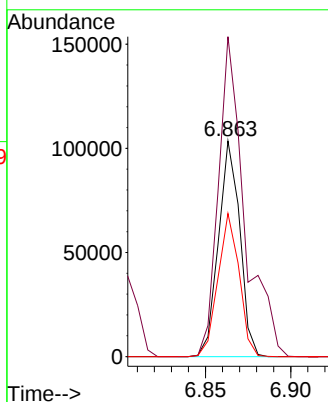
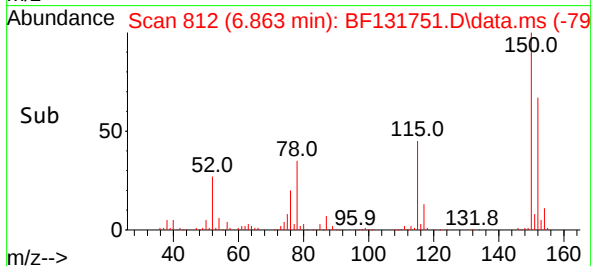
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:152 Resp: 90069
Ion Ratio Lower Upper
152 100
150 148.4 117.4 176.0
115 66.4 50.2 75.4

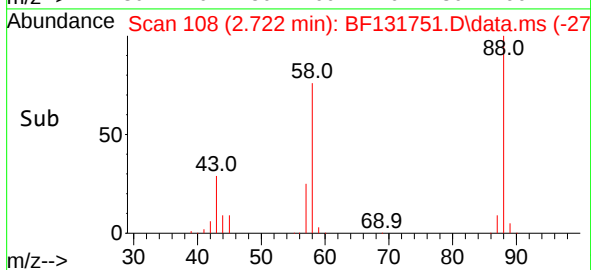
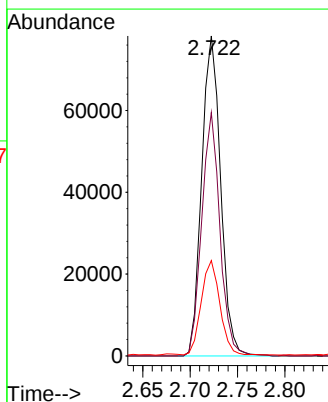
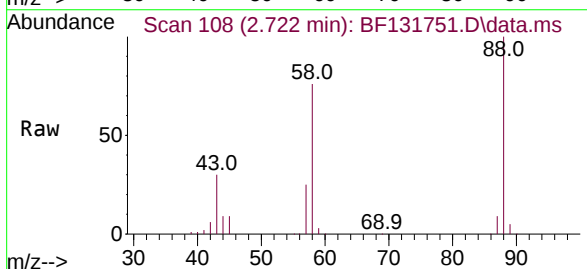
Manual Integrations
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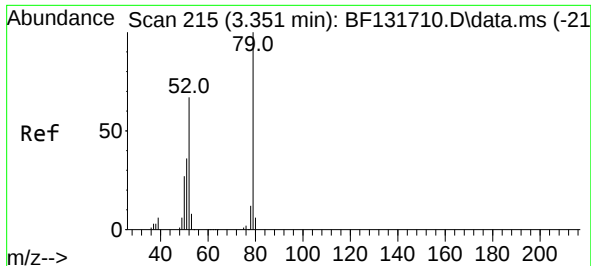
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#2
1,4-Dioxane
Concen: 43.536 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.124 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion: 88 Resp: 108822
Ion Ratio Lower Upper
88 100
58 73.2 57.5 86.3
43 29.1 23.3 34.9





#3

Pyridine

Concen: 43.550 ng

RT: 3.463 min Scan# 230

Delta R.T. 0.112 min

Lab File: BF131751.D

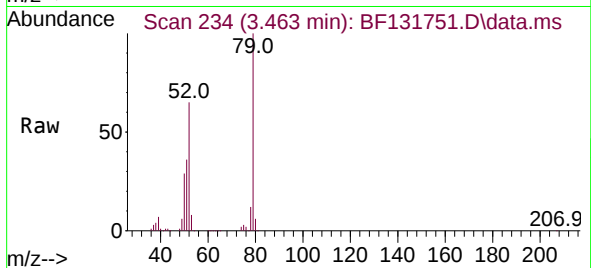
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

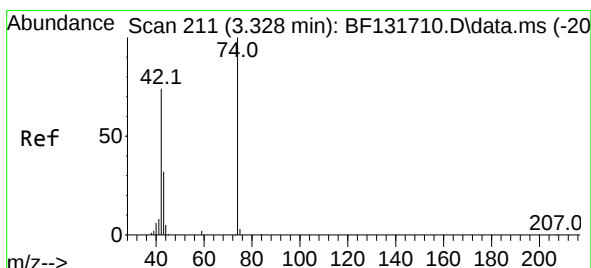
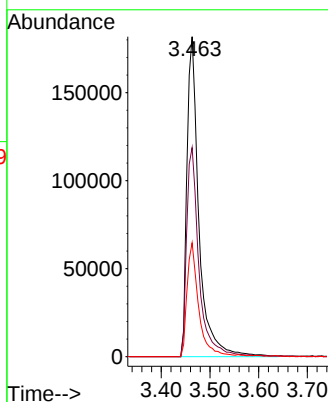
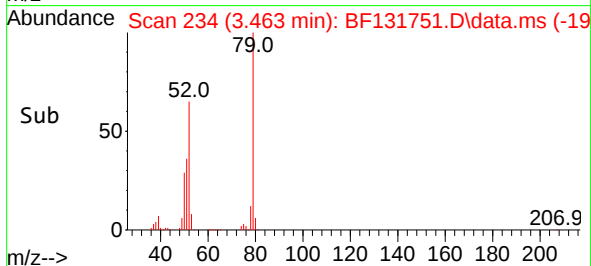
PB149739BS



Tgt Ion: 79	Resp: 310399
Ion Ratio	Lower Upper
79	100
52	65.3 53.7 80.5
51	35.6 28.6 42.8

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#4

n-Nitrosodimethylamine

Concen: 48.110 ng

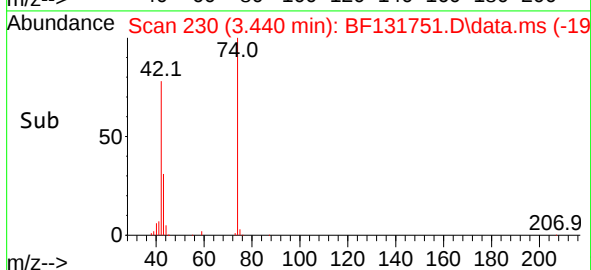
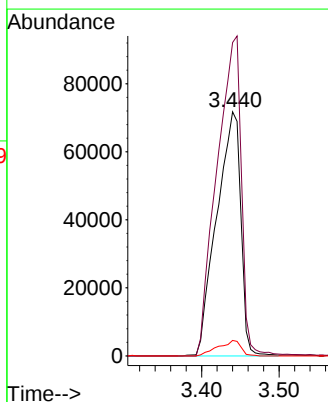
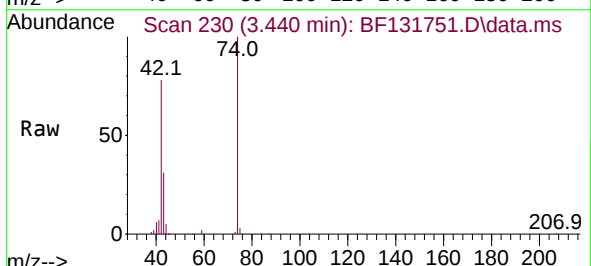
RT: 3.440 min Scan# 230

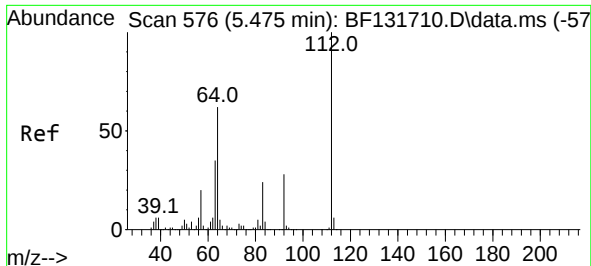
Delta R.T. 0.112 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

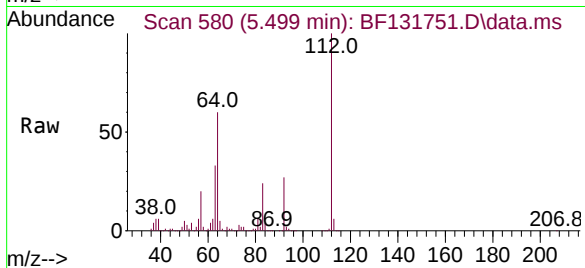
Tgt Ion: 42	Resp: 155138
Ion Ratio	Lower Upper
42	100
74	128.4 107.8 161.8
44	6.3 5.5 8.3





#5
2-Fluorophenol
Concen: 165.774 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

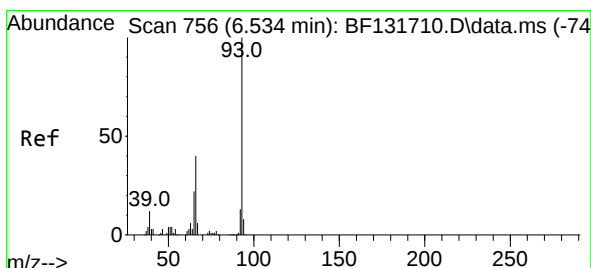
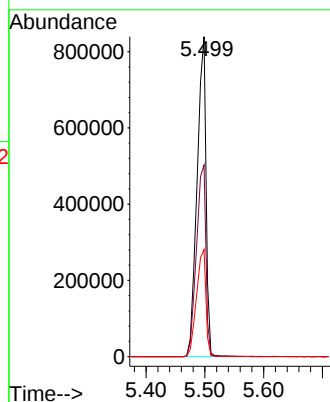
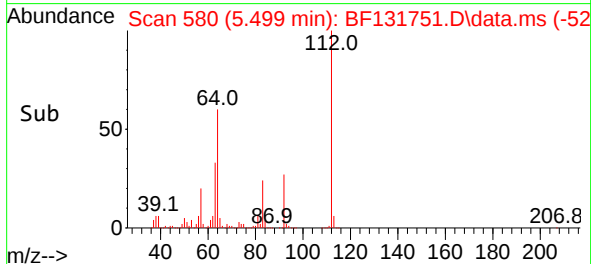
Instrument :
BNA_F
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PB149739BS



Tgt Ion:112 Resp: 886703
Ion Ratio Lower Upper
112 100
64 59.9 49.5 74.3
63 33.5 28.2 42.2

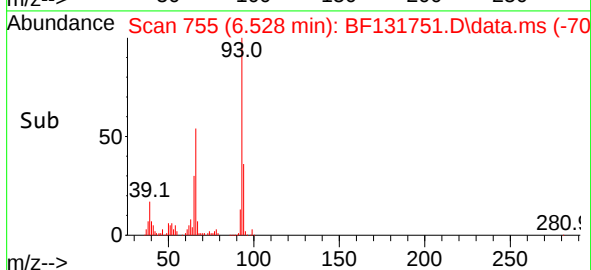
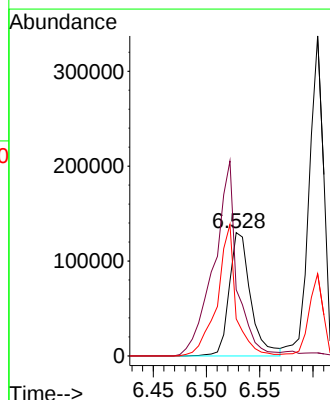
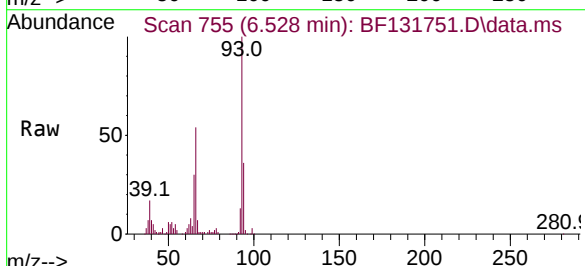
Manual Integrations
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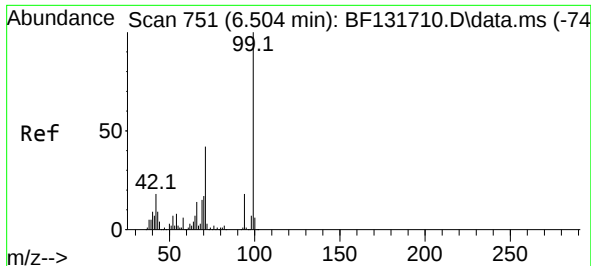
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#6
Aniline
Concen: 20.462 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

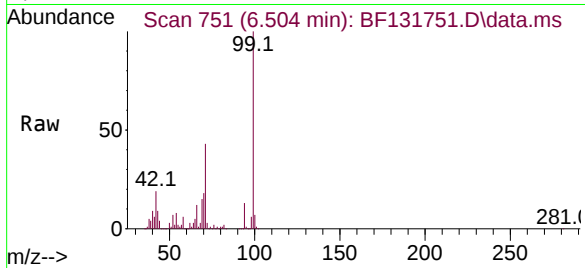
Tgt Ion: 93 Resp: 181865
Ion Ratio Lower Upper
93 100
66 53.7 32.8 49.2#
65 30.0 17.4 26.2#





#7
Phenol-d6
Concen: 158.036 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

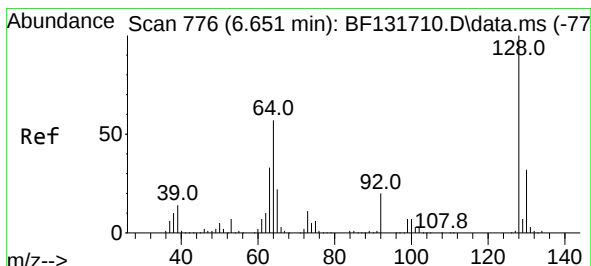
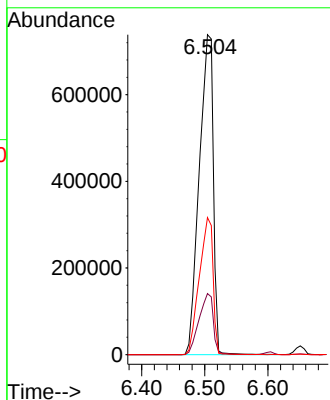
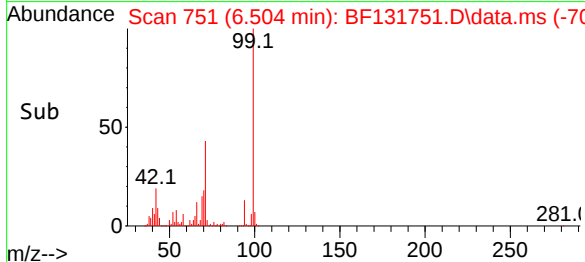
Instrument :
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Tgt Ion: 99 Resp: 113777
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 42.9 33.8 50.6

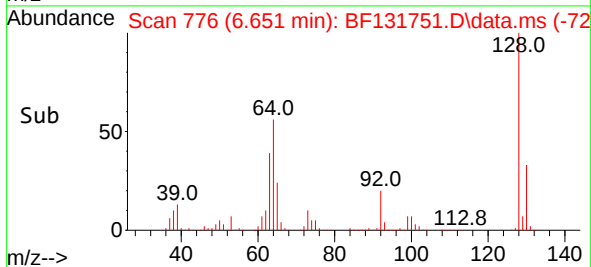
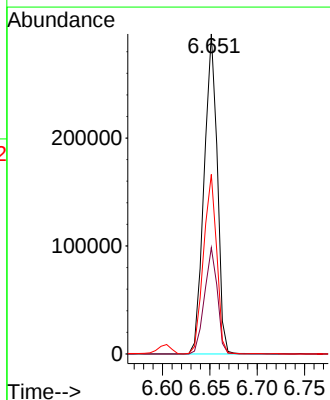
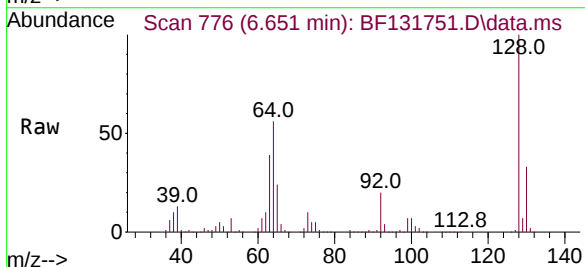
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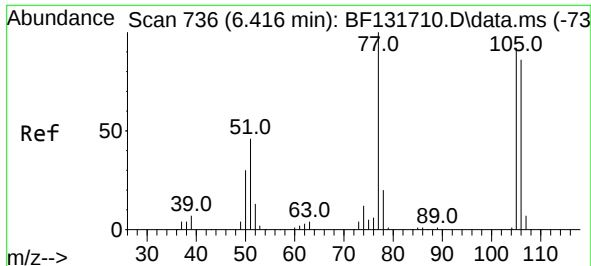
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#8
2-Chlorophenol
Concen: 50.055 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:128 Resp: 287570
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 56.1 37.7 77.7





#9

Benzaldehyde

Concen: 32.273 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

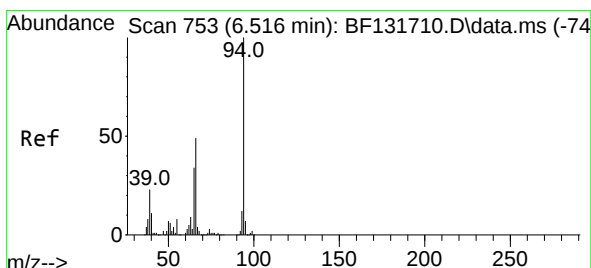
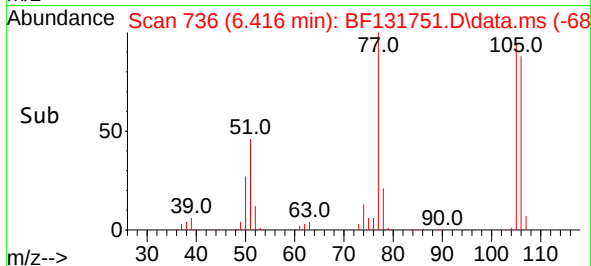
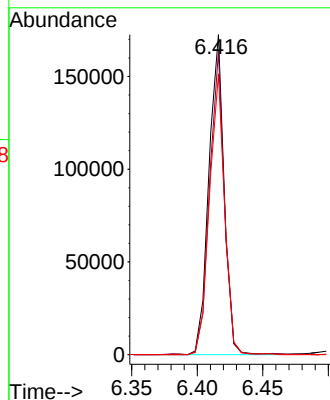
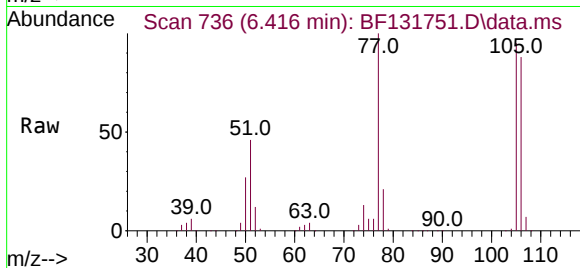
PB149739BS

Tgt Ion:	77	Resp:	139425
Ion Ratio	Lower	Upper	
77	100		
105	94.7	72.4	112.4
106	87.7	66.5	106.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#10

Phenol

Concen: 46.044 ng

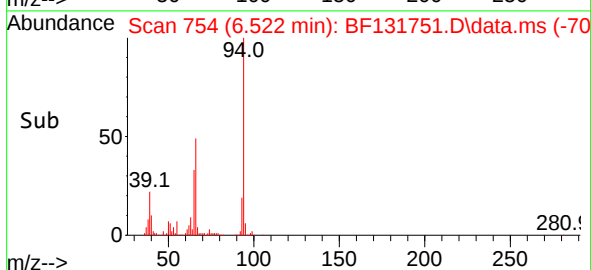
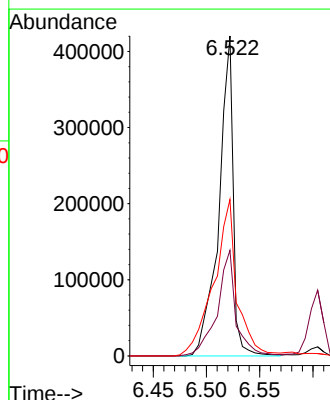
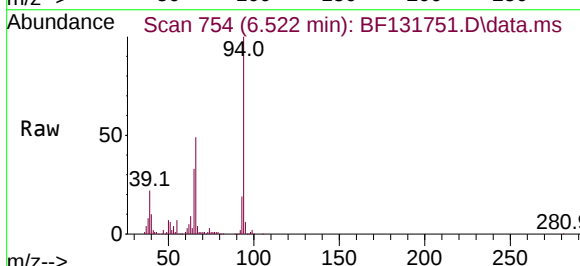
RT: 6.522 min Scan# 754

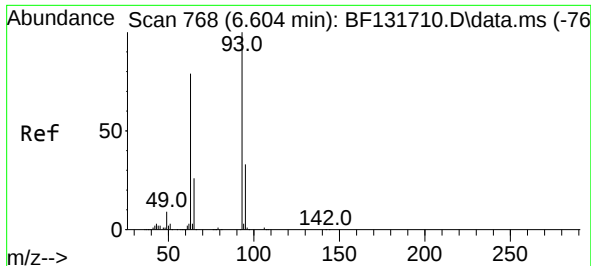
Delta R.T. 0.006 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Tgt Ion:	94	Resp:	395781
Ion Ratio	Lower	Upper	
94	100		
65	33.0	14.0	54.0
66	48.9	28.8	68.8





#11

bis(2-Chloroethyl)ether

Concen: 51.917 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

Tgt Ion: 93 Resp: 319348

Ion Ratio Lower Upper

93 100

63 76.9 59.0 99.0

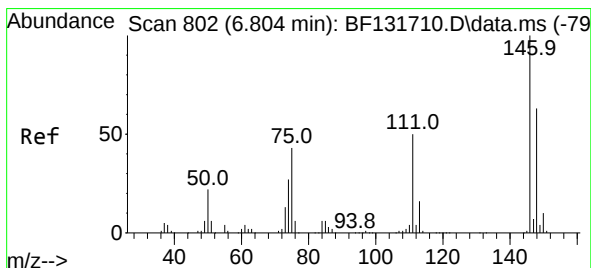
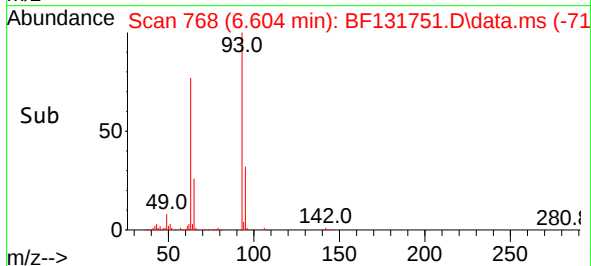
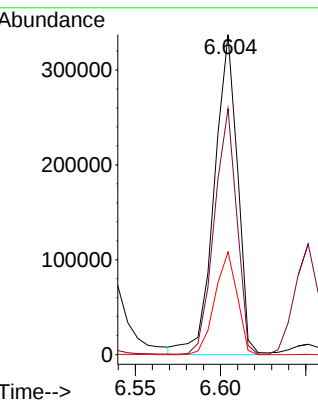
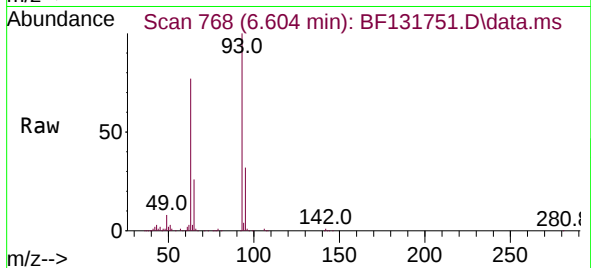
95 32.1 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#12

1,3-Dichlorobenzene

Concen: 48.099 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

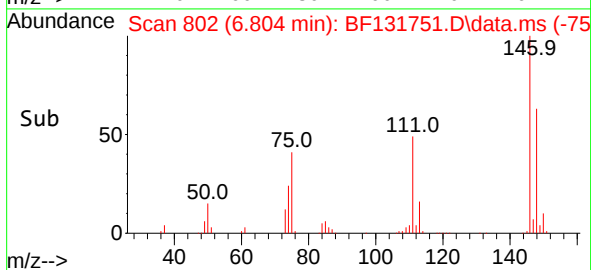
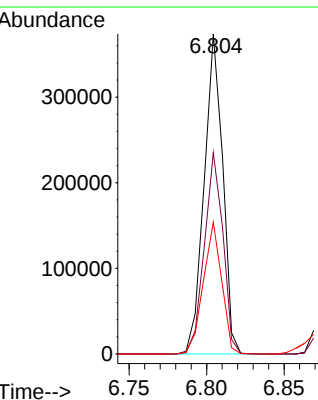
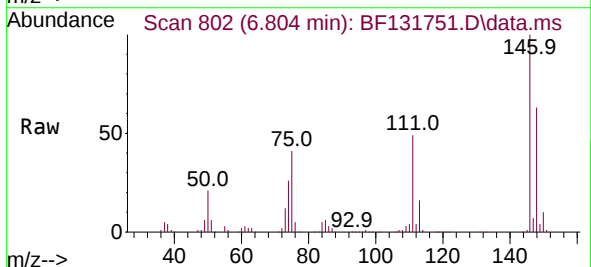
Tgt Ion:146 Resp: 312366

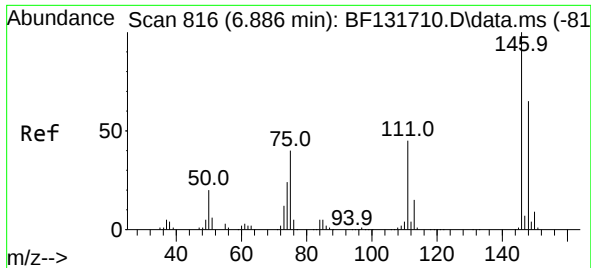
Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

75 41.2 34.3 51.5





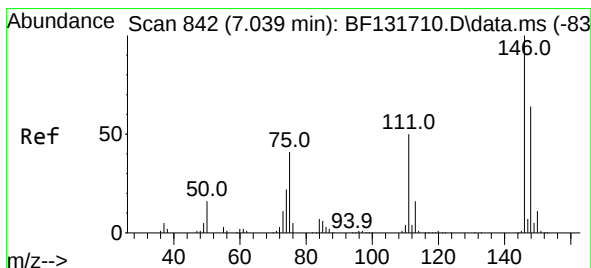
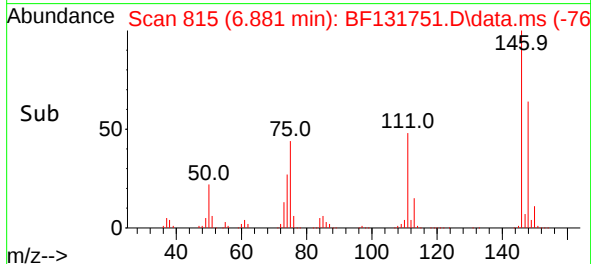
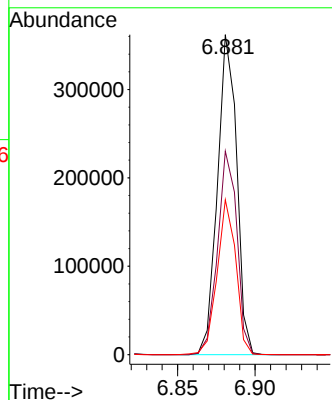
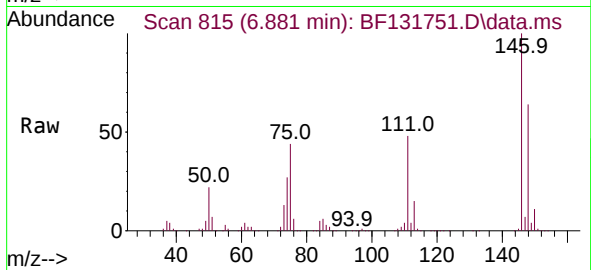
#13
1,4-Dichlorobenzene
Concen: 47.120 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
Client SampleId :
PB149739BS

Tgt Ion:146 Resp: 312791
Ion Ratio Lower Upper
146 100
148 63.6 52.2 78.4
111 48.4 36.4 54.6

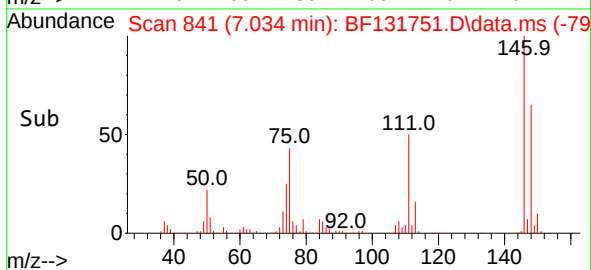
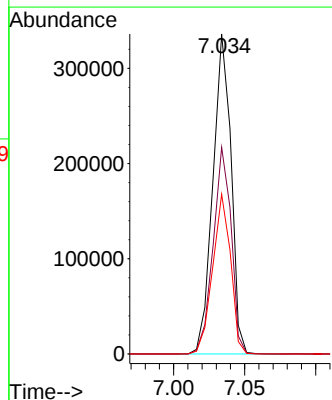
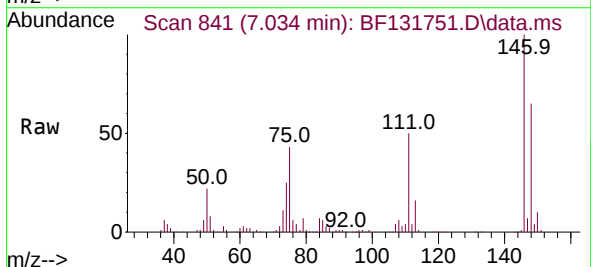
Manual Integrations
APPROVED

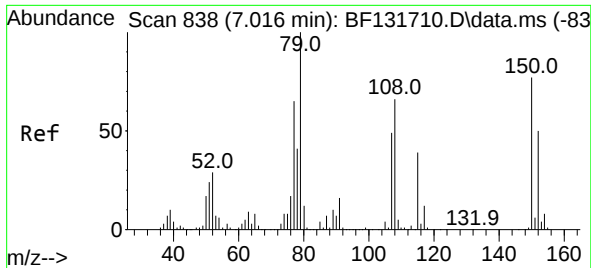
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#14
1,2-Dichlorobenzene
Concen: 47.940 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

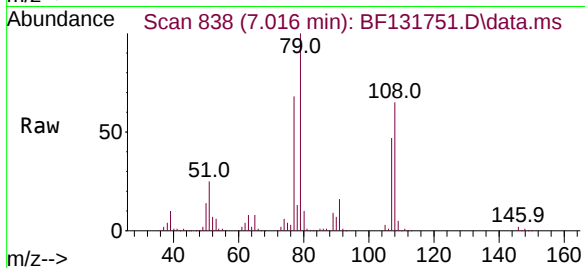
Tgt Ion:146 Resp: 297963
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 49.9 39.8 59.6





#15
Benzyl Alcohol
Concen: 44.857 ng m
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

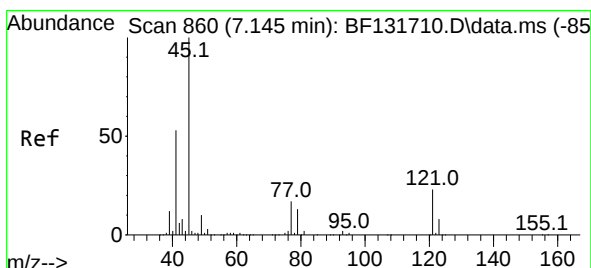
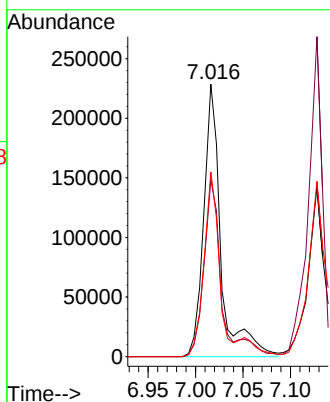
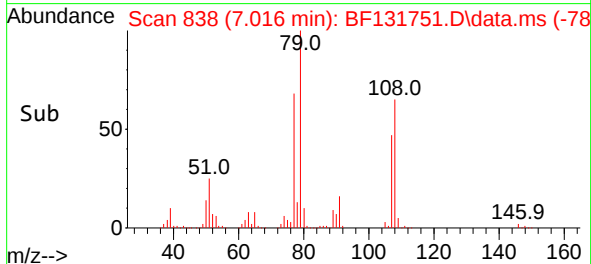
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion: 79 Resp: 288447
Ion Ratio Lower Upper
79 100
108 64.9 52.6 78.8
77 67.8 51.7 77.5

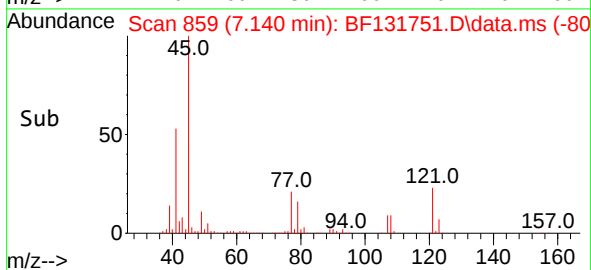
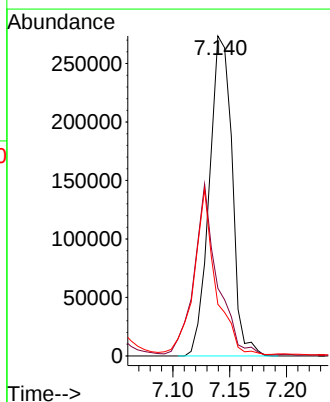
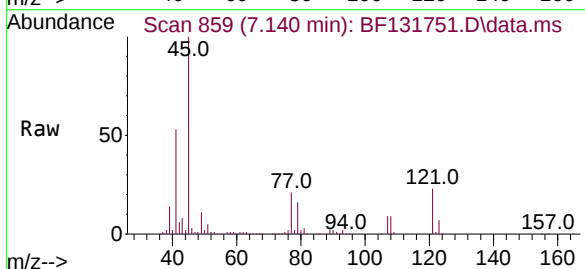
Manual Integrations
APPROVED

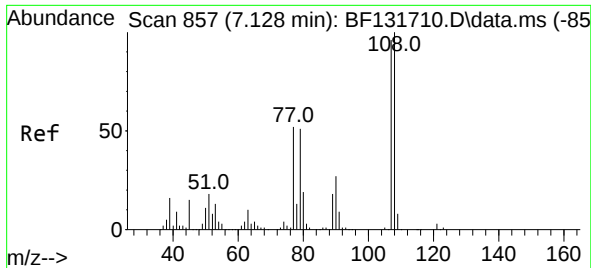
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.541 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

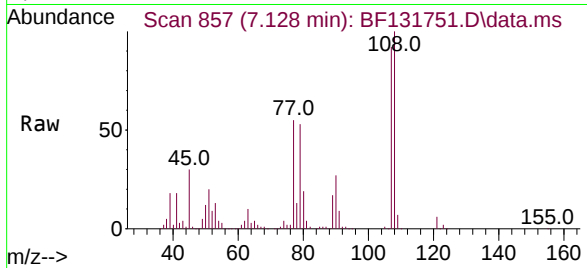
Tgt Ion: 45 Resp: 380721
Ion Ratio Lower Upper
45 100
77 21.1 0.0 36.8
79 16.1 0.0 33.1





#17
2-Methylphenol
Concen: 46.858 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

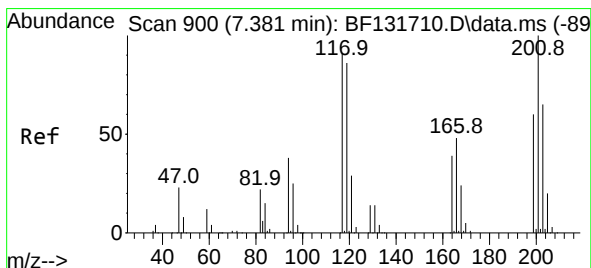
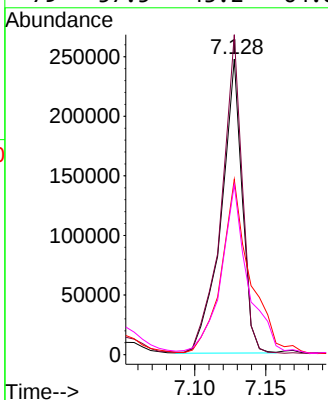
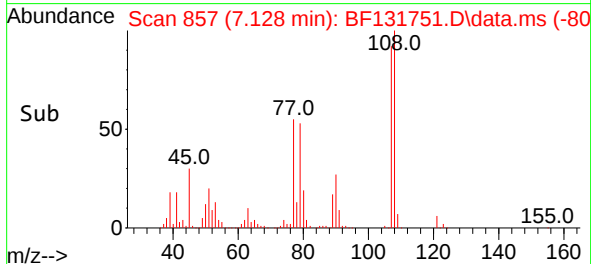
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:107 Resp: 254138
Ion Ratio Lower Upper
107 100
108 108.2 83.8 125.6
77 59.2 43.8 65.8
79 57.5 43.2 64.8

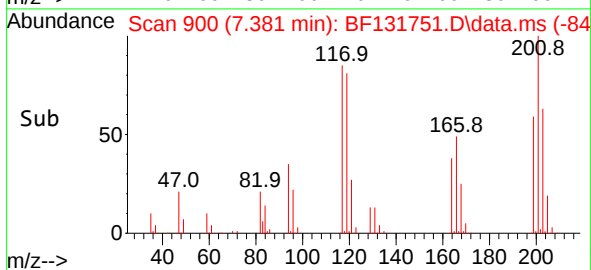
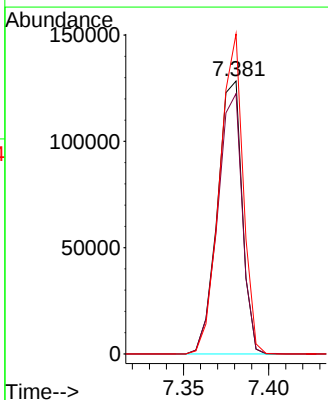
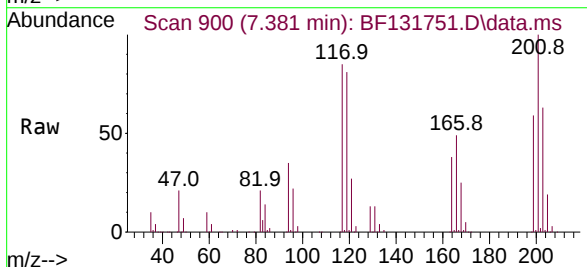
Manual Integrations
APPROVED

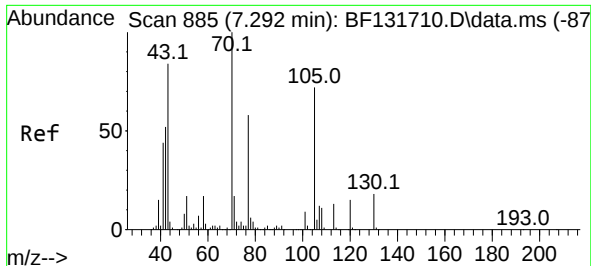
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#18
Hexachloroethane
Concen: 49.166 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:117 Resp: 129379
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 117.3 88.2 132.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.326 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

Tgt Ion: 70 Resp: 245732

Ion Ratio Lower Upper

70 100

42 54.0 41.5 62.3

101 9.4 7.3 10.9

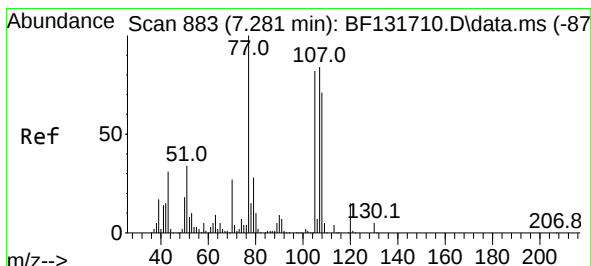
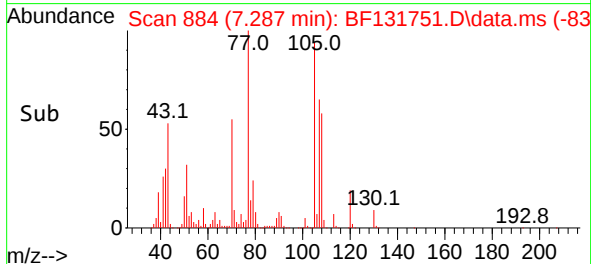
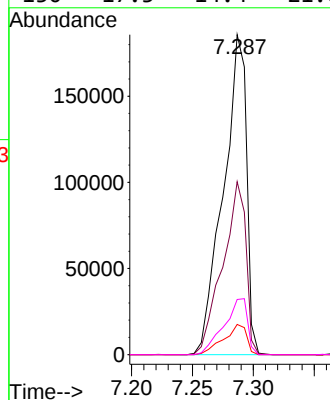
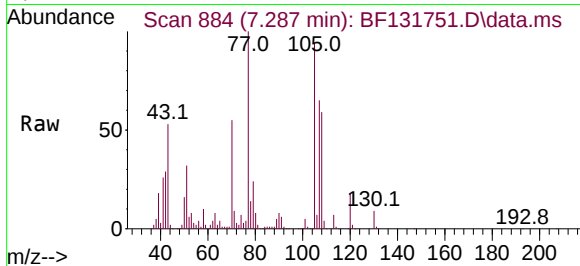
130 17.3 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#20

3+4-Methylphenols

Concen: 46.665 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Tgt Ion:107 Resp: 325735

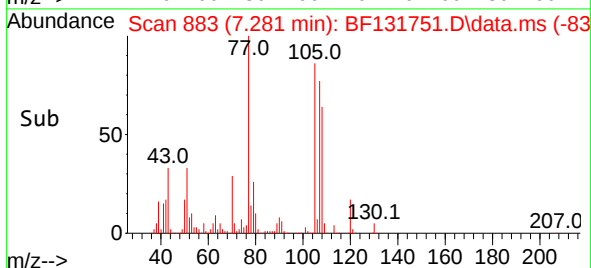
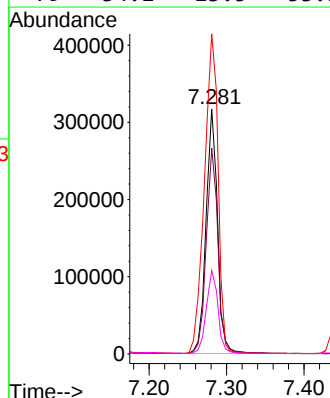
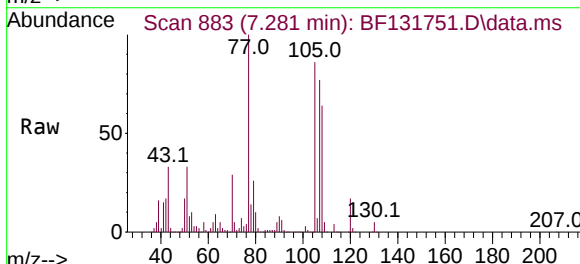
Ion Ratio Lower Upper

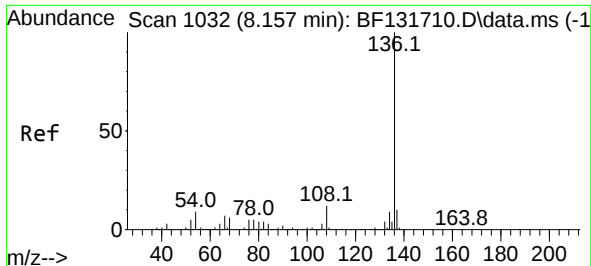
107 100

108 84.0 65.2 105.2

77 130.7 99.6 139.6

79 34.1 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

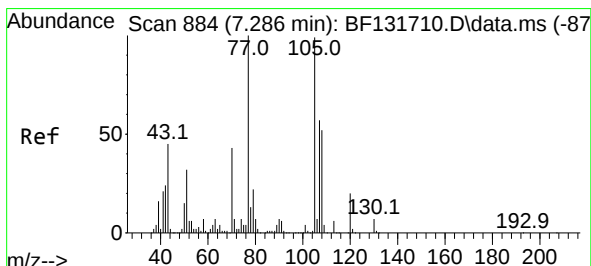
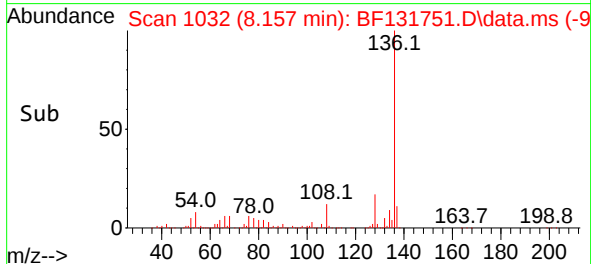
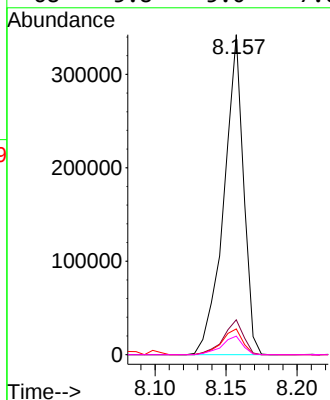
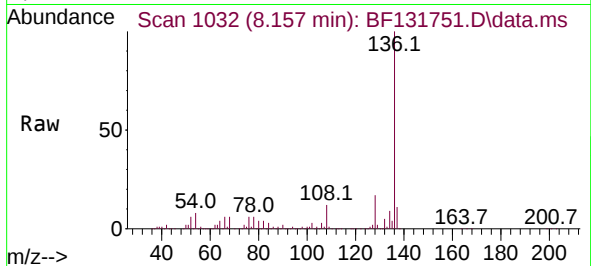
ClientSampleId :

PB149739BS

Tgt Ion:136 Resp: 328210
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.0 7.2 10.8
68 5.8 5.0 7.6

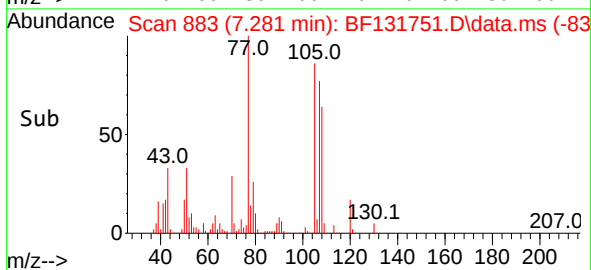
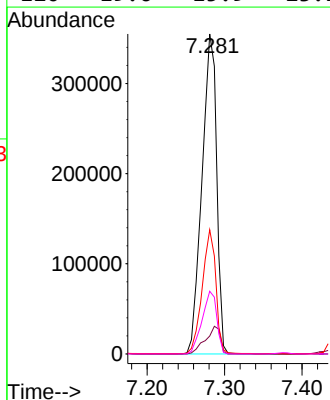
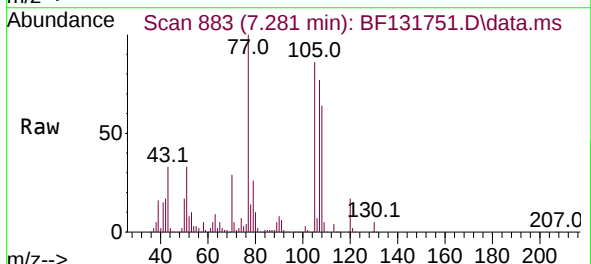
Manual Integrations
APPROVED

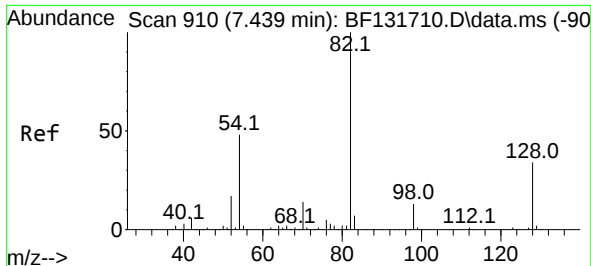
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#22
Acetophenone
Concen: 48.703 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:105 Resp: 466484
Ion Ratio Lower Upper
105 100
71 5.6 5.5 8.3
51 38.8 25.5 38.3#
120 19.6 15.9 23.9





#23

Nitrobenzene-d5

Concen: 98.248 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

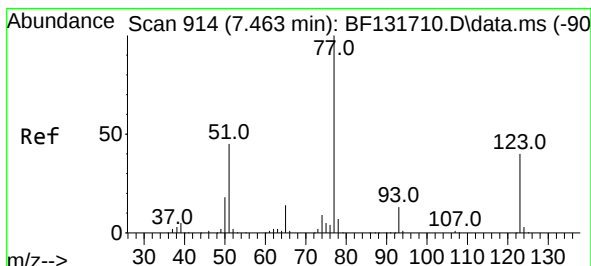
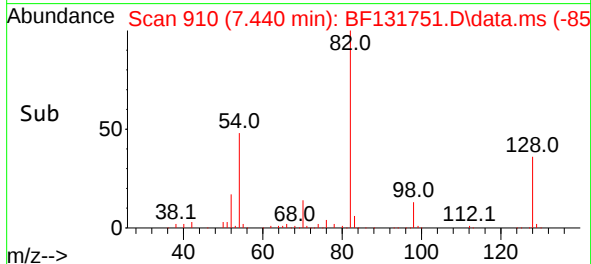
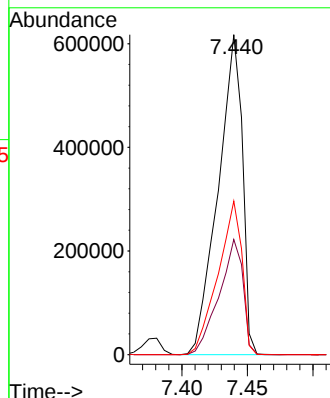
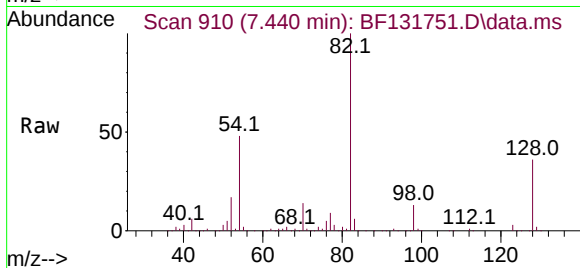
Tgt Ion: 82 Resp: 794310

Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.3	40.9
54	48.0	38.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24

Nitrobenzene

Concen: 46.662 ng

RT: 7.457 min Scan# 913

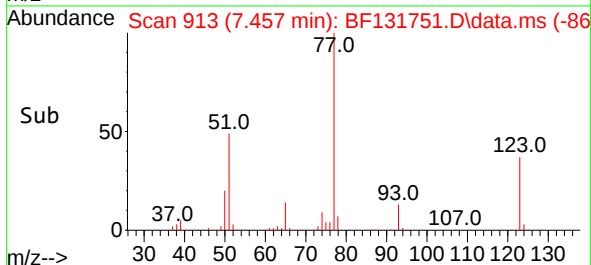
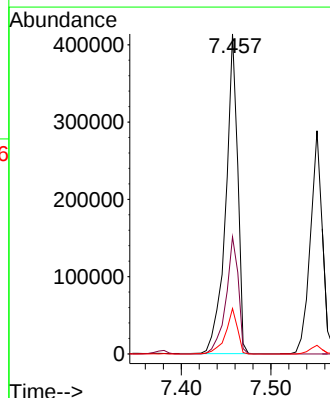
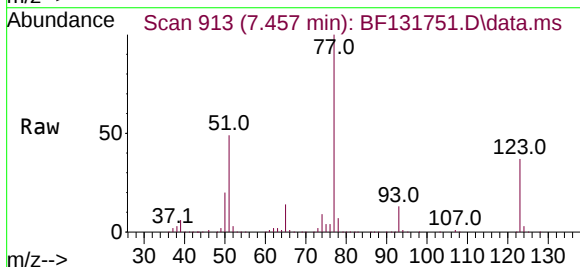
Delta R.T. -0.006 min

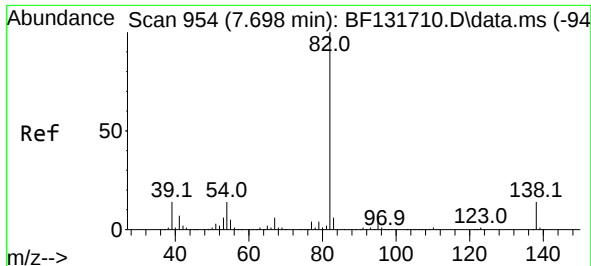
Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Tgt Ion: 77 Resp: 383522

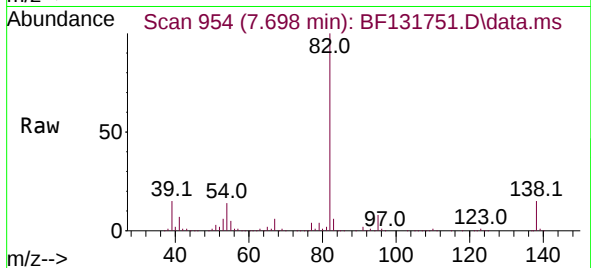
Ion	Ratio	Lower	Upper
77	100		
123	36.6	31.8	47.6
65	14.2	10.9	16.3





#25
Isophorone
Concen: 49.858 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

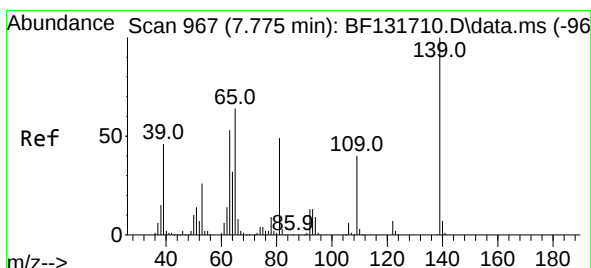
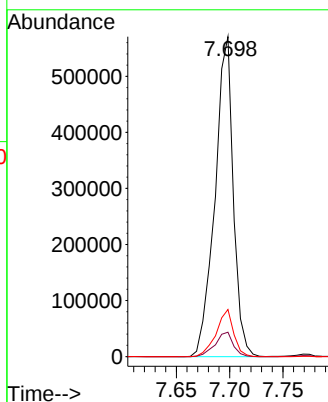
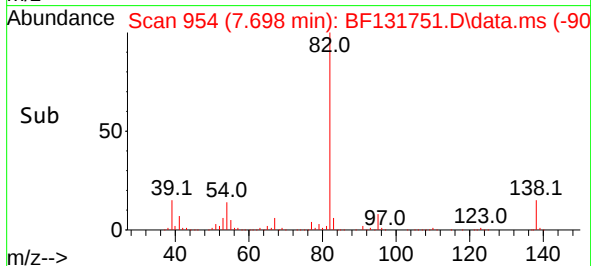
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion: 82 Resp: 684548
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 14.7 11.6 17.4

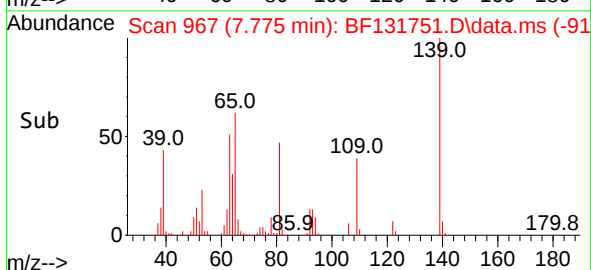
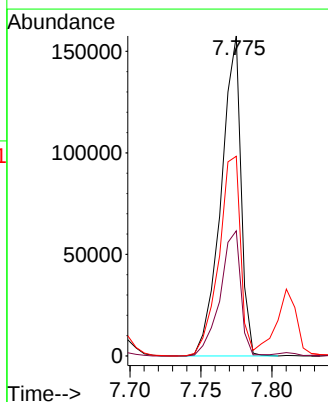
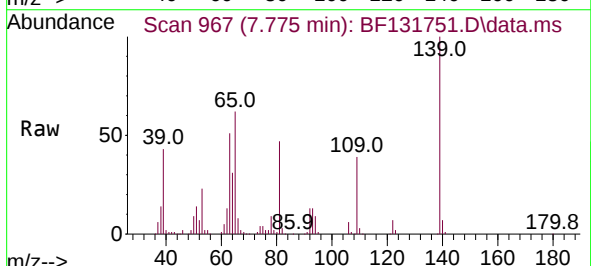
Manual Integrations
APPROVED

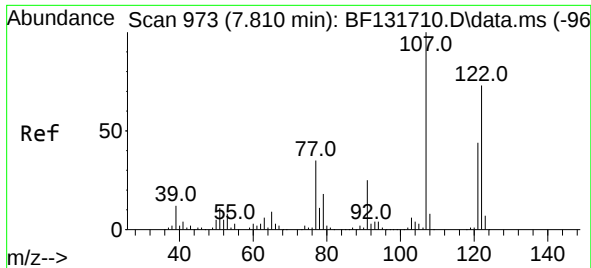
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 47.897 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

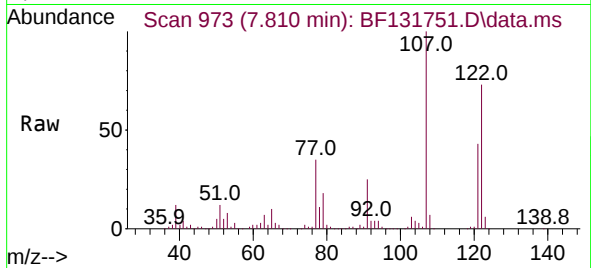
Tgt Ion:139 Resp: 153851
Ion Ratio Lower Upper
139 100
109 39.1 31.8 47.6
65 62.4 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 59.261 ng
RT: 7.810 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

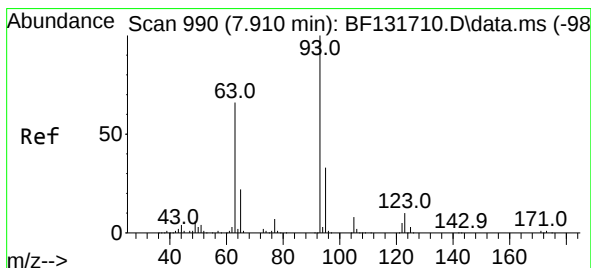
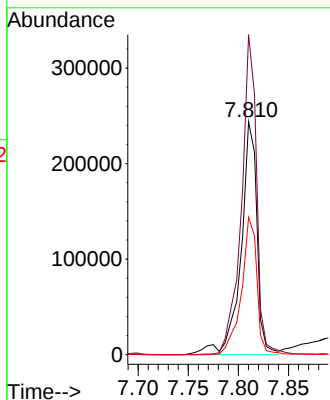
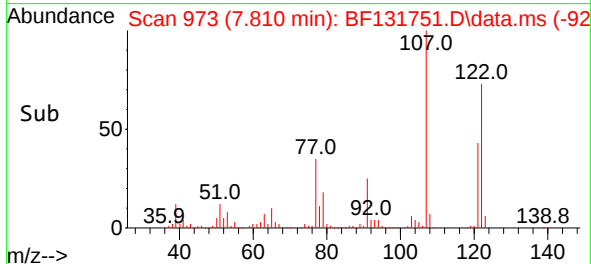
Instrument :
BNA_F
ClientSampleId :
PB149739BS



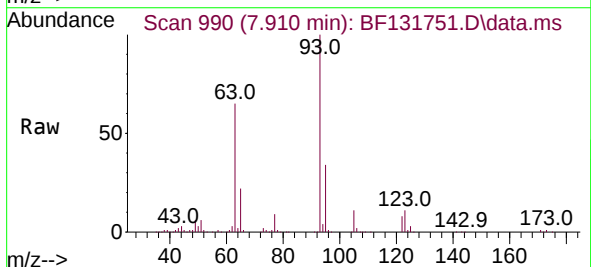
Tgt Ion:122 Resp: 27111
Ion Ratio Lower Upper
122 100
107 137.4 110.1 165.1
121 59.1 47.9 71.9

Manual Integrations
APPROVED

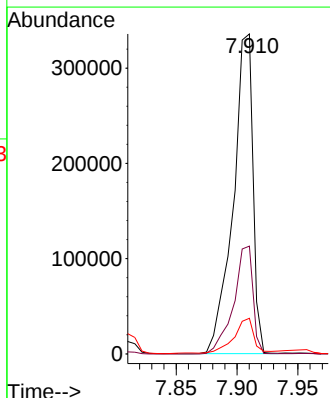
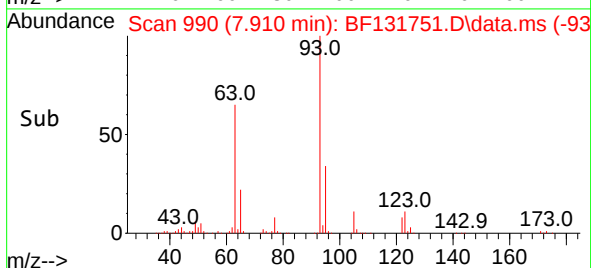
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

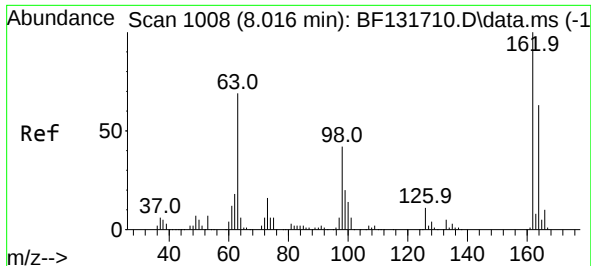


#28
bis(2-Chloroethoxy)methane
Concen: 52.156 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



Tgt Ion: 93 Resp: 380270
Ion Ratio Lower Upper
93 100
95 33.7 26.0 39.0
123 11.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 47.405 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

Tgt Ion:162 Resp: 261818

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

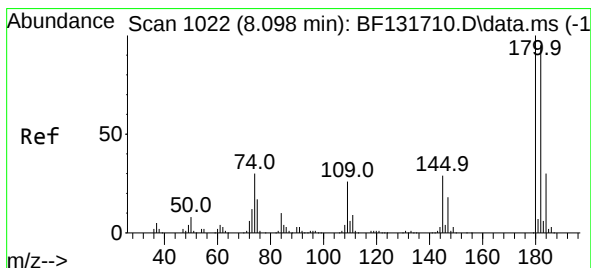
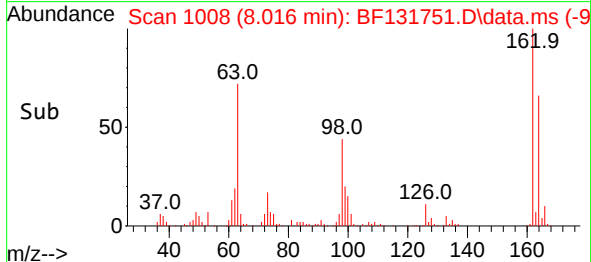
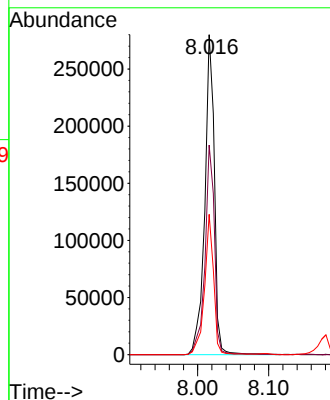
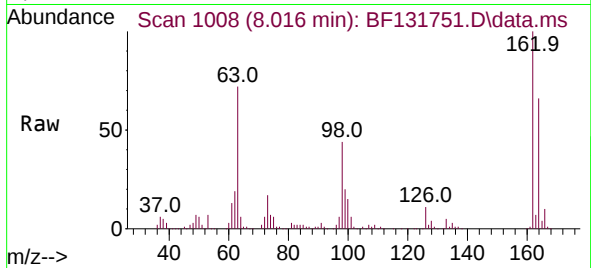
98 43.8 21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.280 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

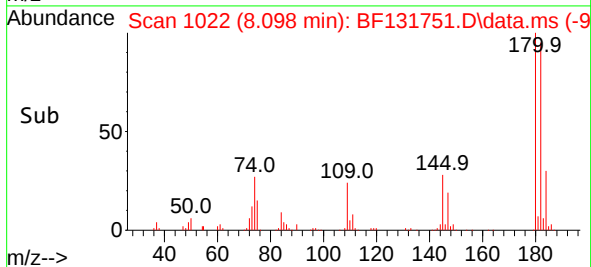
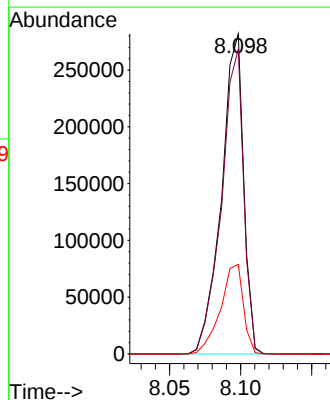
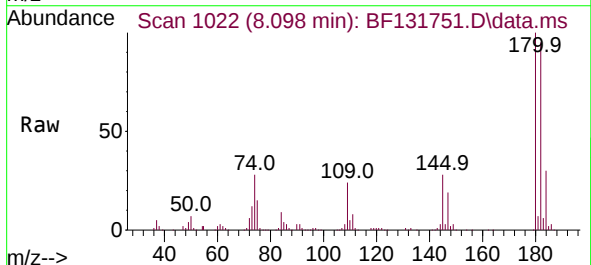
Tgt Ion:180 Resp: 306986

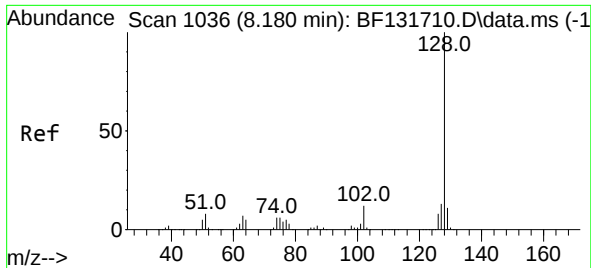
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 28.0 23.4 35.0





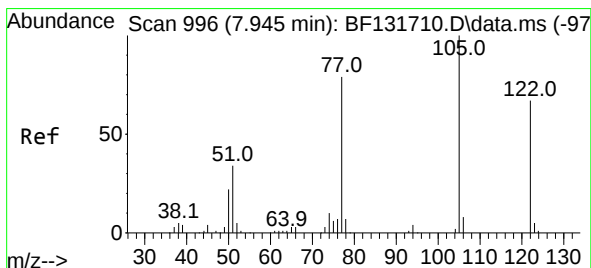
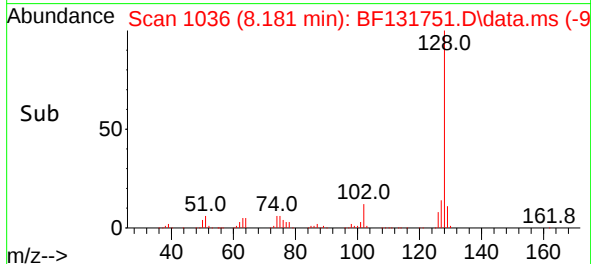
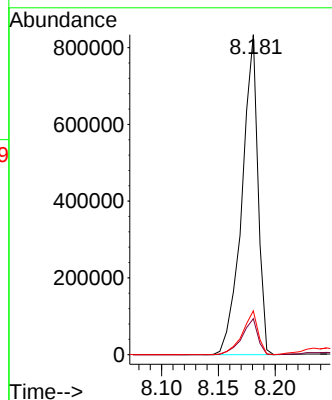
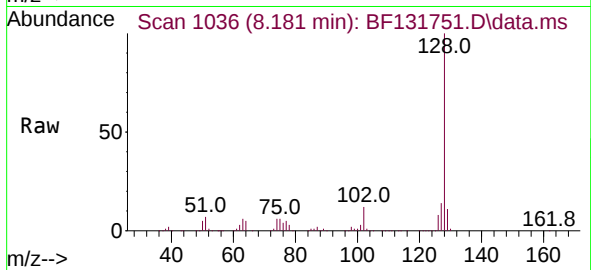
#31
Naphthalene
Concen: 45.516 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Tgt Ion:128 Resp: 815855
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.7 10.6 15.8

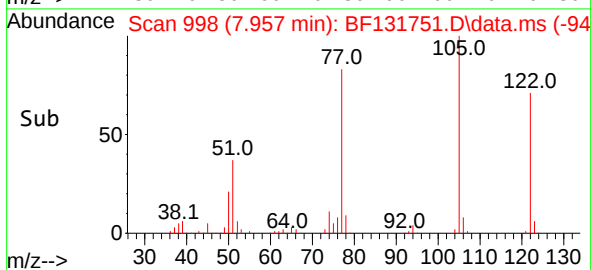
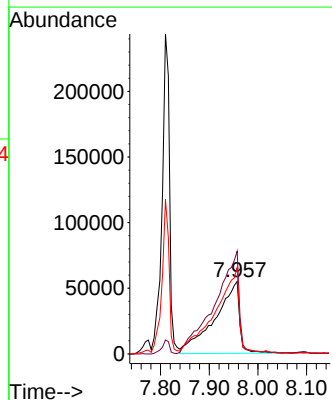
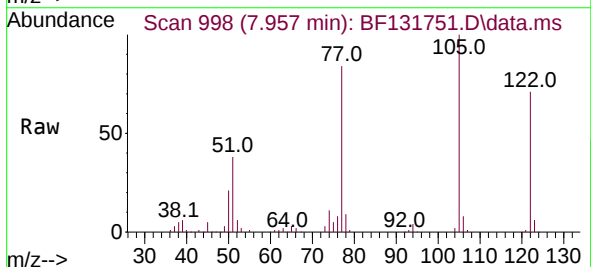
Manual Integrations
APPROVED

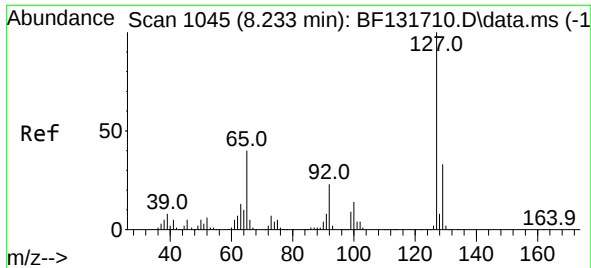
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#32
Benzoic acid
Concen: 52.610 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:122 Resp: 192664
Ion Ratio Lower Upper
122 100
105 141.7 125.1 165.1
77 119.3 95.3 135.3





#33
4-Chloroaniline
Concen: 6.166 ng
RT: 8.245 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

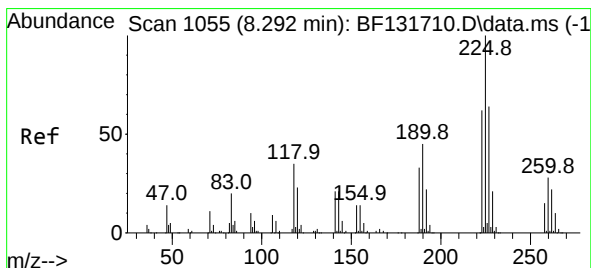
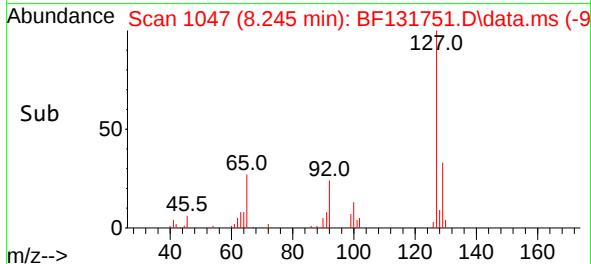
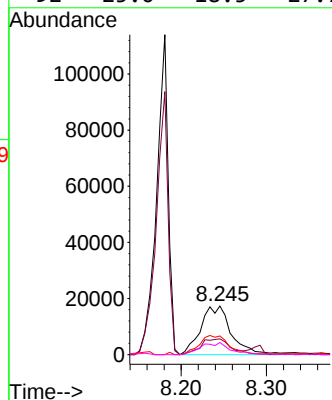
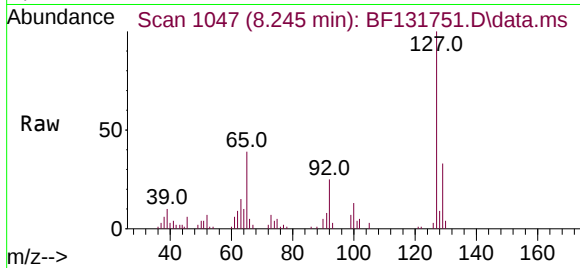
PB149739BS

Tgt Ion:127 Resp: 43103
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 38.5 31.8 47.6
92 25.0 18.5 27.7

Manual Integrations

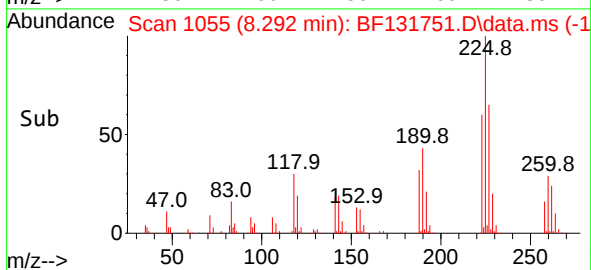
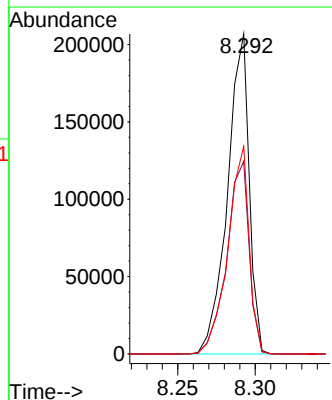
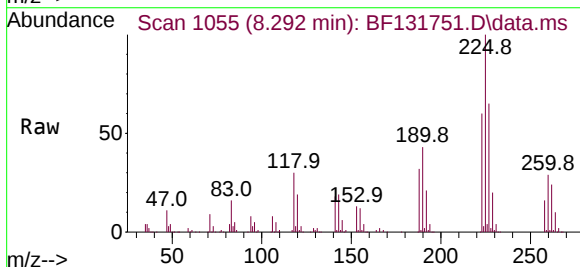
APPROVED

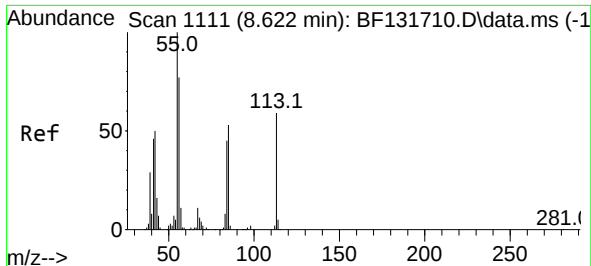
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 46.086 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

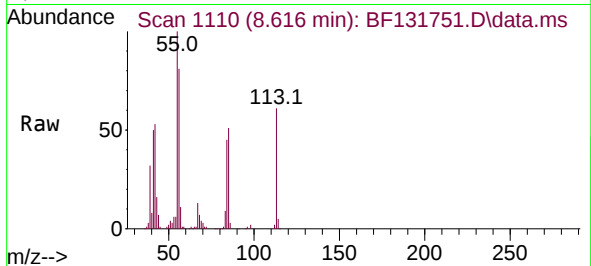
Tgt Ion:225 Resp: 201323
Ion Ratio Lower Upper
225 100
223 60.1 49.5 74.3
227 64.9 51.0 76.4





#35
Caprolactam
Concen: 45.584 ng m
RT: 8.616 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

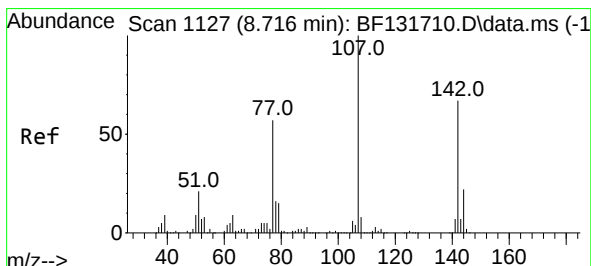
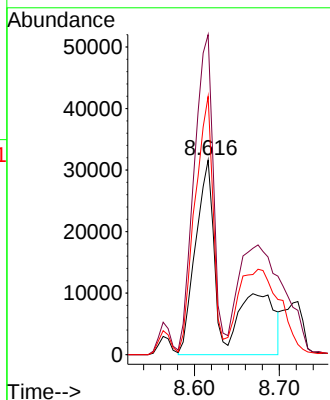
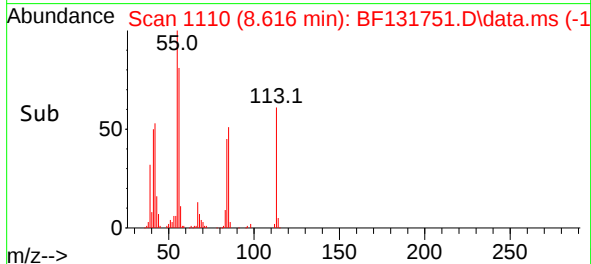
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:113 Resp: 75914
Ion Ratio Lower Upper
113 100
55 164.6 149.0 189.0
56 132.8 109.5 149.5

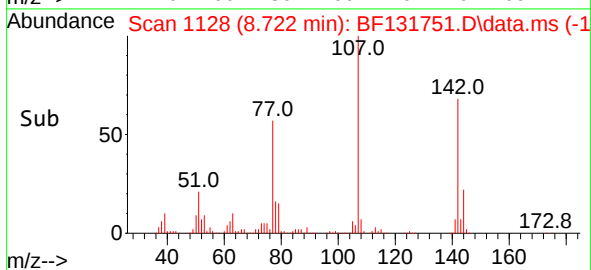
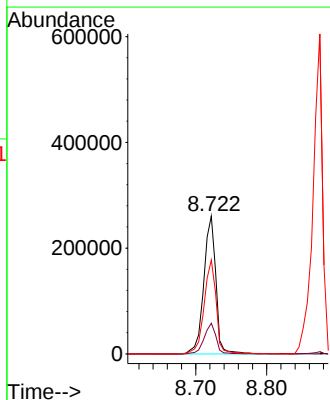
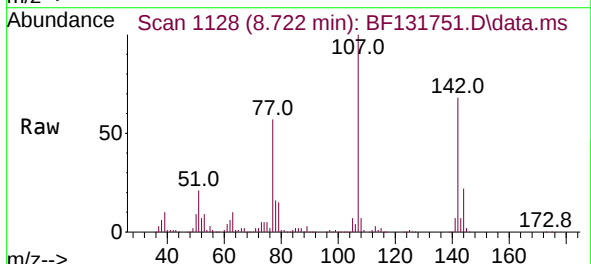
Manual Integrations
APPROVED

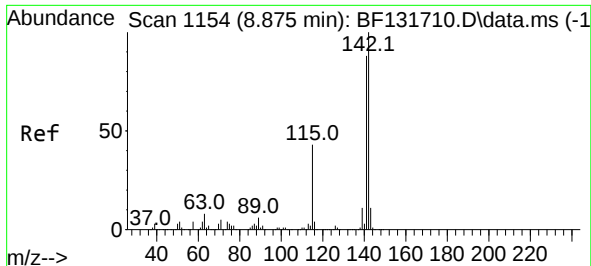
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 48.646 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:107 Resp: 306915
Ion Ratio Lower Upper
107 100
144 22.2 17.5 26.3
142 68.1 53.4 80.0





#37
2-Methylnaphthalene
Concen: 45.893 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

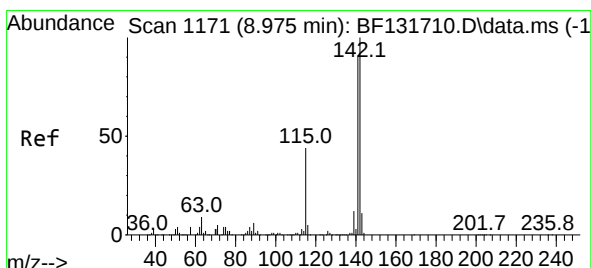
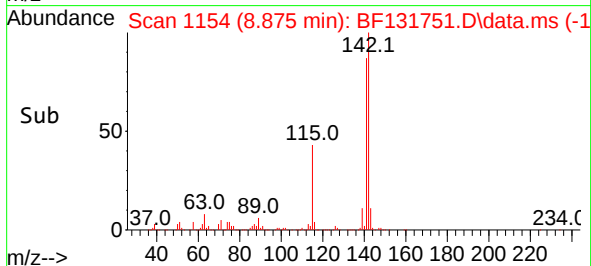
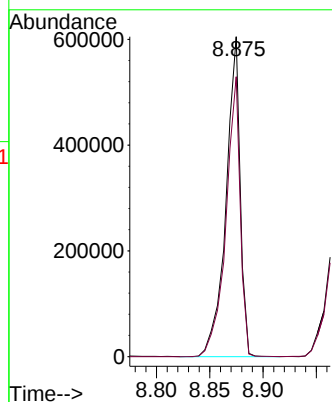
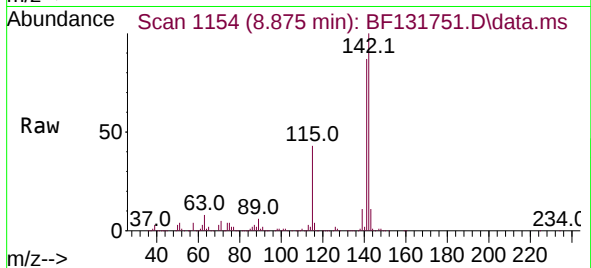
PB149739BS

Tgt Ion:142 Resp: 561119
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6

Manual Integrations

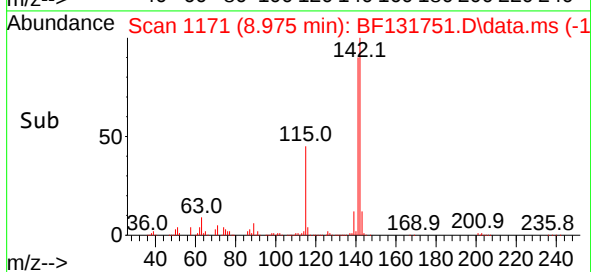
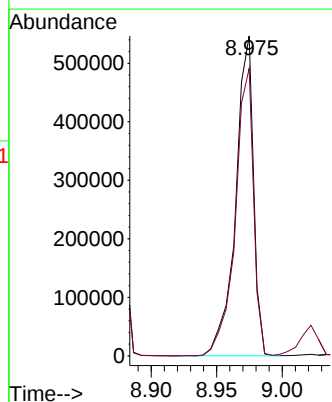
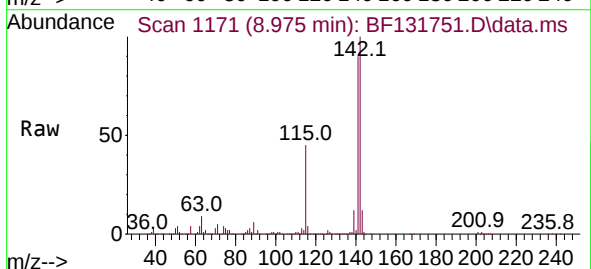
APPROVED

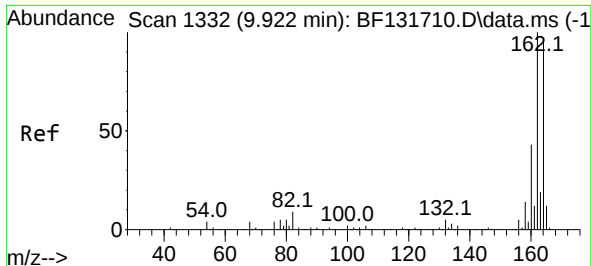
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#38
1-Methylnaphthalene
Concen: 43.711 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:142 Resp: 517625
Ion Ratio Lower Upper
142 100
141 89.9 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF131751.D

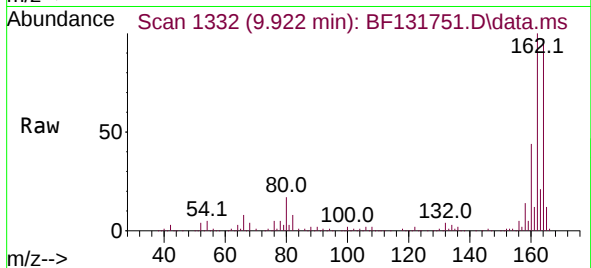
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS



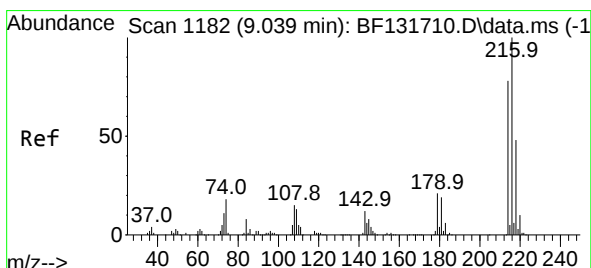
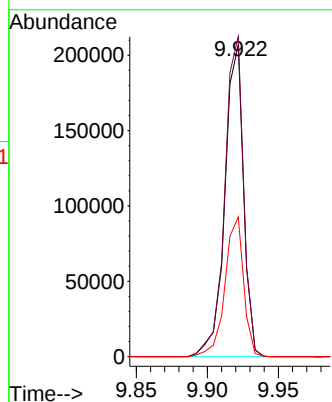
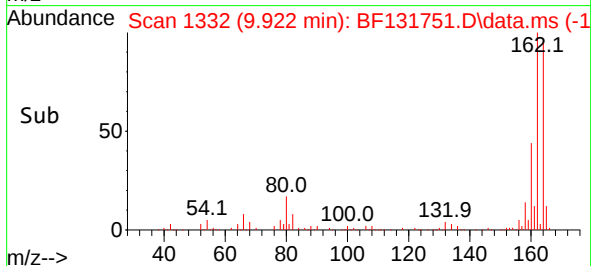
Tgt Ion:164 Resp: 190008

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.7	125.5
160	44.7	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#40

1,2,4,5-Tetrachlorobenzene

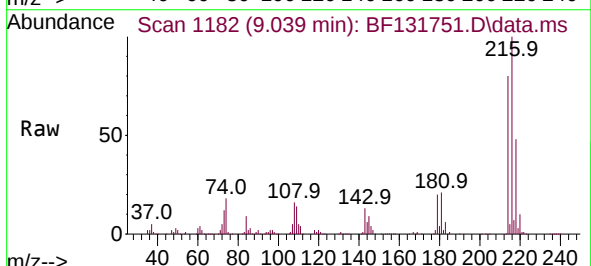
Concen: 49.515 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

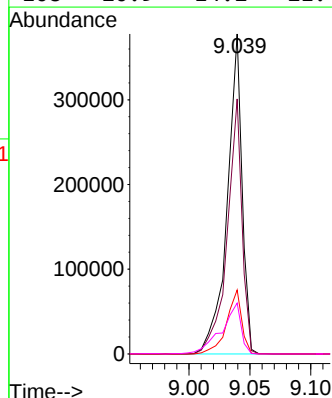
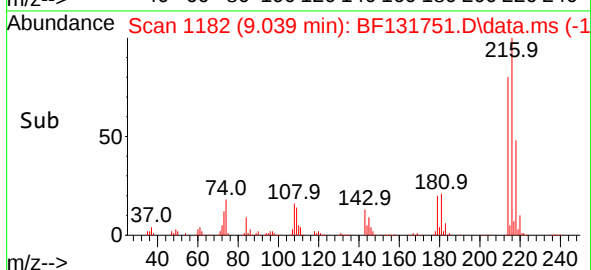
Lab File: BF131751.D

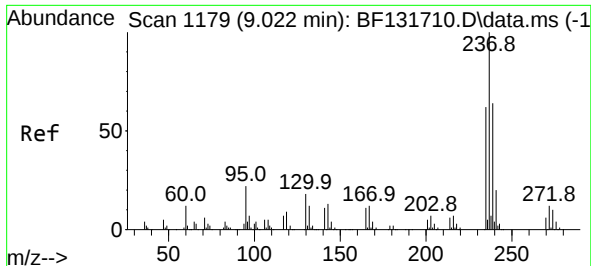
Acq: 21 Dec 2022 18:20



Tgt Ion:216 Resp: 321881

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.9	94.3
179	20.3	16.3	24.5
108	20.9	14.2	21.4





#41
Hexachlorocyclopentadiene
Concen: 146.580 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

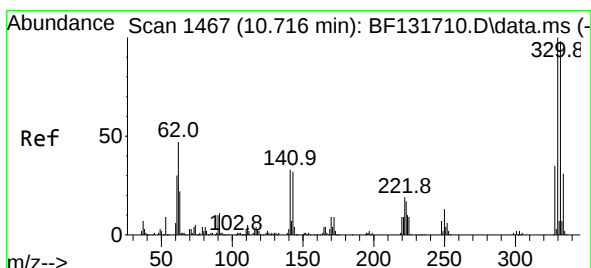
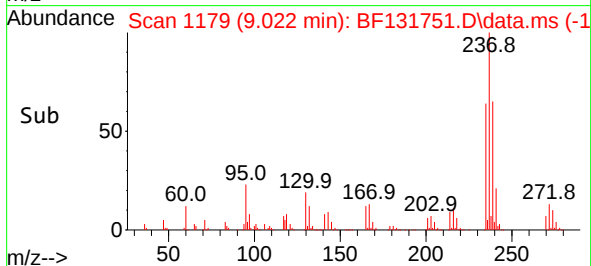
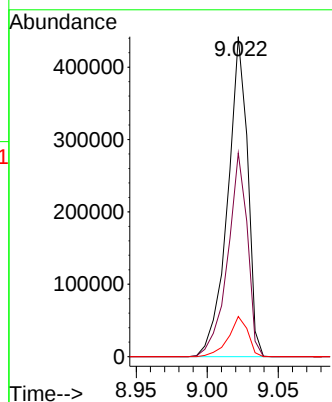
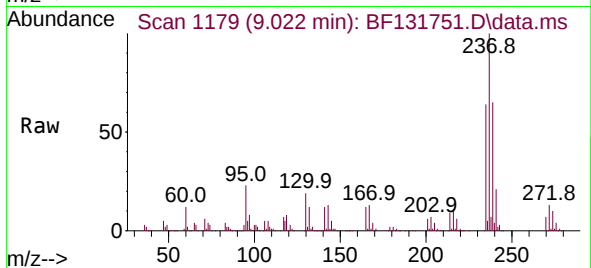
PB149739BS

Tgt Ion:237 Resp: 431707
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 12.5 0.0 31.7

Manual Integrations

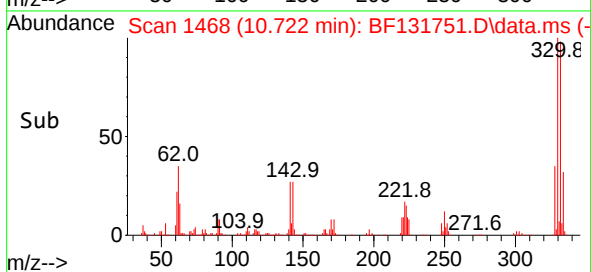
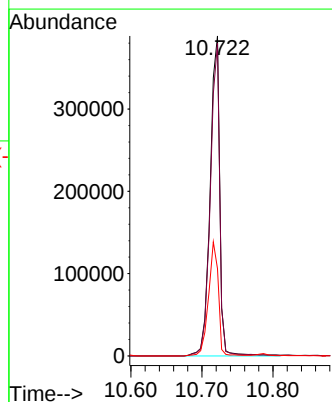
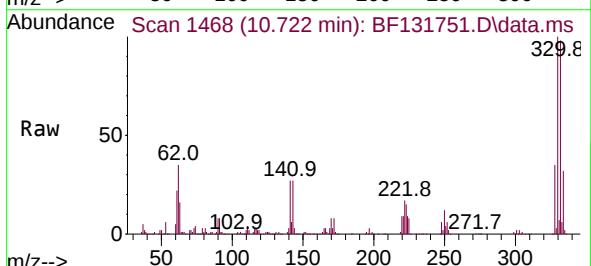
APPROVED

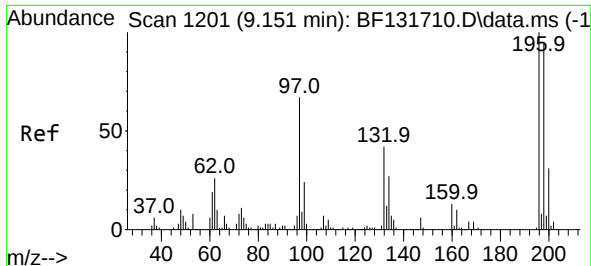
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#42
2,4,6-Tribromophenol
Concen: 173.943 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:330 Resp: 361751
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.5 30.4 45.6





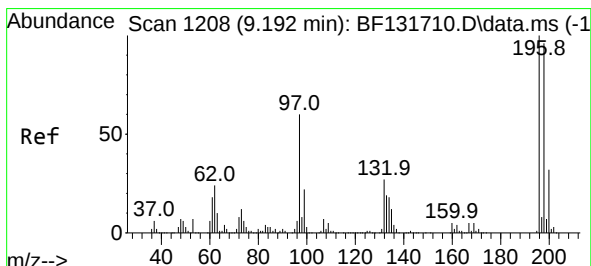
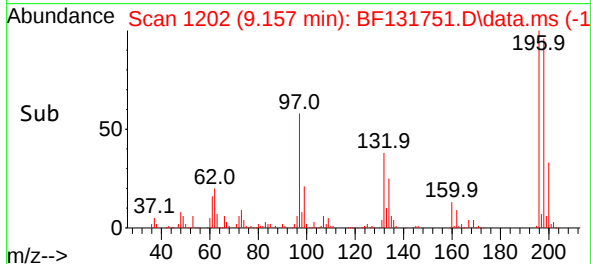
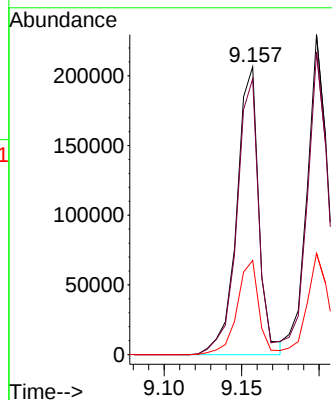
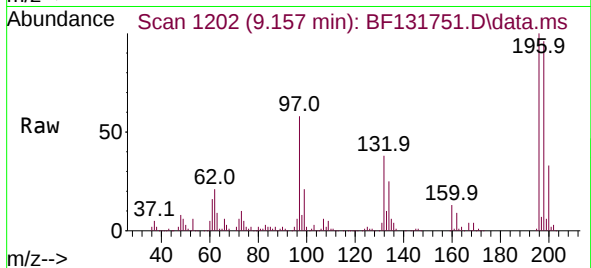
#43
2,4,6-Trichlorophenol
Concen: 48.280 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Tgt Ion:196 Resp: 205025
Ion Ratio Lower Upper
196 100
198 95.8 75.5 113.3
200 32.7 25.2 37.8

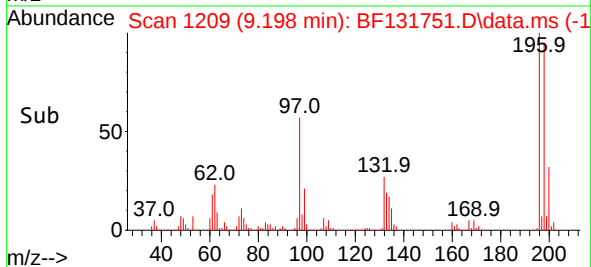
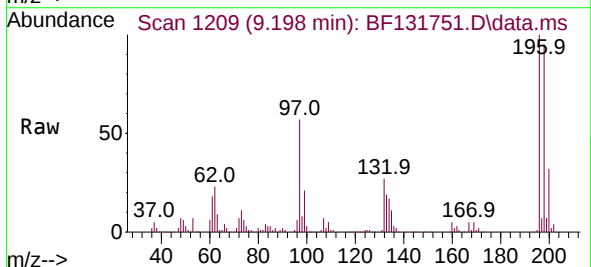
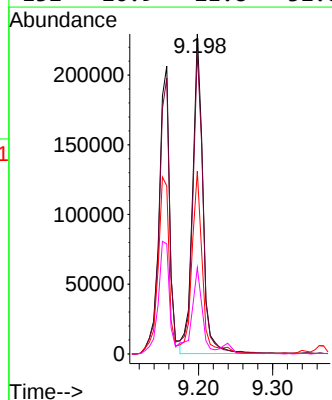
Manual Integrations
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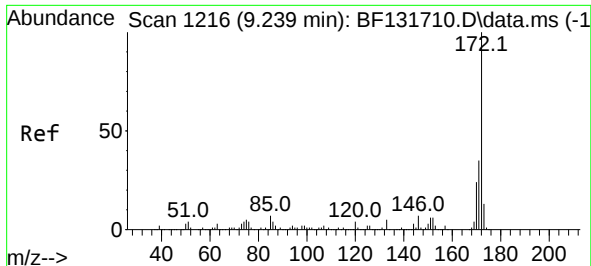
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#44
2,4,5-Trichlorophenol
Concen: 48.184 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:196 Resp: 221512
Ion Ratio Lower Upper
196 100
198 94.6 76.6 114.8
97 57.1 47.7 71.5
132 26.9 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 101.524 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

Tgt Ion:172 Resp: 1377069

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

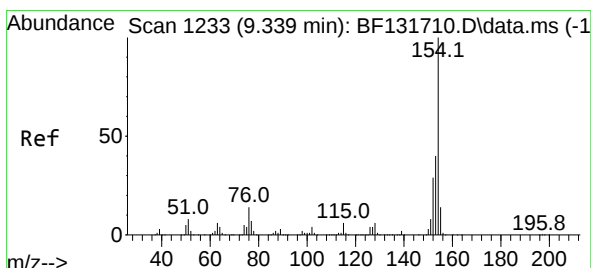
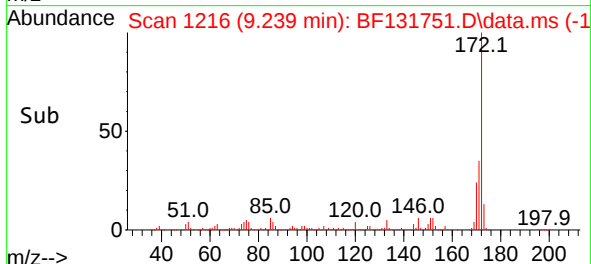
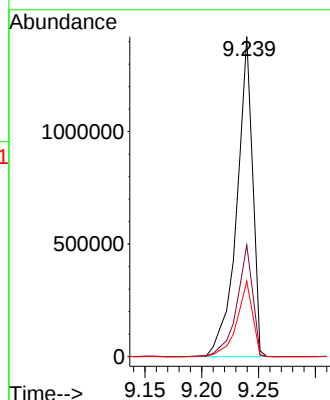
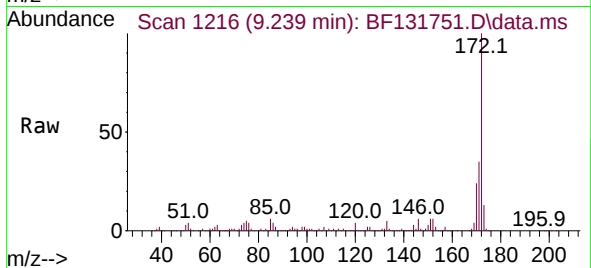
170 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#46

1,1'-Biphenyl

Concen: 49.942 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131751.D

Acq: 21 Dec 2022 18:20

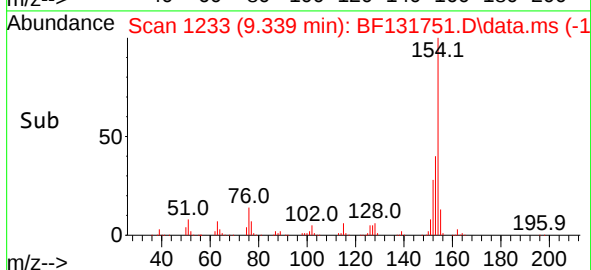
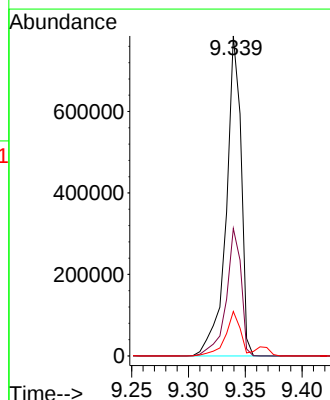
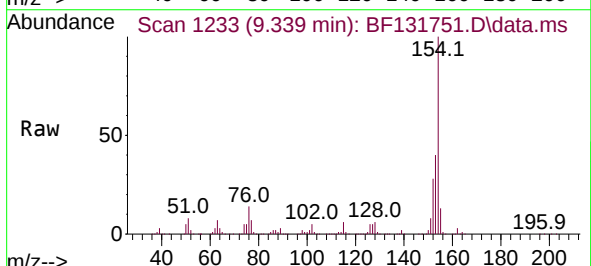
Tgt Ion:154 Resp: 713783

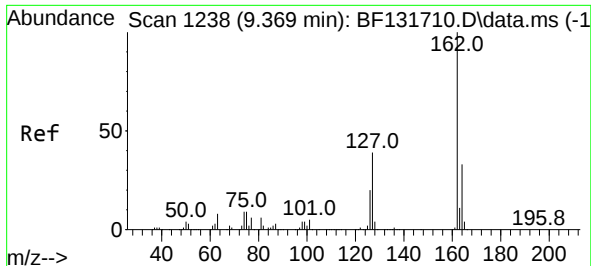
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

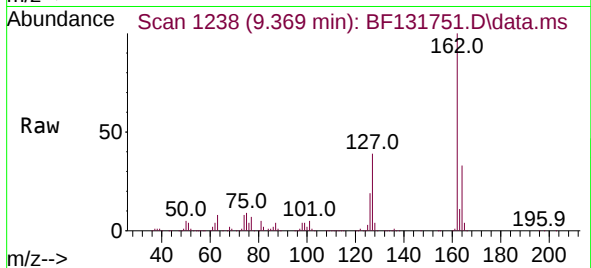
76 13.9 0.0 33.6





#47
2-Chloronaphthalene
Concen: 48.633 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

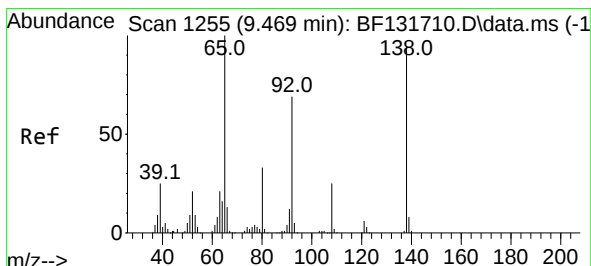
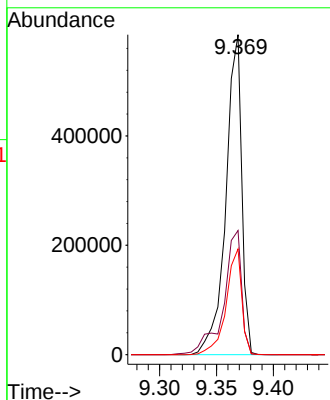
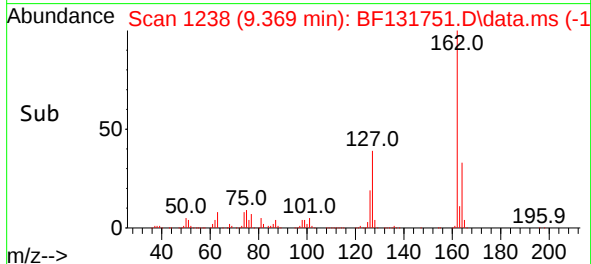
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:162 Resp: 569159
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.2
164 33.0 26.6 39.8

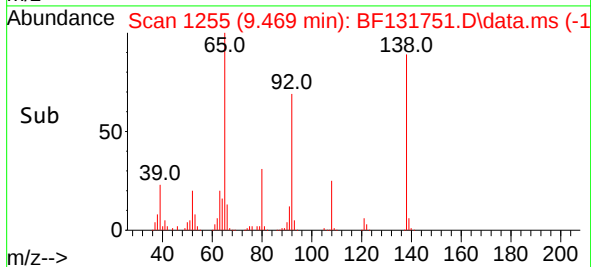
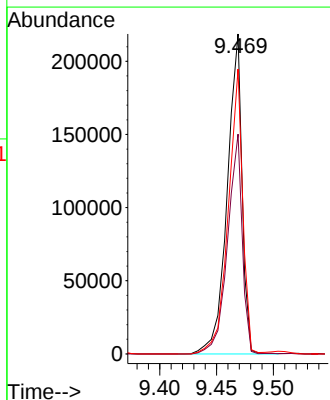
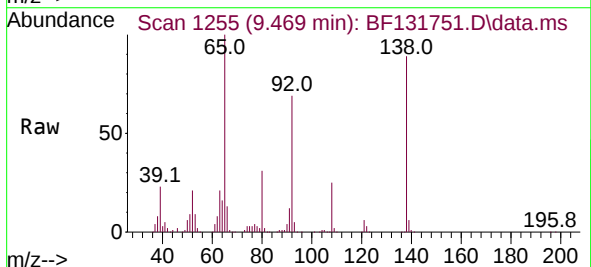
Manual Integrations
APPROVED

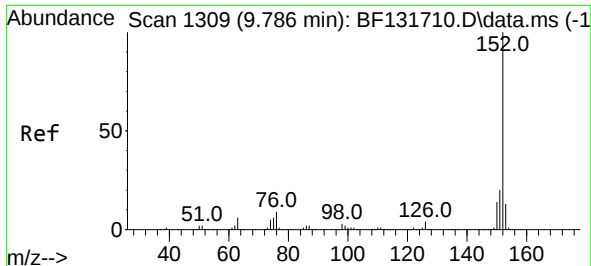
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#48
2-Nitroaniline
Concen: 47.181 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

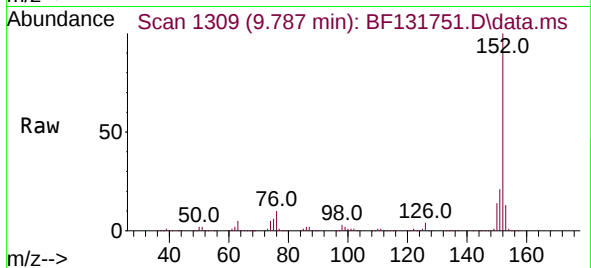
Tgt Ion: 65 Resp: 199018
Ion Ratio Lower Upper
65 100
92 68.7 55.5 83.3
138 89.0 74.8 112.2





#49
Acenaphthylene
Concen: 48.569 ng
RT: 9.787 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

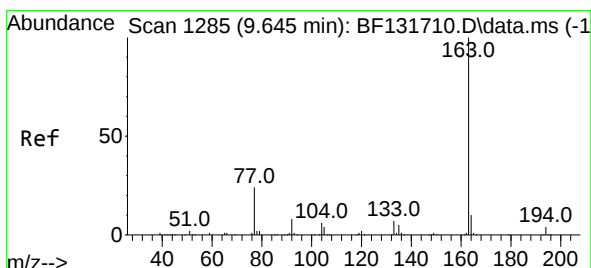
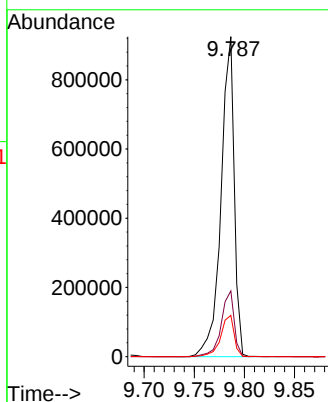
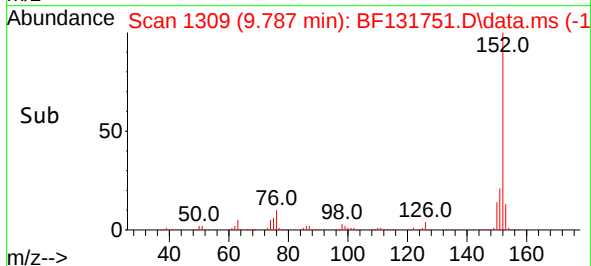
Instrument :
BNA_F
ClientSampleId :
PB149739BS



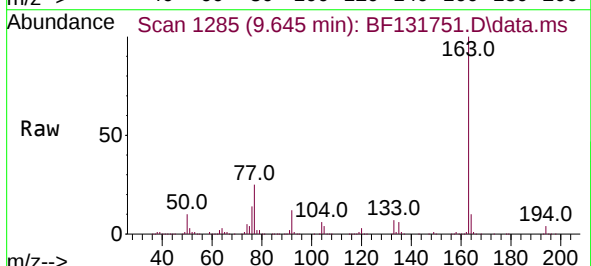
Tgt Ion:152 Resp: 85255
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 12.9 10.6 15.8

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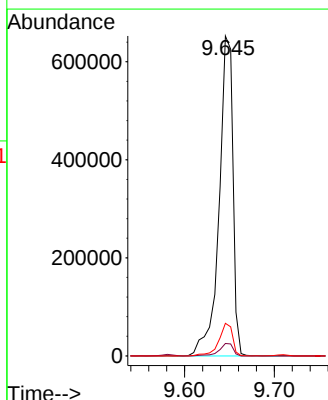
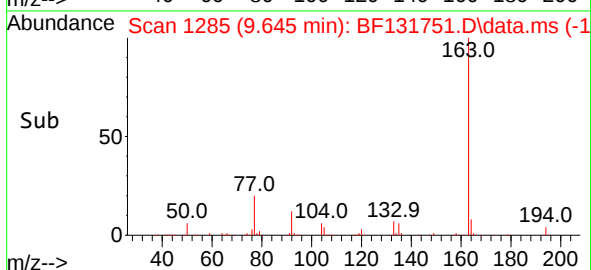
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

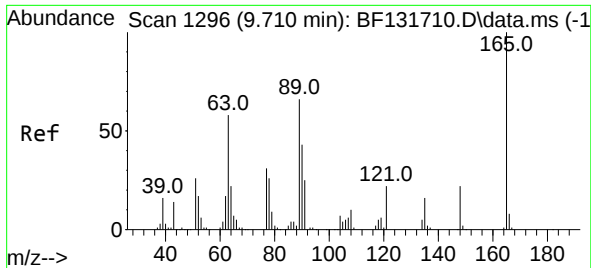


#50
Dimethylphthalate
Concen: 48.966 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



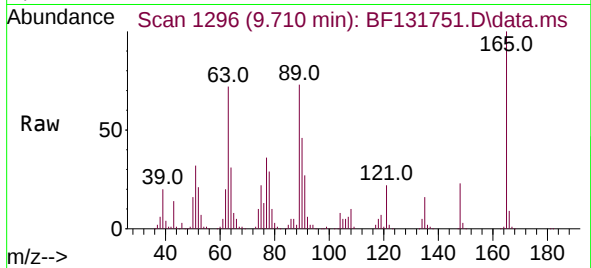
Tgt Ion:163 Resp: 700075
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.703 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

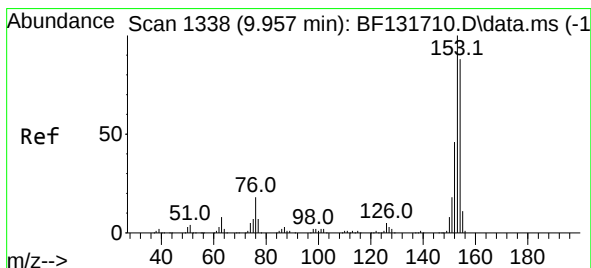
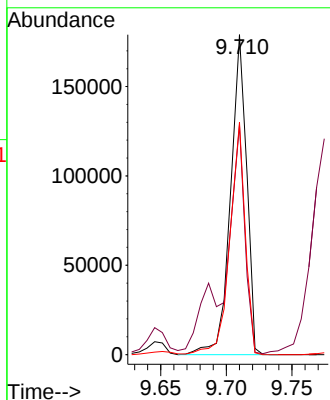
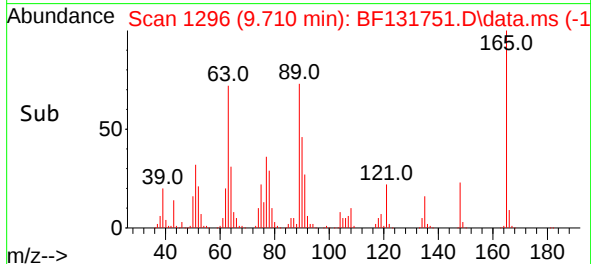
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:165 Resp: 152799
Ion Ratio Lower Upper
165 100
63 71.7 51.8 77.8
89 72.6 53.2 79.8

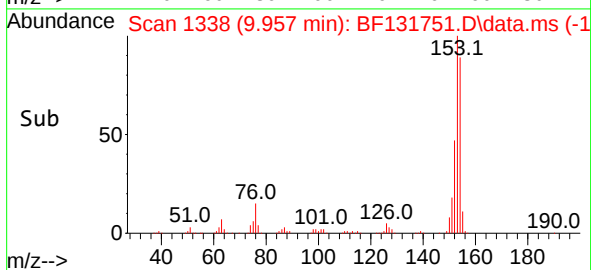
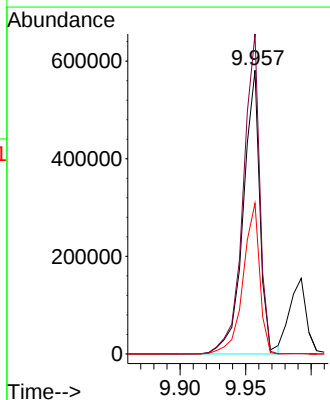
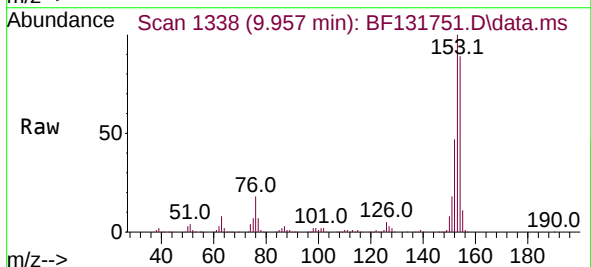
Manual Integrations
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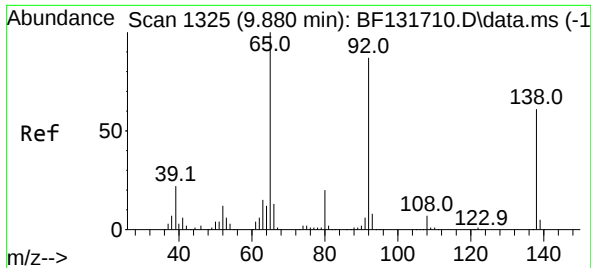
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#52
Acenaphthene
Concen: 47.889 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:154 Resp: 514952
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 53.1 42.0 63.0





#53
3-Nitroaniline
Concen: 14.646 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

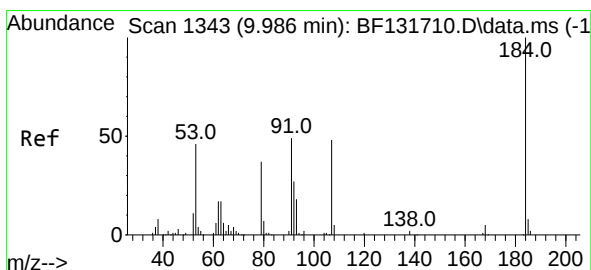
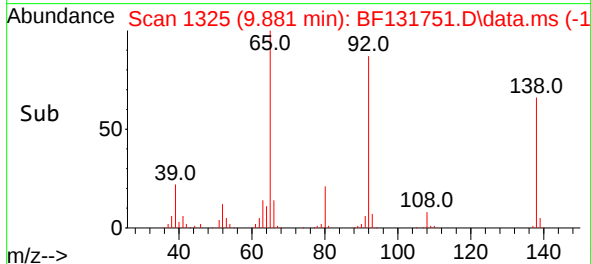
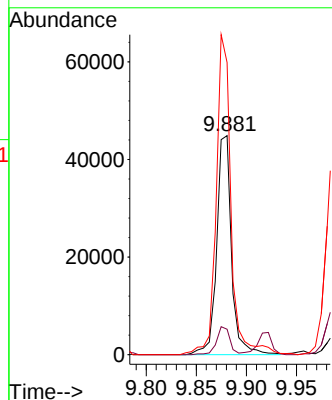
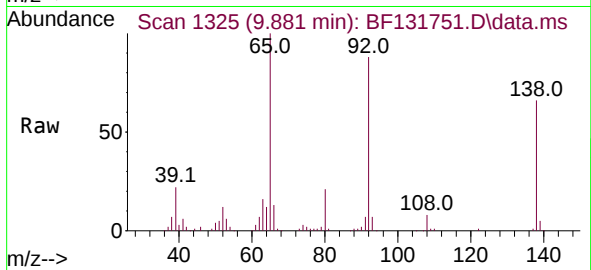
PB149739BS

Tgt Ion:138 Resp: 46070
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 133.4 114.6 171.8

Manual Integrations

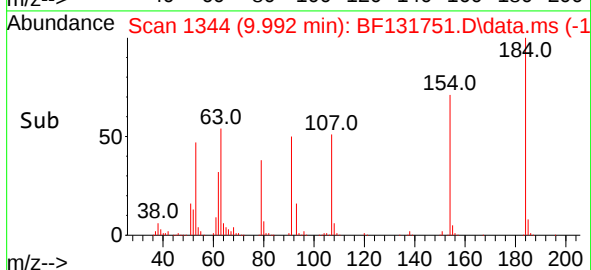
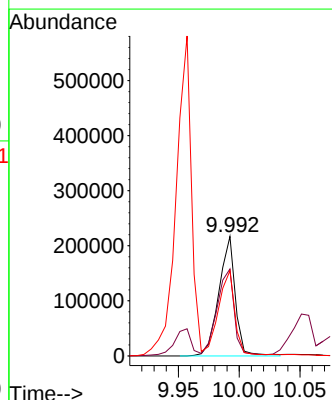
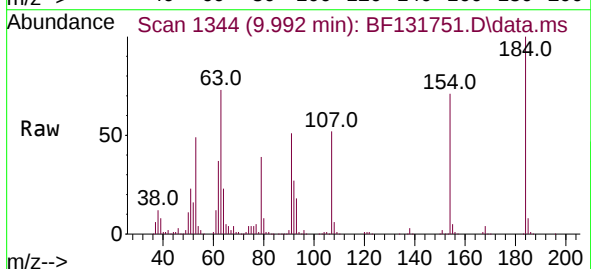
APPROVED

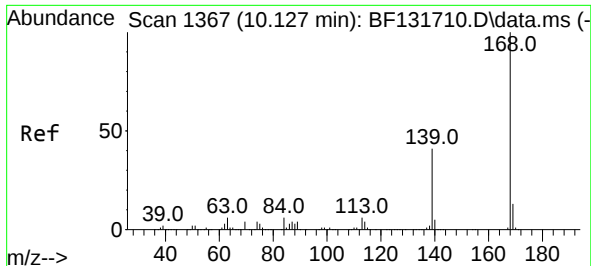
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#54
2,4-Dinitrophenol
Concen: 110.815 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

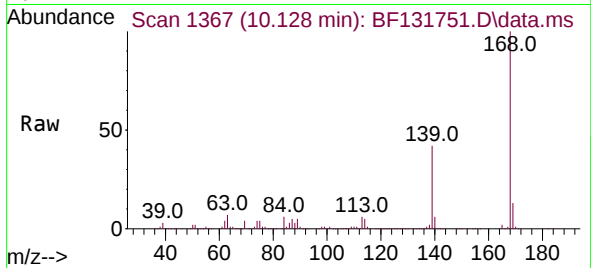
Tgt Ion:184 Resp: 204126
Ion Ratio Lower Upper
184 100
63 72.9 55.8 83.8
154 71.4 57.1 85.7





#55
Dibenzenofuran
Concen: 47.700 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

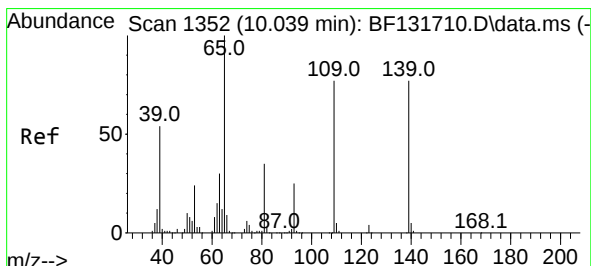
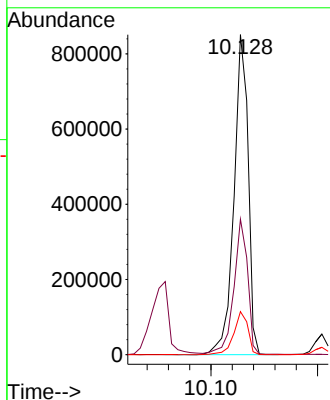
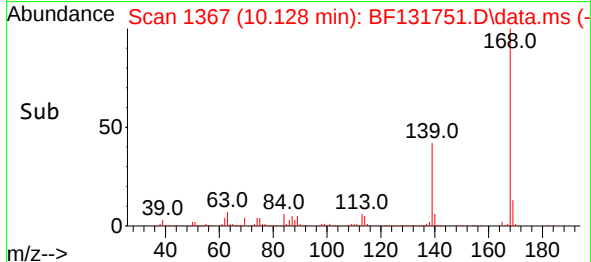
Instrument :
BNA_F
ClientSampleId :
PB149739BS



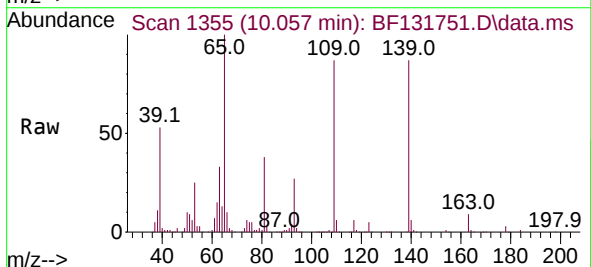
Tgt Ion:168 Resp: 786538
Ion Ratio Lower Upper
168 100
139 42.3 32.7 49.1
169 13.4 10.6 16.0

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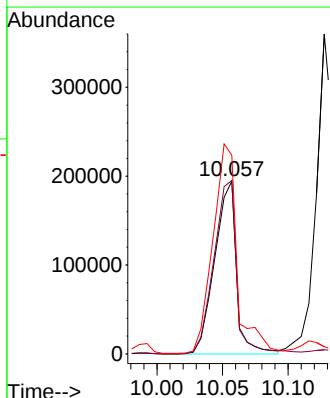
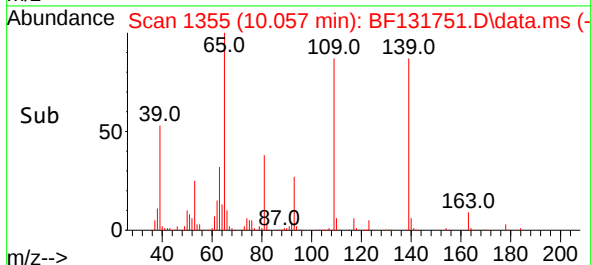
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

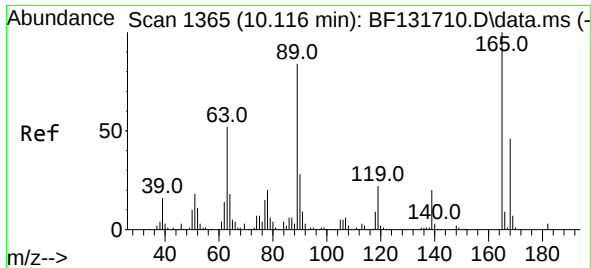


#56
4-Nitrophenol
Concen: 99.589 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.018 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



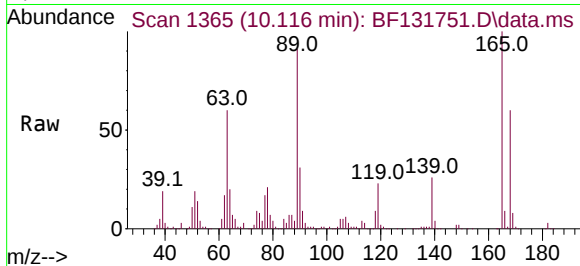
Tgt Ion:139 Resp: 224213
Ion Ratio Lower Upper
139 100
109 100.3 79.9 119.9
65 115.0 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 51.843 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

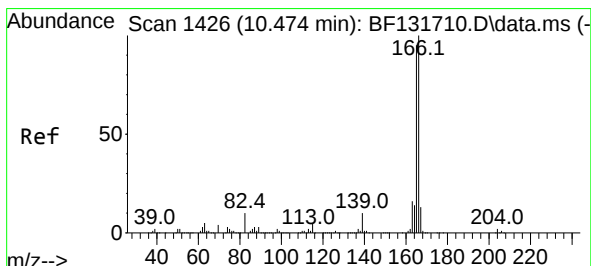
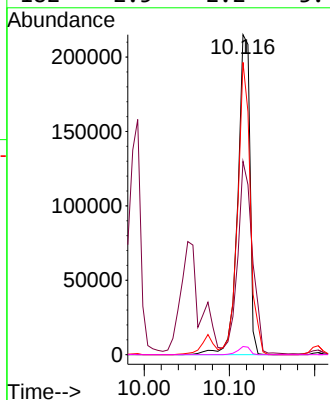
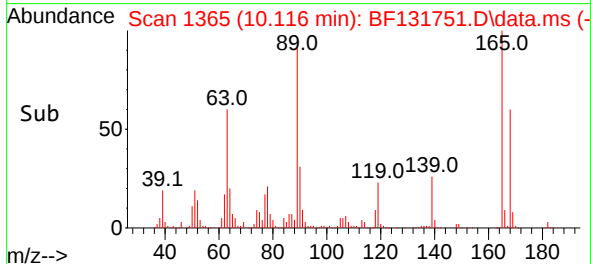
Instrument :
BNA_F
ClientSampleId :
PB149739BS



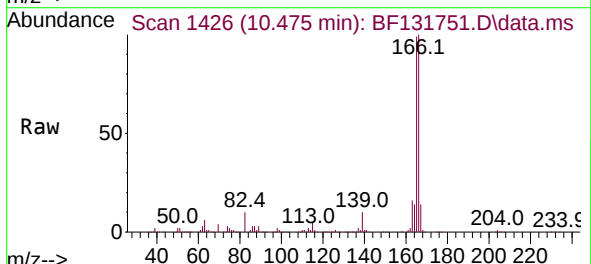
Tgt Ion:165 Resp: 214161
Ion Ratio Lower Upper
165 100
63 60.4 41.5 62.3
89 91.3 67.0 100.4
182 2.5 2.2 3.4

Manual Integrations
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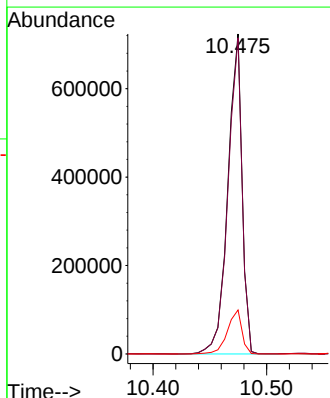
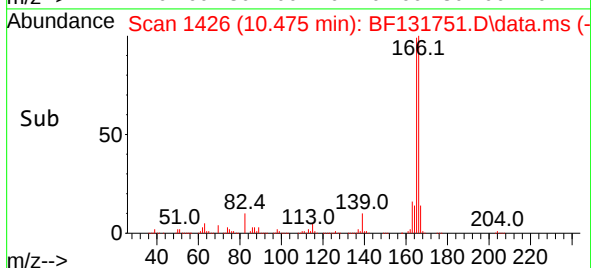
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

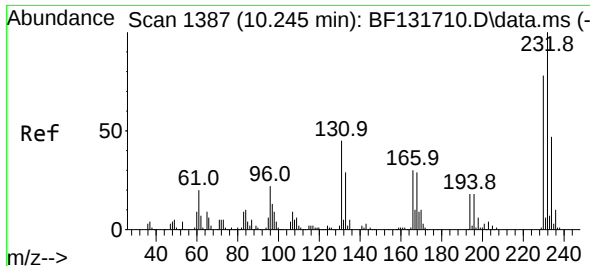


#58
Fluorene
Concen: 47.249 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



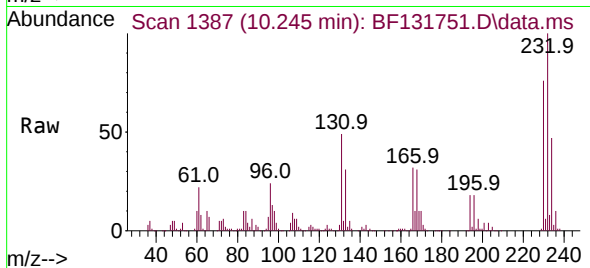
Tgt Ion:166 Resp: 629901
Ion Ratio Lower Upper
166 100
165 98.8 75.8 113.8
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.362 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

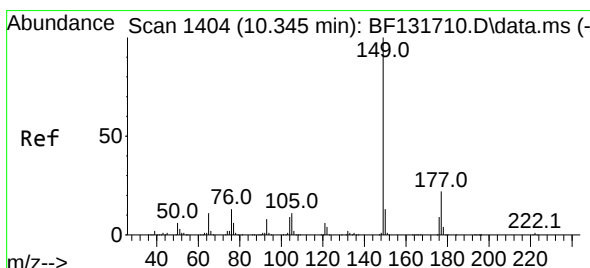
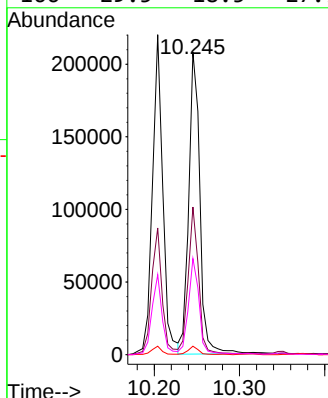
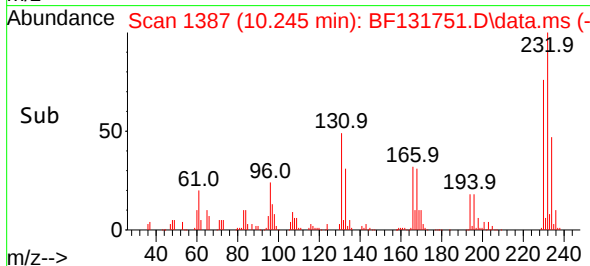
Instrument :
BNA_F
ClientSampleId :
PB149739BS



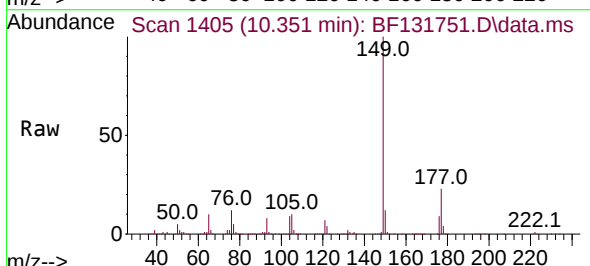
Tgt Ion:232 Resp: 189445
Ion Ratio Lower Upper
232 100
131 44.6 29.9 44.9
130 2.7 1.7 2.5
166 29.5 18.5 27.7#

Manual Integrations
APPROVED

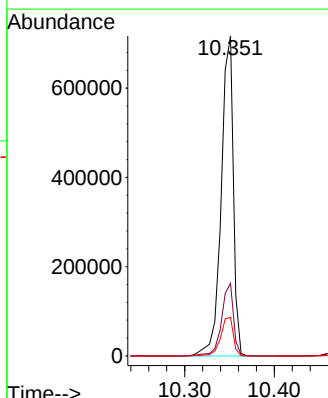
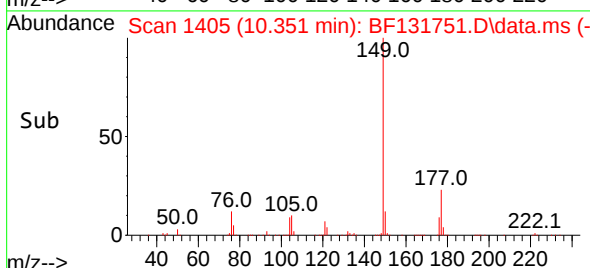
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

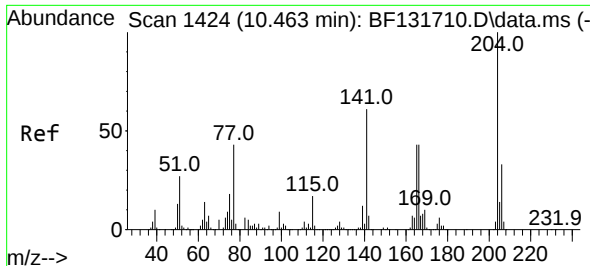


#60
Diethylphthalate
Concen: 49.069 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



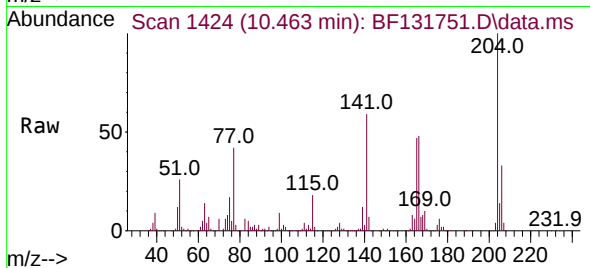
Tgt Ion:149 Resp: 675981
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 12.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.261 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

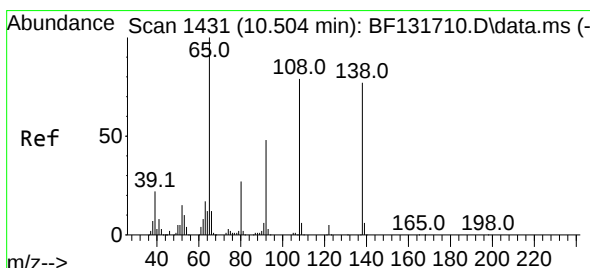
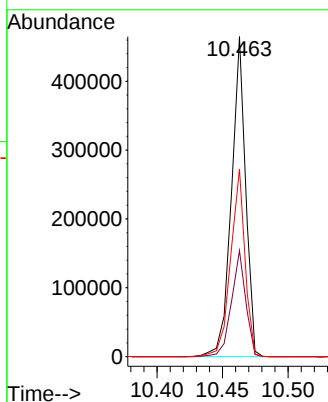
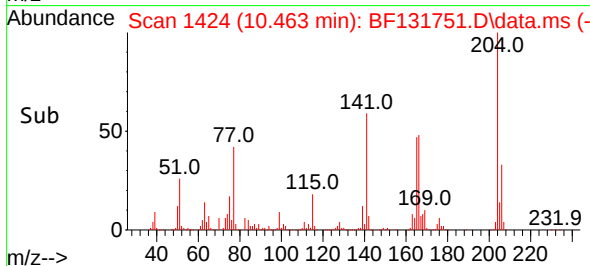
Instrument :
BNA_F
ClientSampleId :
PB149739BS



Tgt Ion:204 Resp: 349046
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 58.6 48.6 72.8

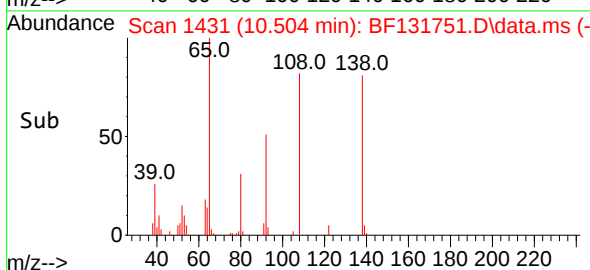
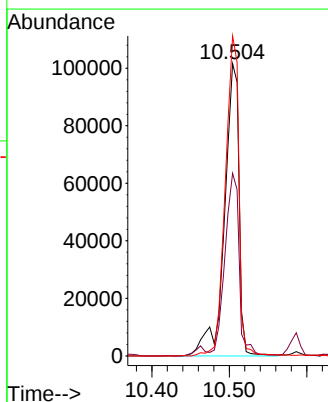
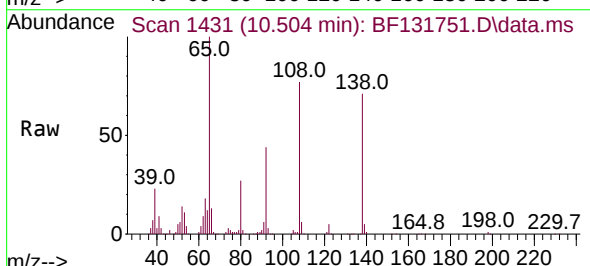
Manual Integrations
APPROVED

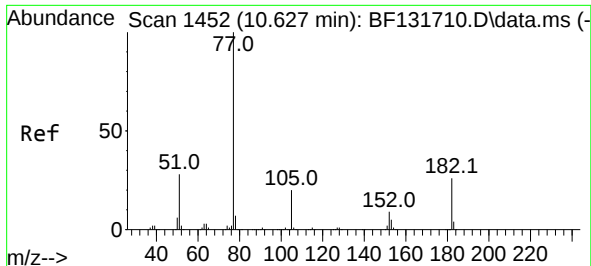
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#62
4-Nitroaniline
Concen: 41.939 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:138 Resp: 132770
Ion Ratio Lower Upper
138 100
92 62.5 42.1 82.1
108 109.5 83.1 123.1





#63
Azobenzene
Concen: 47.971 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

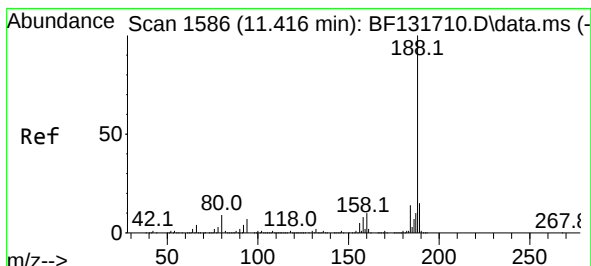
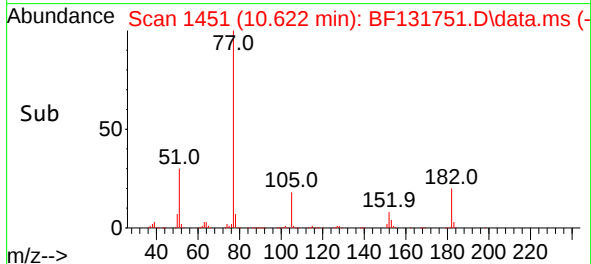
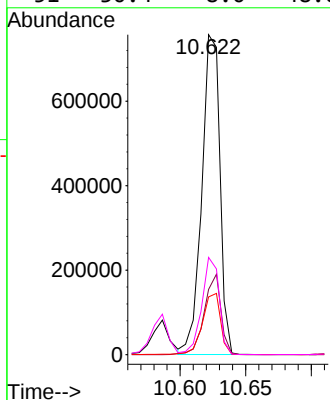
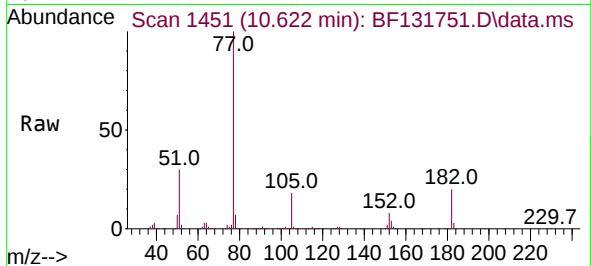
PB149739BS

Tgt Ion: 77 Resp: 725715
Ion Ratio Lower Upper
77 100
182 20.4 5.8 45.8
105 18.0 0.0 39.7
51 30.4 8.0 48.0

Manual Integrations

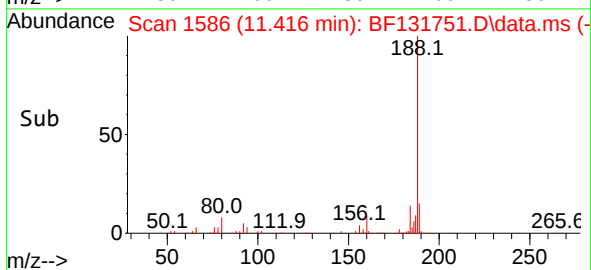
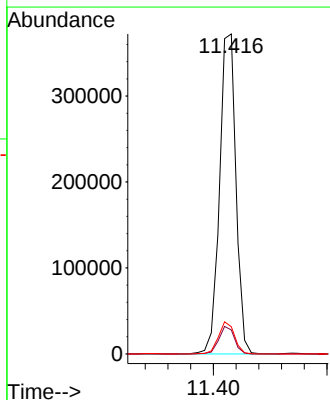
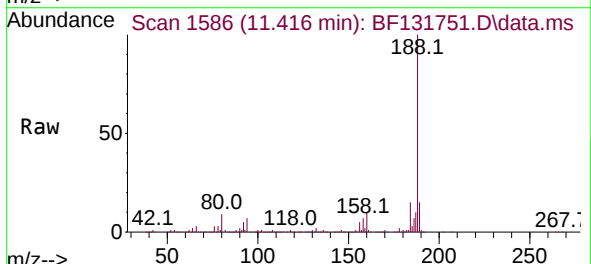
APPROVED

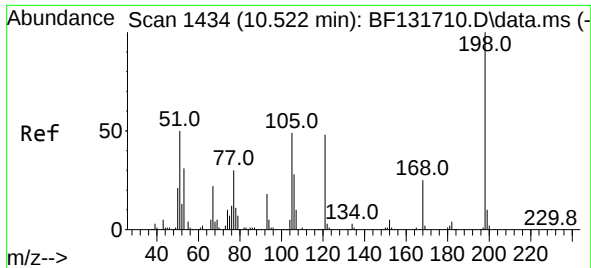
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:188 Resp: 372345
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.5 7.0 10.6





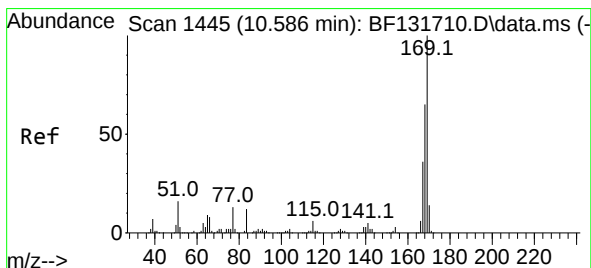
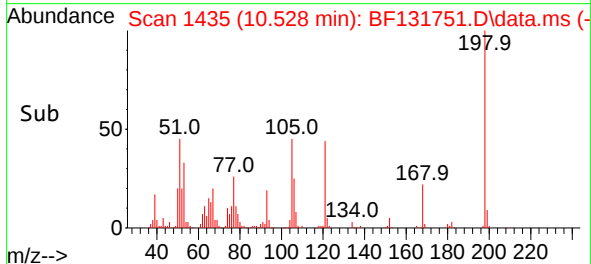
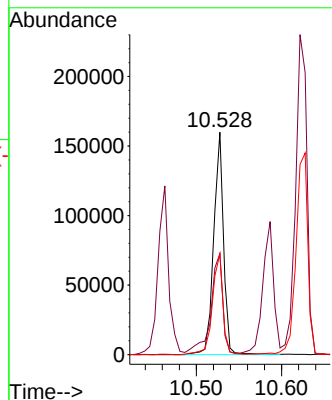
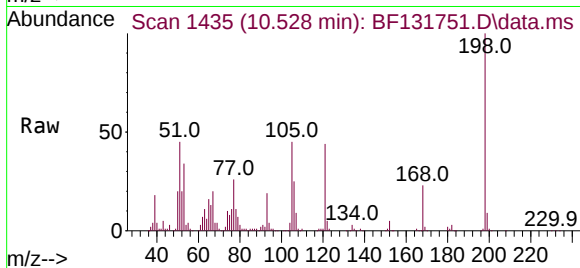
#65
4,6-Dinitro-2-methylphenol
Concen: 50.252 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Tgt Ion:198 Resp: 128463
Ion Ratio Lower Upper
198 100
51 45.5 34.1 74.1
105 45.2 29.7 69.7

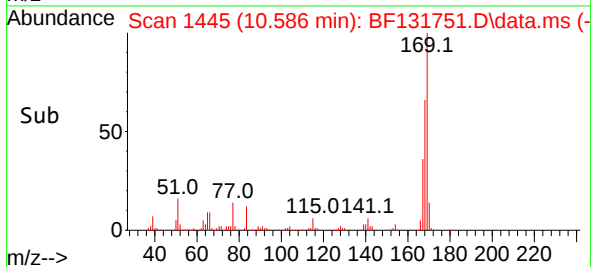
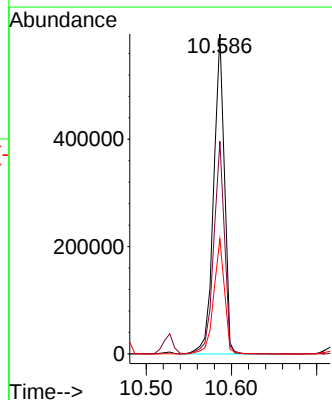
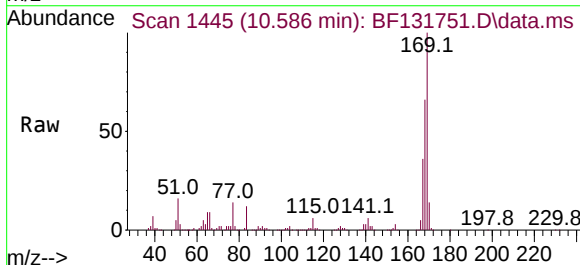
Manual Integrations
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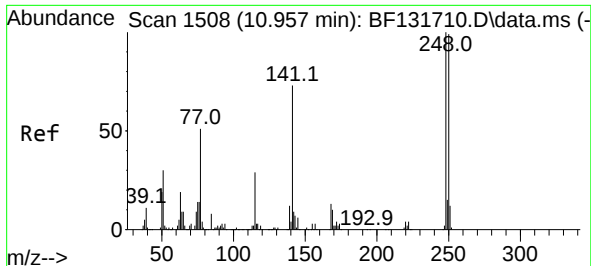
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 45.199 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:169 Resp: 521908
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 35.9 28.6 42.8





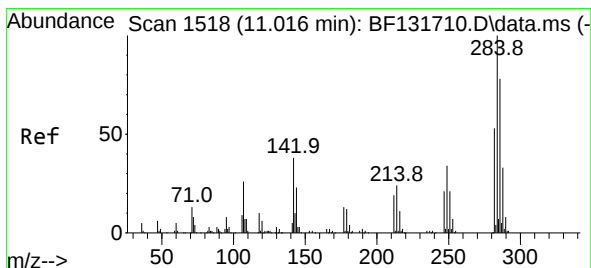
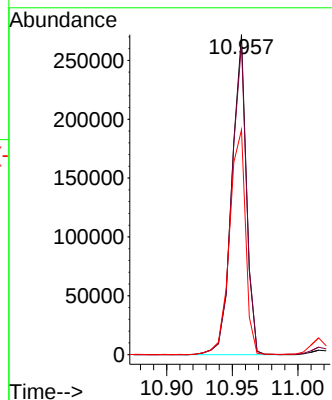
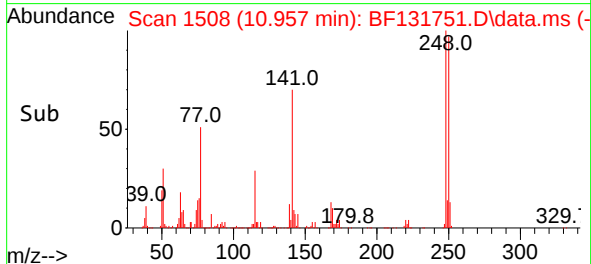
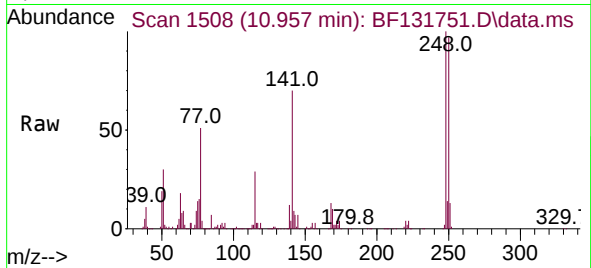
#67
4-Bromophenyl-phenylether
Concen: 47.665 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Tgt Ion:248 Resp: 209616
Ion Ratio Lower Upper
248 100
250 97.1 79.4 119.0
141 70.2 58.1 87.1

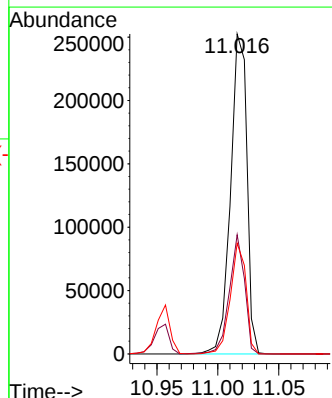
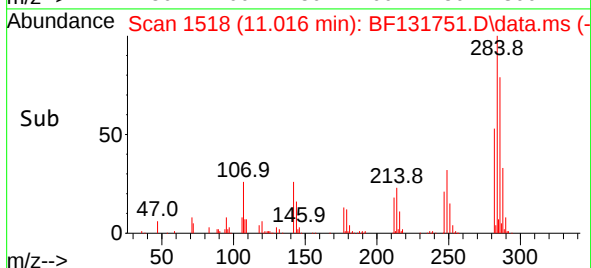
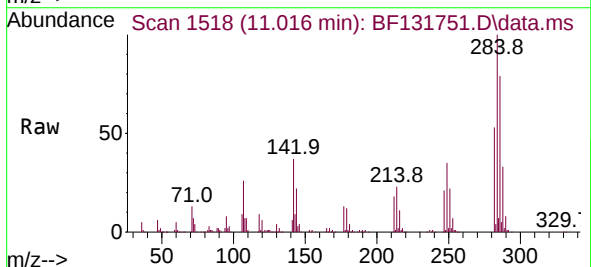
Manual Integrations
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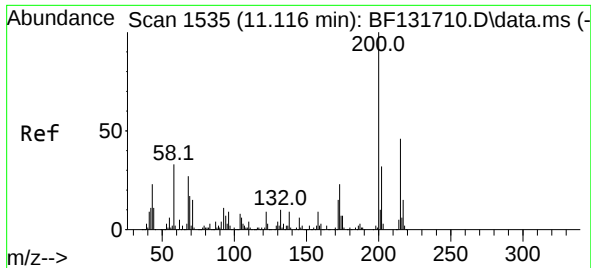
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#68
Hexachlorobenzene
Concen: 48.705 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:284 Resp: 235569
Ion Ratio Lower Upper
284 100
142 37.2 30.2 45.4
249 34.6 27.2 40.8





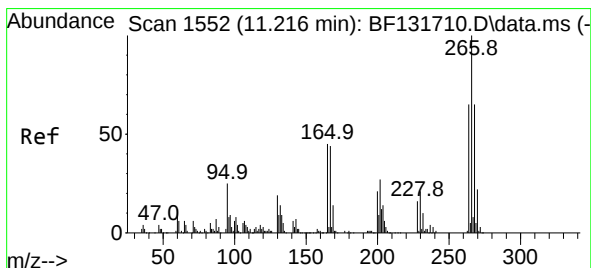
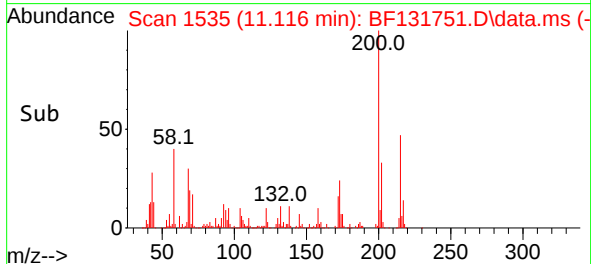
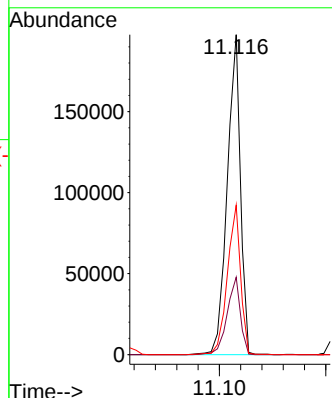
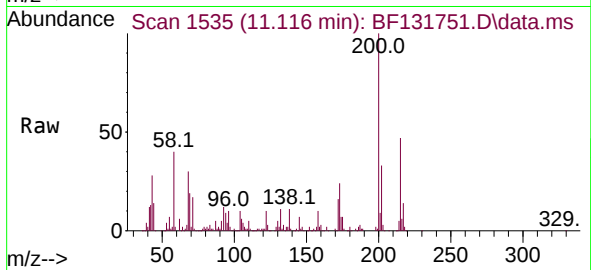
#69
 Atrazine
 Concen: 44.316 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB149739BS

Tgt Ion:200 Resp: 170574
 Ion Ratio Lower Upper
 200 100
 173 24.2 2.7 42.7
 215 46.7 26.4 66.4

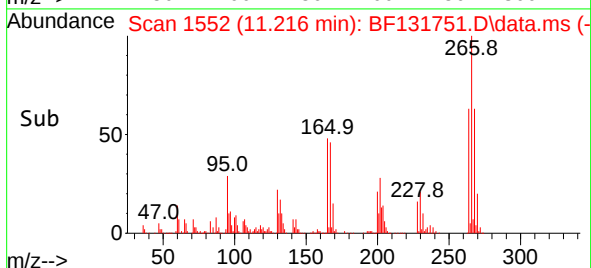
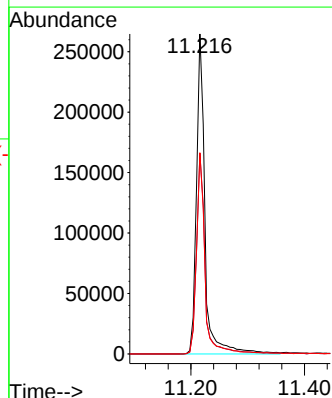
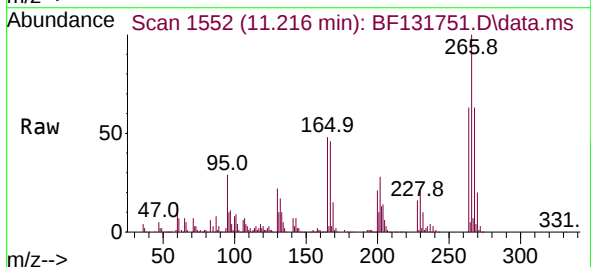
Manual Integrations
 APPROVED

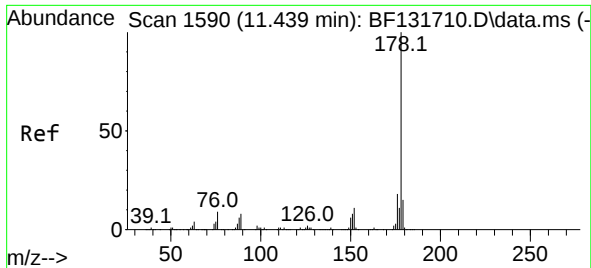
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#70
 Pentachlorophenol
 Concen: 106.582 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20

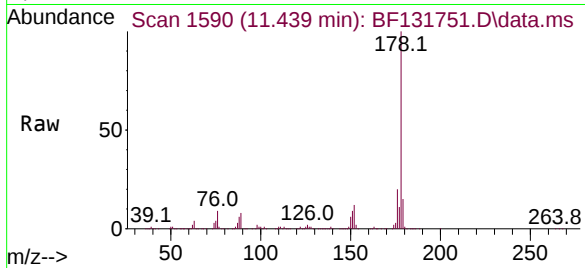
Tgt Ion:266 Resp: 273600
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.2 78.4
 264 62.9 52.0 78.0





#71
Phenanthrene
Concen: 46.752 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

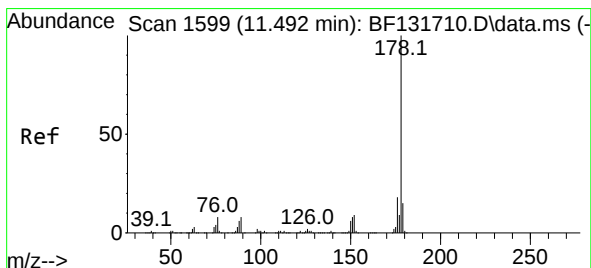
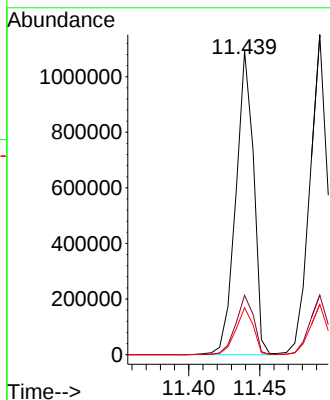
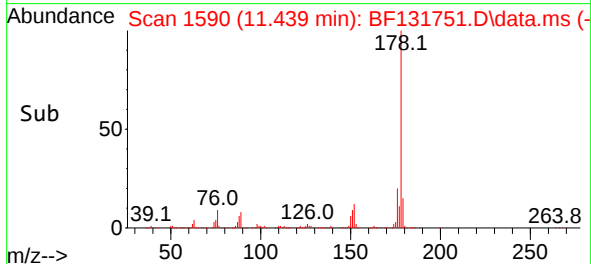
Instrument :
BNA_F
ClientSampleId :
PB149739BS



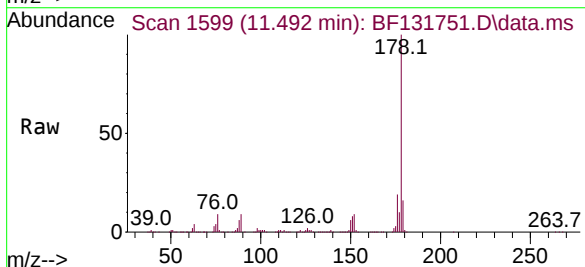
Tgt Ion:178 Resp: 949222
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 15.4 12.2 18.4

Manual Integrations
APPROVED

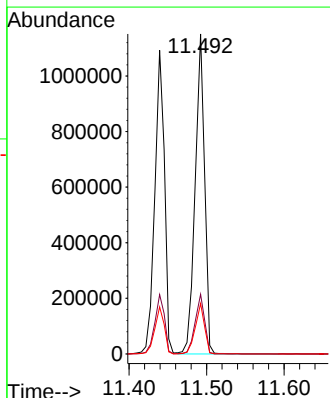
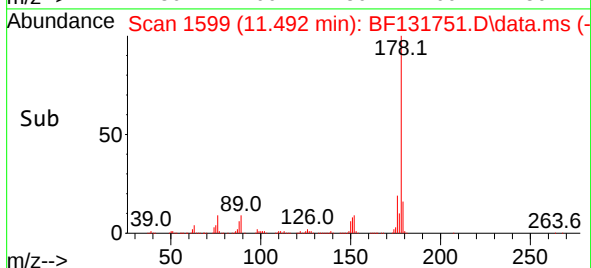
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

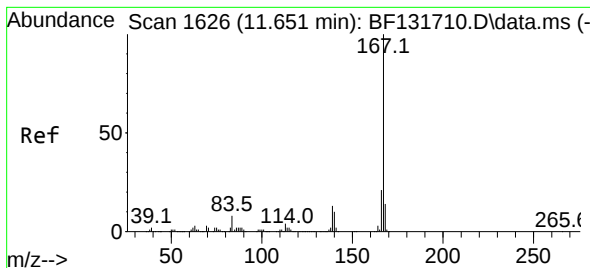


#72
Anthracene
Concen: 49.070 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



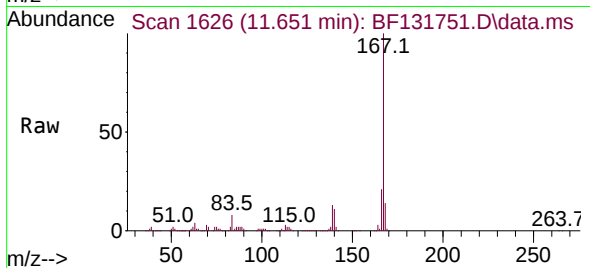
Tgt Ion:178 Resp: 975499
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 46.494 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20

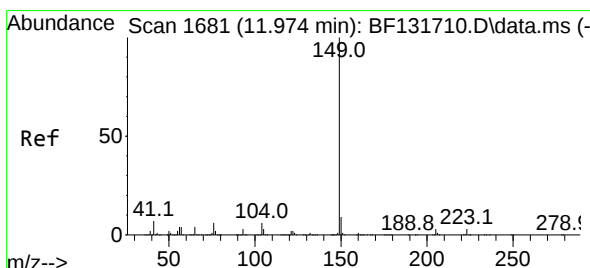
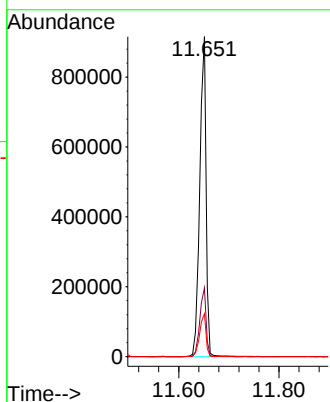
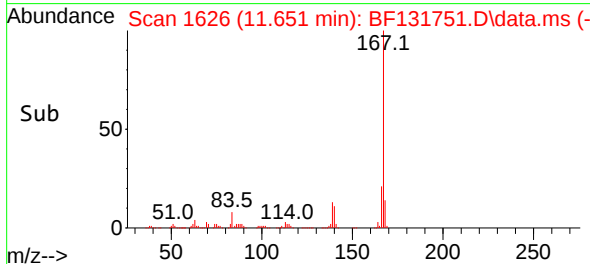
Instrument :
 BNA_F
 ClientSampleId :
 PB149739BS



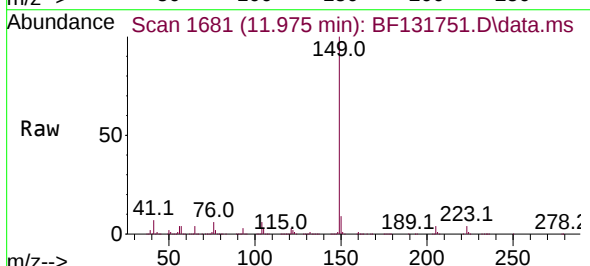
Tgt Ion:167 Resp: 799663
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.4 10.5 15.7

Manual Integrations
 APPROVED

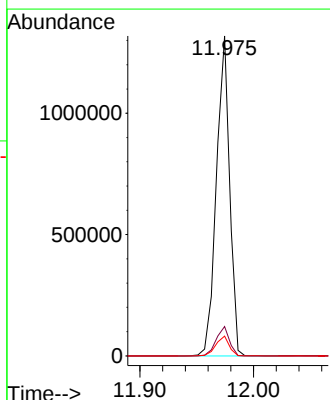
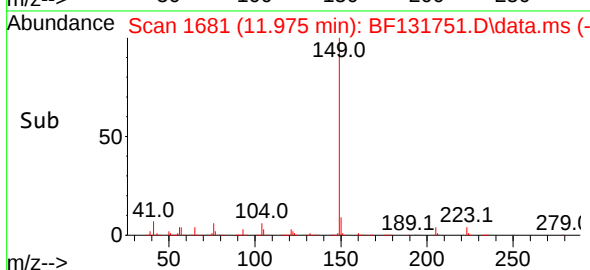
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

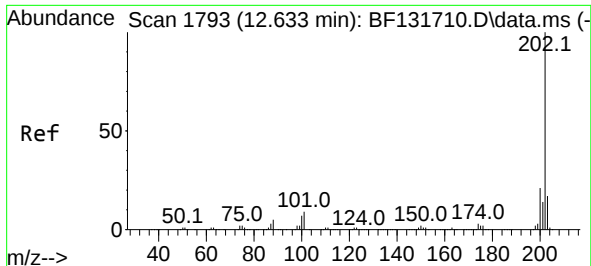


#74
 Di-n-butylphthalate
 Concen: 49.764 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20



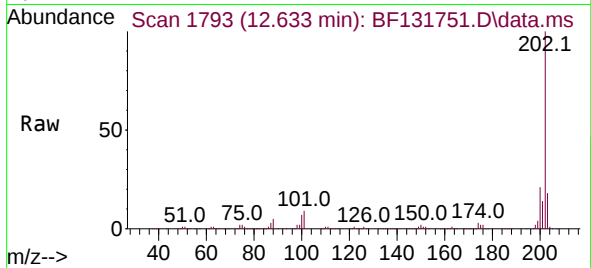
Tgt Ion:149 Resp: 1065766
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.2 5.0 7.4





#75
Fluoranthene
Concen: 48.408 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

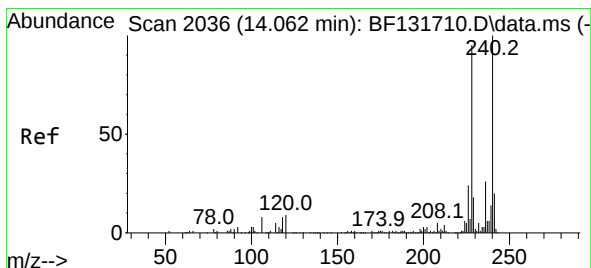
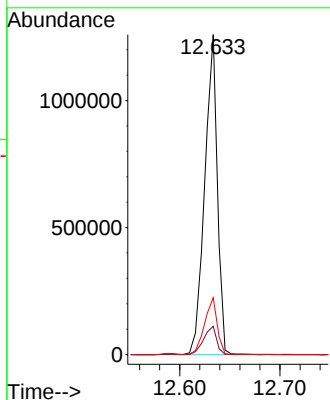
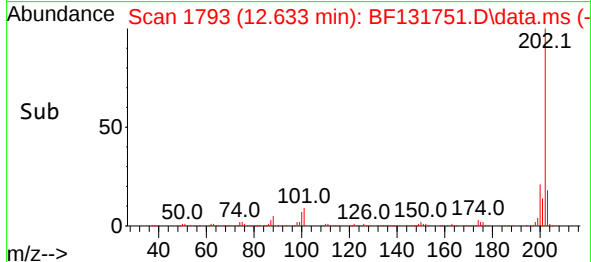
Instrument :
BNA_F
ClientSampleId :
PB149739BS



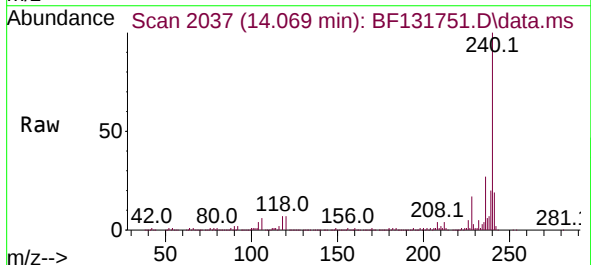
Tgt Ion:202 Resp: 1094618
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.8
203 17.8 0.0 37.1

Manual Integrations
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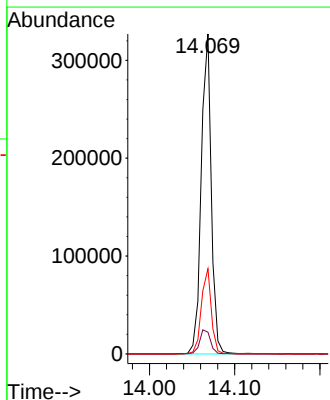
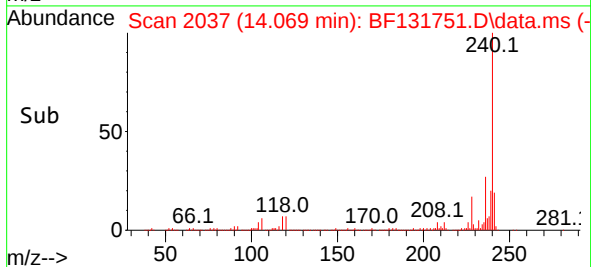
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

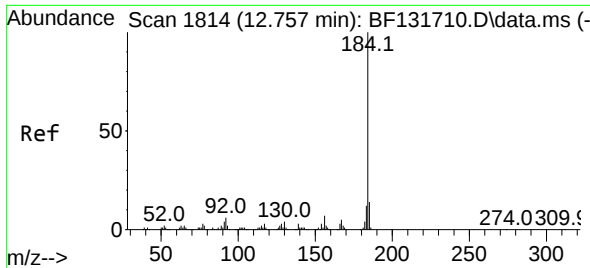


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



Tgt Ion:240 Resp: 266035
Ion Ratio Lower Upper
240 100
120 6.8 7.6 11.4#
236 26.6 21.2 31.8





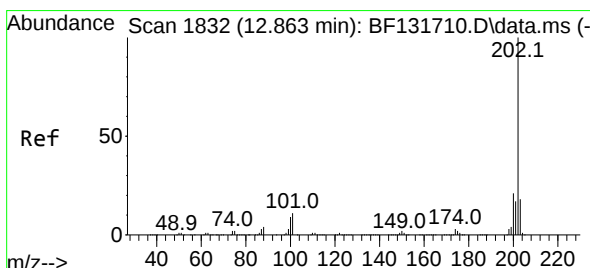
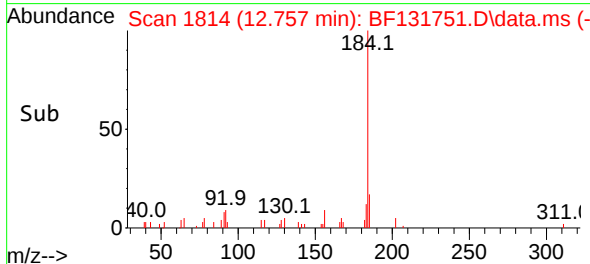
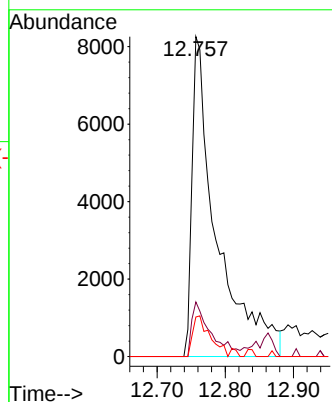
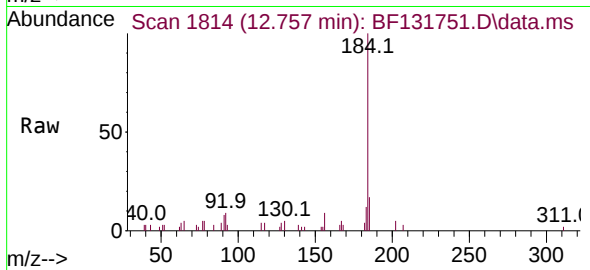
#77
Benzidine
Concen: 4.258 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :
BNA_F
ClientSampleId :
PB149739BS

Tgt Ion:184 Resp: 2077
Ion Ratio Lower Upper
184 100
185 17.1 11.3 16.9
183 12.4 9.3 13.9

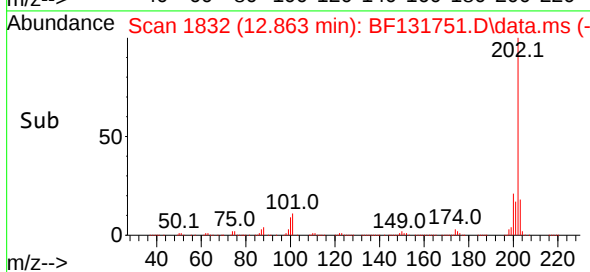
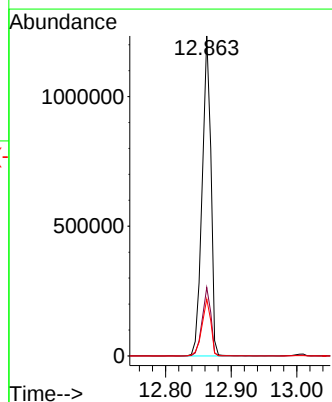
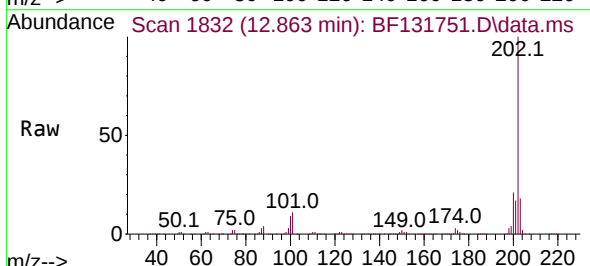
Manual Integrations
APPROVED

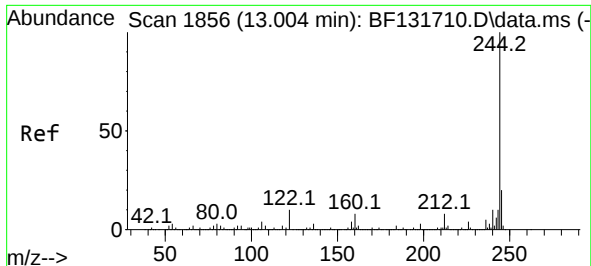
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#78
Pyrene
Concen: 46.758 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Tgt Ion:202 Resp: 1130968
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.1 21.1





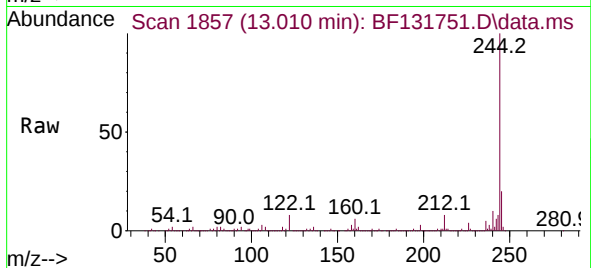
#79
 Terphenyl-d14
 Concen: 106.544 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

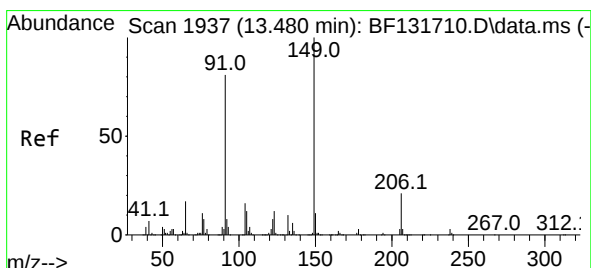
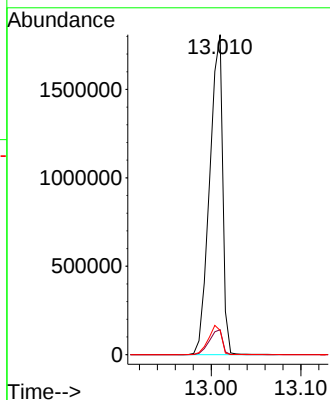
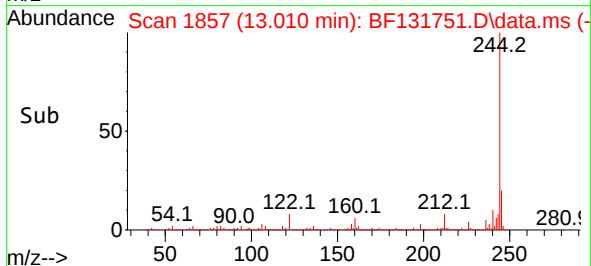


Tgt Ion:244 Resp: 1818664
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.6 7.7 11.5

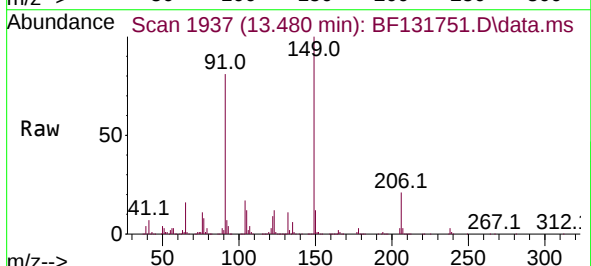
Manual Integrations

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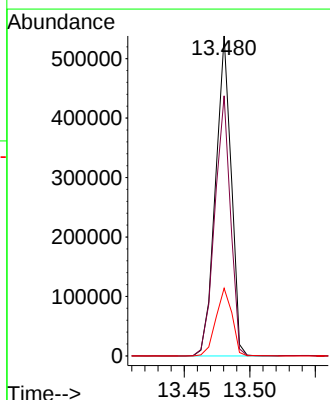
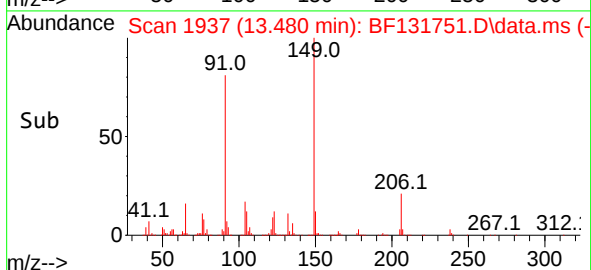
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

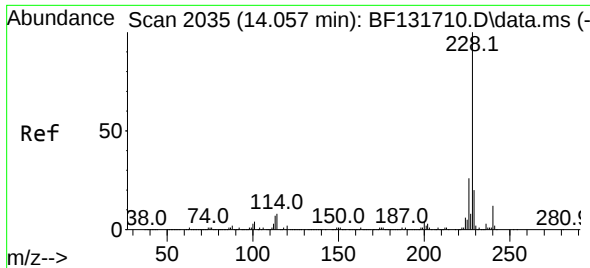


#80
 Butylbenzylphthalate
 Concen: 52.573 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20



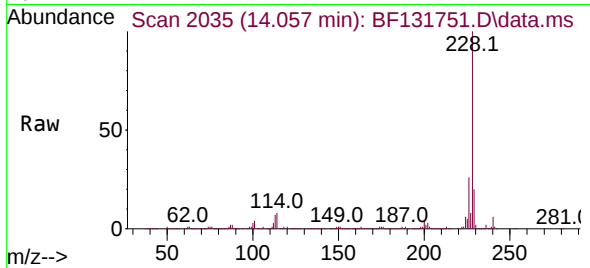
Tgt Ion:149 Resp: 448498
 Ion Ratio Lower Upper
 149 100
 91 81.3 64.9 97.3
 206 21.1 17.0 25.4





#81
Benzo(a)anthracene
Concen: 49.799 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

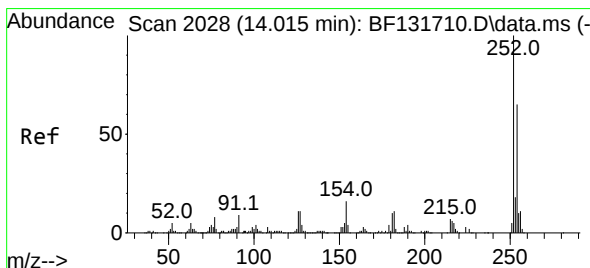
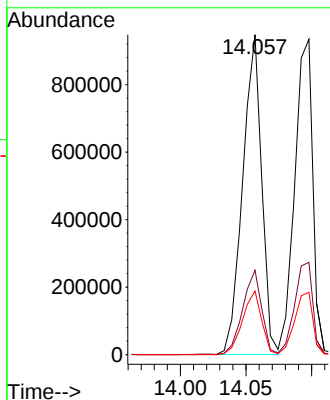
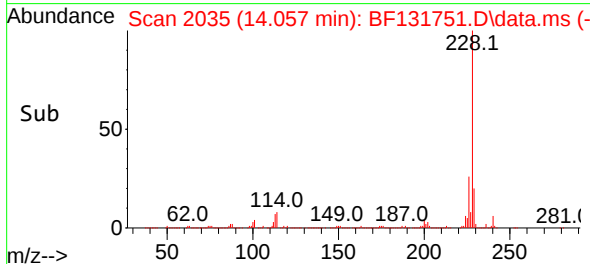
Instrument :
BNA_F
ClientSampleId :
PB149739BS



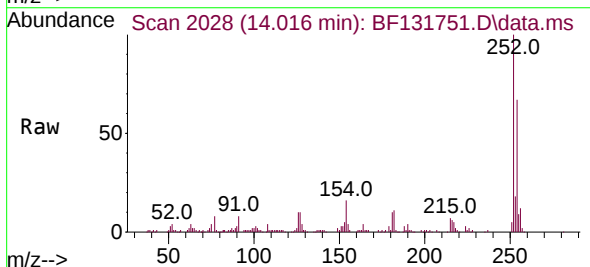
Tgt Ion:228 Resp: 954150
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.4
229 19.9 15.8 23.8

Manual Integrations
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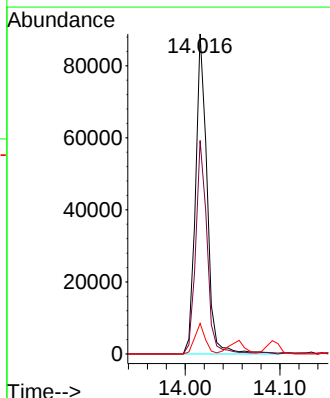
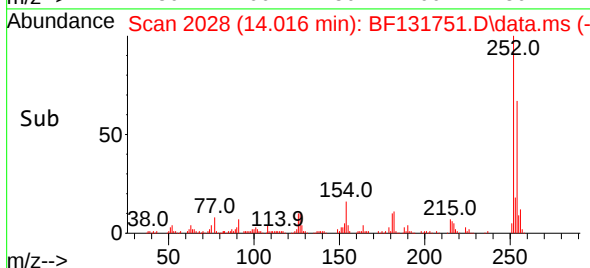
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

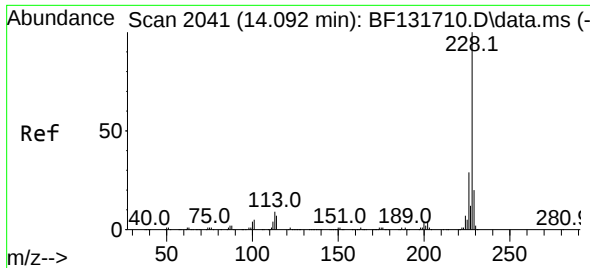


#82
3,3'-Dichlorobenzidine
Concen: 14.008 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



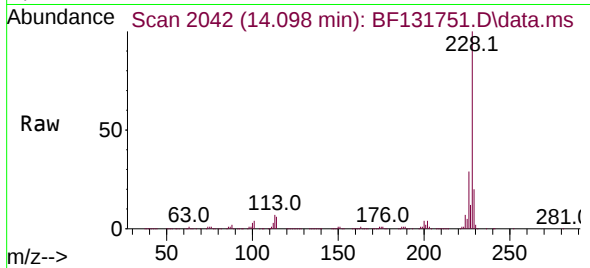
Tgt Ion:252 Resp: 74932
Ion Ratio Lower Upper
252 100
254 66.7 52.1 78.1
126 9.5 8.4 12.6





#83
Chrysene
Concen: 49.629 ng
RT: 14.098 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

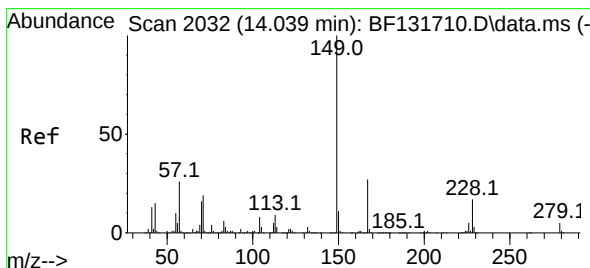
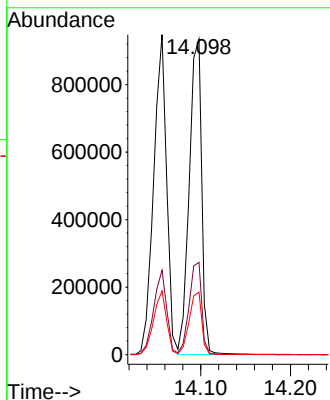
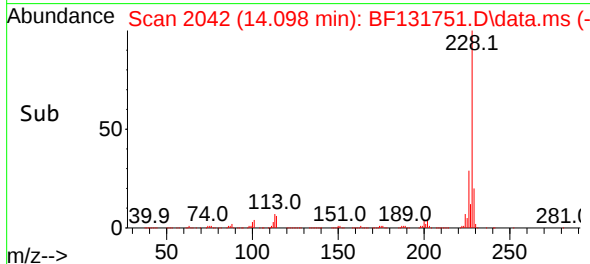
Instrument :
BNA_F
Client Sample Id :
PB149739BS



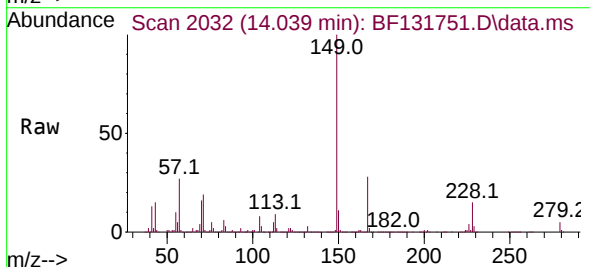
Tgt Ion:228 Resp: 897489
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 19.7 15.6 23.4

Manual Integrations
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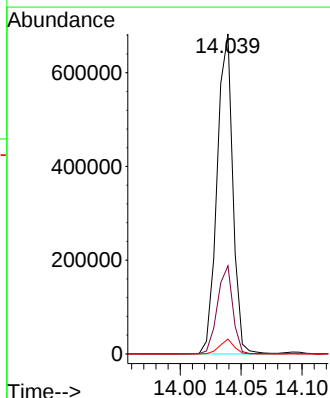
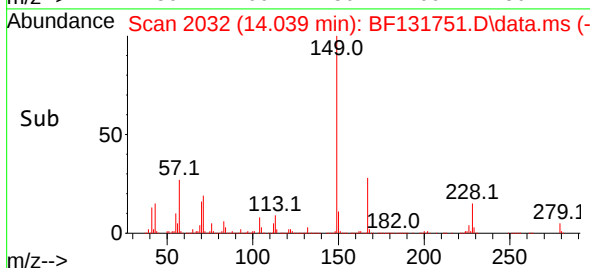
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

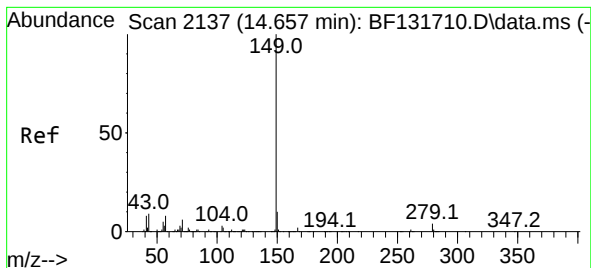


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.414 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



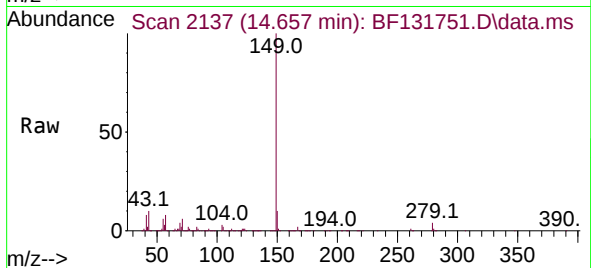
Tgt Ion:149 Resp: 614560
Ion Ratio Lower Upper
149 100
167 27.5 21.7 32.5
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 67.055 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

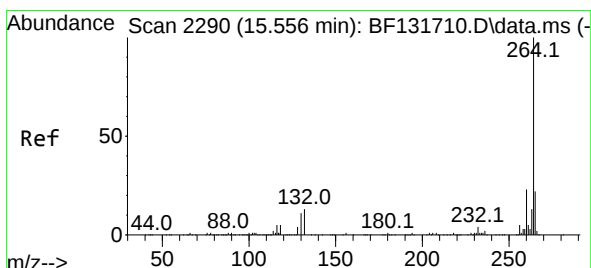
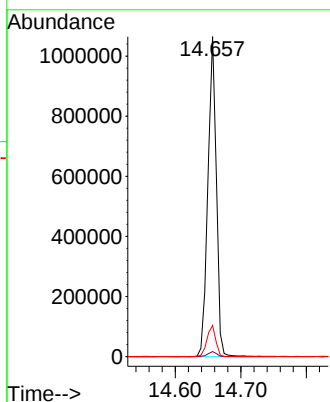
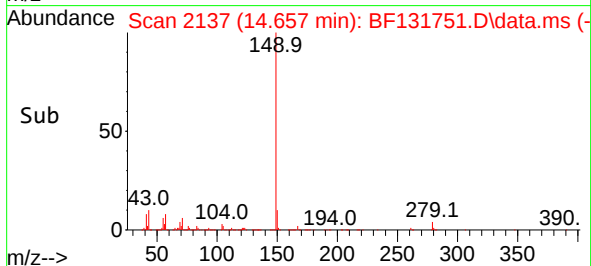
Instrument :
BNA_F
ClientSampleId :
PB149739BS



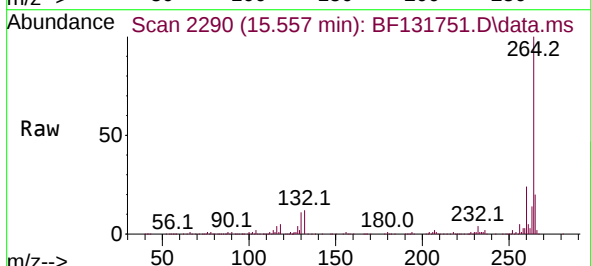
Tgt Ion:149 Resp: 952176
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.3 12.5

Manual Integrations
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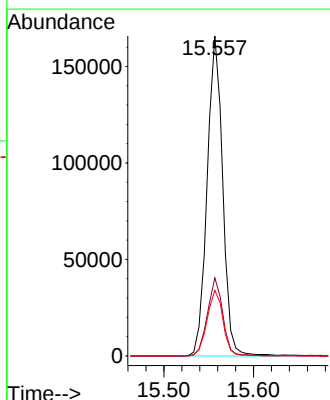
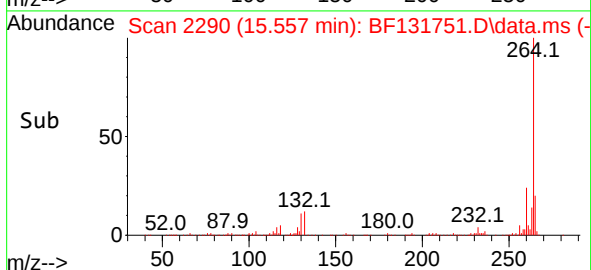
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

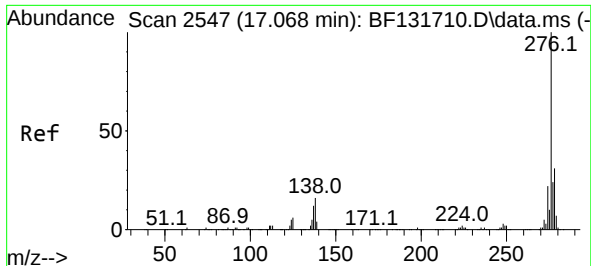


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



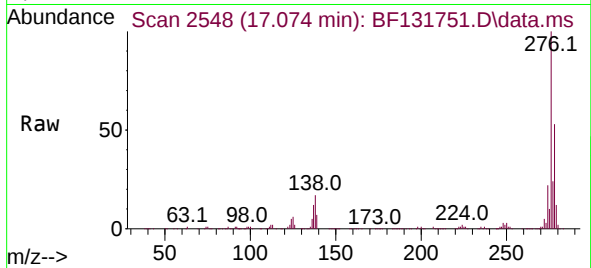
Tgt Ion:264 Resp: 199405
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 20.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.435 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20

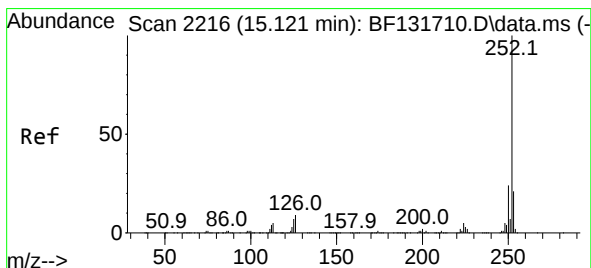
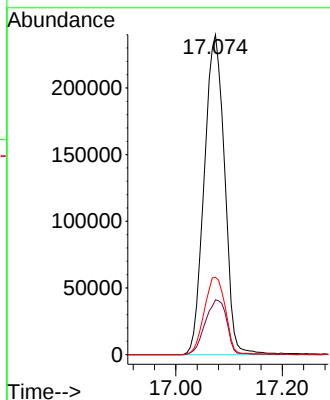
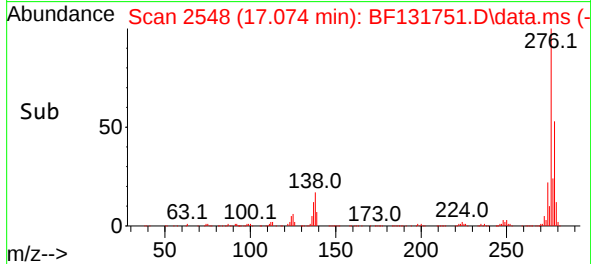
Instrument :
 BNA_F
 ClientSampleId :
 PB149739BS



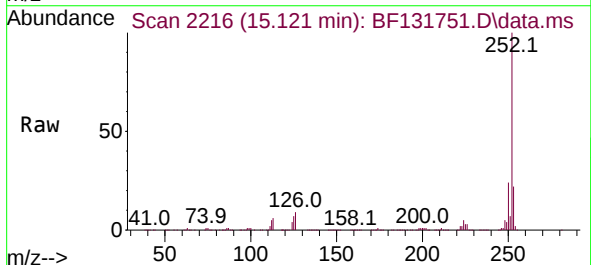
Tgt Ion: 276 Resp: 635325
 Ion Ratio Lower Upper
 276 100
 138 18.2 14.4 21.6
 277 25.2 19.8 29.8

Manual Integrations
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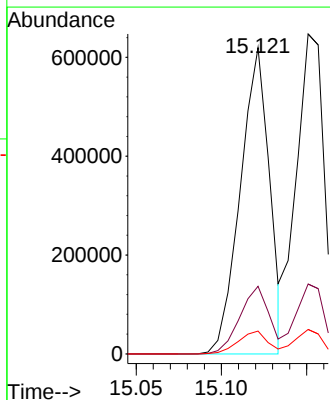
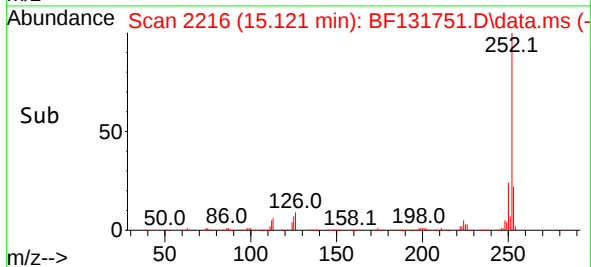
Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

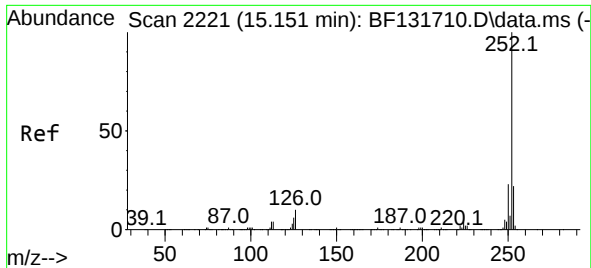


#88
 Benzo(b)fluoranthene
 Concen: 52.420 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.000 min
 Lab File: BF131751.D
 Acq: 21 Dec 2022 18:20



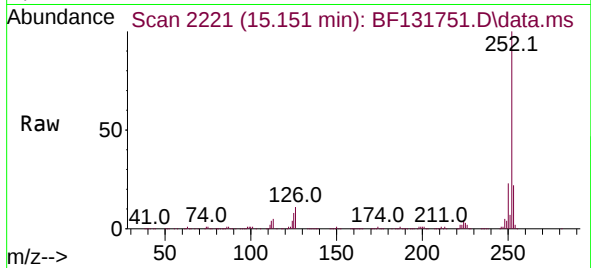
Tgt Ion: 252 Resp: 739519
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 7.4 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 54.622 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

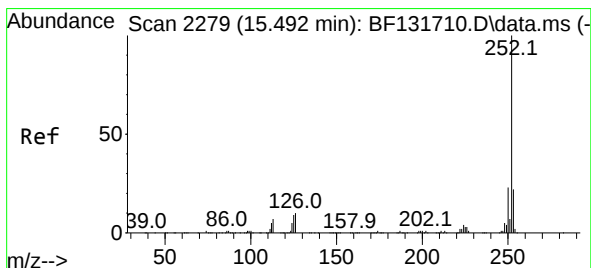
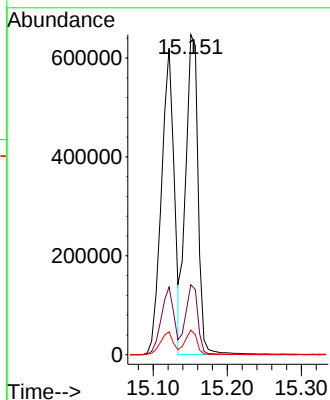
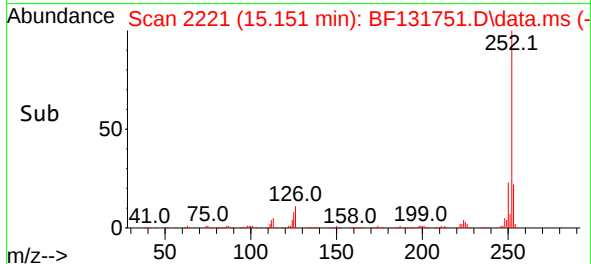
Instrument :
BNA_F
ClientSampleId :
PB149739BS



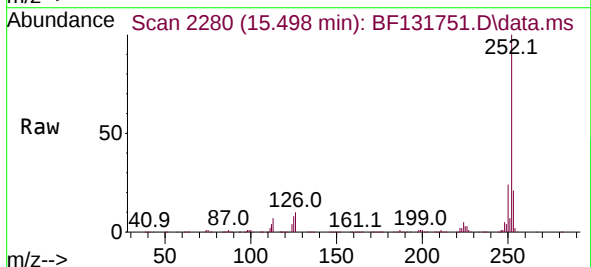
Tgt Ion:252 Resp: 751935
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.6 5.2 7.8

Manual Integrations
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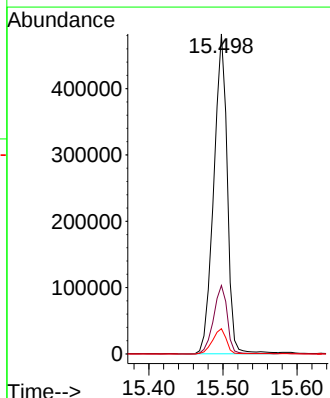
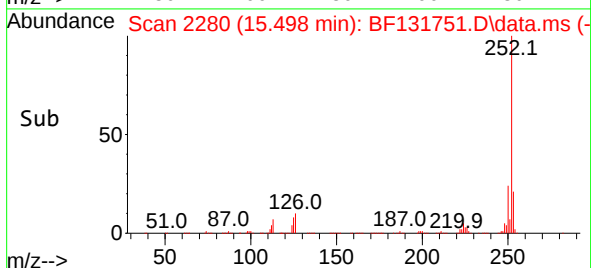
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

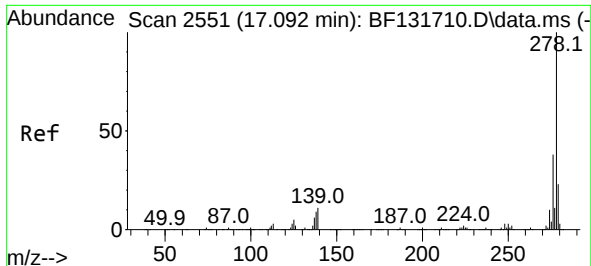


#90
Benzo(a)pyrene
Concen: 54.559 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



Tgt Ion:252 Resp: 609687
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.9 7.0 10.4





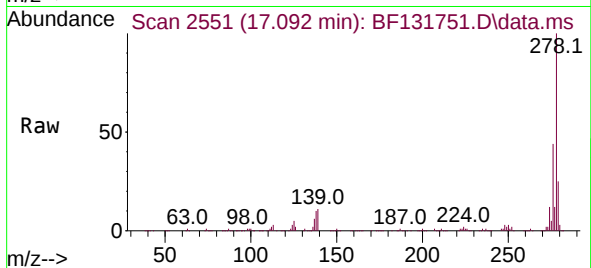
#91
Dibenzo(a,h)anthracene
Concen: 48.261 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PB149739BS

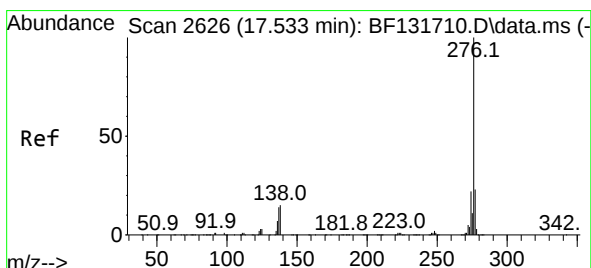
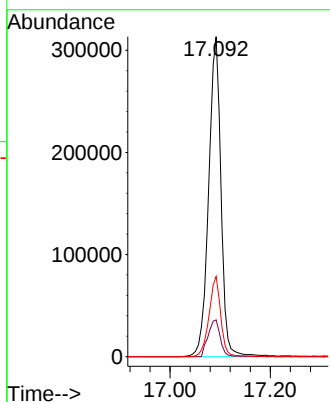
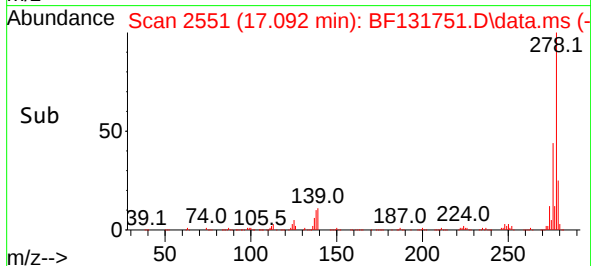


Tgt Ion:278 Resp: 534186
Ion Ratio Lower Upper
278 100
139 11.5 8.7 13.1
279 25.0 18.7 28.1

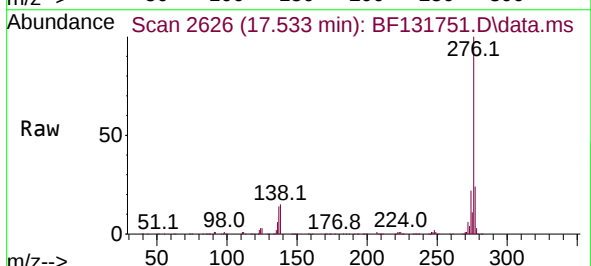
Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 46.677 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131751.D
Acq: 21 Dec 2022 18:20



Tgt Ion:276 Resp: 510659
Ion Ratio Lower Upper
276 100
277 23.9 18.3 27.5
138 15.2 12.3 18.5

