

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131752.D
 Acq On : 21 Dec 2022 18:52
 Operator : CG\JU
 Sample : PB149691BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149691BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 05:48:45 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	89262	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	341495	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204199	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394748	20.000	ng	0.00
76) Chrysene-d12	14.069	240	288959	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	200707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	754543	142.341	ng	0.02
7) Phenol-d6	6.504	99	975658	136.744	ng	0.00
23) Nitrobenzene-d5	7.440	82	687732	81.756	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	305836	136.837	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1183741	81.206	ng	0.00
79) Terphenyl-d14	13.004	244	1560308	84.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	94554	38.170	ng	98
3) Pyridine	3.440	79	248108	35.125	ng	100
4) n-Nitrosodimethylamine	3.422	42	143464	44.892	ng	# 95
6) Aniline	6.534	93	153656	17.444	ng	98
8) 2-Chlorophenol	6.651	128	258522	45.406	ng	97
9) Benzaldehyde	6.416	77	84937	17.857	ng	98
10) Phenol	6.522	94	357431	41.959	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	293149	48.089	ng	98
12) 1,3-Dichlorobenzene	6.804	146	281217	43.694	ng	98
13) 1,4-Dichlorobenzene	6.881	146	286027	43.477	ng	97
14) 1,2-Dichlorobenzene	7.034	146	273603	44.419	ng	99
15) Benzyl Alcohol	7.016	79	254286m	39.902	ng	
16) 2,2'-oxybis(1-Chloropr...	7.140	45	348073	44.780	ng	91
17) 2-Methylphenol	7.128	107	229808	42.755	ng	96
18) Hexachloroethane	7.381	117	116928	44.836	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	224962	43.718	ng	97
20) 3+4-Methylphenols	7.281	107	298445	43.142	ng	95
22) Acetophenone	7.281	105	423148	42.460	ng	# 92
24) Nitrobenzene	7.457	77	347649	40.652	ng	96
25) Isophorone	7.698	82	620571	43.440	ng	99
26) 2-Nitrophenol	7.775	139	139106	41.622	ng	98
27) 2,4-Dimethylphenol	7.810	122	232823	48.911	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	344912	45.466	ng	99
29) 2,4-Dichlorophenol	8.016	162	240585	41.866	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	277265	41.042	ng	98
31) Naphthalene	8.181	128	748284	40.122	ng	100
32) Benzoic acid	7.951	122	173849	45.625	ng	94
33) 4-Chloroaniline	8.228	127	76195	10.476	ng	99
34) Hexachlorobutadiene	8.292	225	185853	40.890	ng	99
35) Caprolactam	8.610	113	71266m	41.128	ng	
36) 4-Chloro-3-methylphenol	8.722	107	275972	42.040	ng	99
37) 2-Methylnaphthalene	8.875	142	506619	39.823	ng	99
38) 1-Methylnaphthalene	8.975	142	479613	38.926	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	295529	42.302	ng	99
41) Hexachlorocyclopentadiene	9.022	237	364425	115.136	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	178770	39.172	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	204959	41.485	ng	93
46) 1,1'-Biphenyl	9.339	154	646119	42.066	ng	99
47) 2-Chloronaphthalene	9.363	162	518419	41.219	ng	97
48) 2-Nitroaniline	9.469	65	186132	41.059	ng	98
49) Acenaphthylene	9.781	152	777450	41.212	ng	100
50) Dimethylphthalate	9.645	163	639936	41.649	ng	99
51) 2,6-Dinitrotoluene	9.710	165	138085	41.795	ng	98
52) Acenaphthene	9.957	154	461903	39.970	ng	99
53) 3-Nitroaniline	9.881	138	74308	21.981	ng	96
54) 2,4-Dinitrophenol	9.992	184	182436	92.157	ng	96
55) Dibenzofuran	10.128	168	713629	40.271	ng	100
56) 4-Nitrophenol	10.051	139	192069	79.383	ng	96
57) 2,4-Dinitrotoluene	10.116	165	191788	43.200	ng	97
58) Fluorene	10.475	166	575935	40.199	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157854m	38.272	ng	
60) Diethylphthalate	10.345	149	616338	41.630	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	316295	41.537	ng	100
62) 4-Nitroaniline	10.504	138	126550	37.196	ng	94
63) Azobenzene	10.622	77	661198	40.669	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	114994	42.430	ng	85
66) n-Nitrosodiphenylamine	10.586	169	495475	40.475	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	193157	41.430	ng	96
68) Hexachlorobenzene	11.016	284	211978	41.341	ng	99
69) Atrazine	11.110	200	110033	26.965	ng	98
70) Pentachlorophenol	11.216	266	236936	87.061	ng	98
71) Phenanthrene	11.439	178	869433	40.392	ng	98
72) Anthracene	11.492	178	874524	41.494	ng	99
73) Carbazole	11.651	167	763698	41.883	ng	100
74) Di-n-butylphthalate	11.975	149	956547	42.129	ng	100
75) Fluoranthene	12.633	202	997585	41.614	ng	99
77) Benzidine	12.757	184	34811	6.570	ng	97
78) Pyrene	12.863	202	1011855	38.515	ng	99
80) Butylbenzylphthalate	13.480	149	396727	42.815	ng	99
81) Benzo(a)anthracene	14.057	228	833405	40.046	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	156850	26.995	ng	97
83) Chrysene	14.092	228	786236	40.028	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	543465	49.187	ng	100
85) Di-n-octyl phthalate	14.657	149	824389	53.450	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	562244	41.706	ng	99
88) Benzo(b)fluoranthene	15.121	252	649327	45.728	ng	99
89) Benzo(k)fluoranthene	15.151	252	640051	46.193	ng	98
90) Benzo(a)pyrene	15.498	252	529087	47.039	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	486618	43.679	ng	100
92) Benzo(g,h,i)perylene	17.527	276	468164	42.515	ng	98

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

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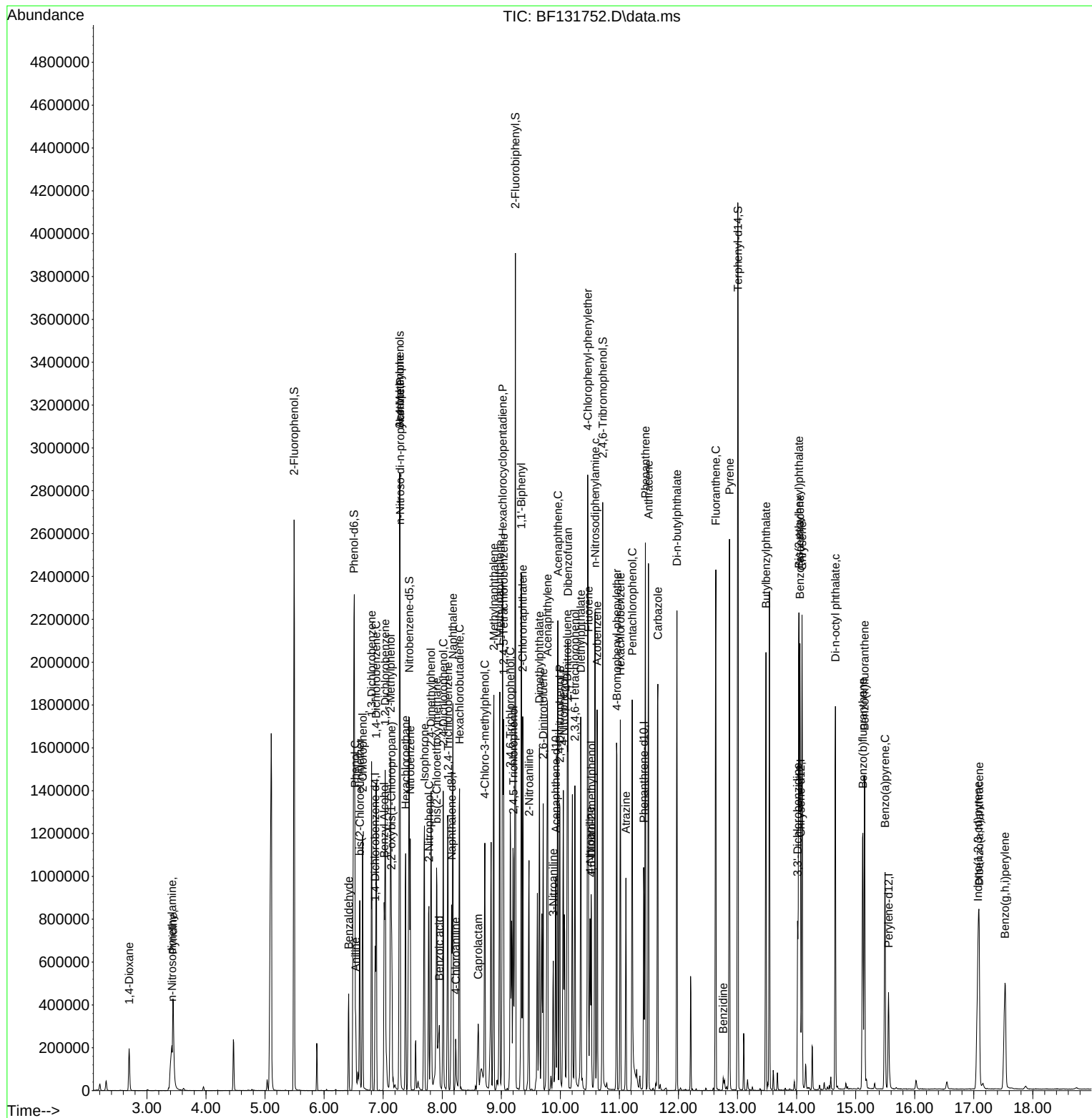
Quant Time: Dec 22 05:48:45 2022

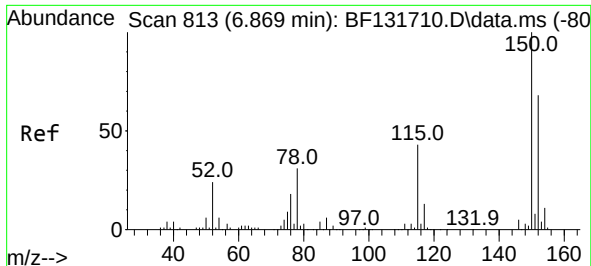
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M

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QLast Update : Wed Dec 21 03:12:37 2022

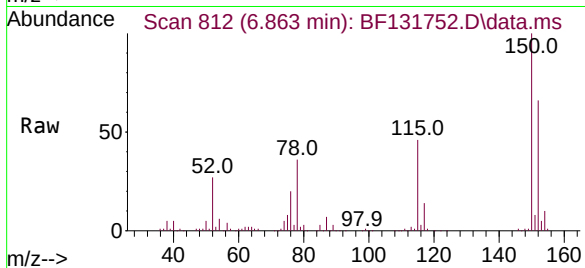
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52

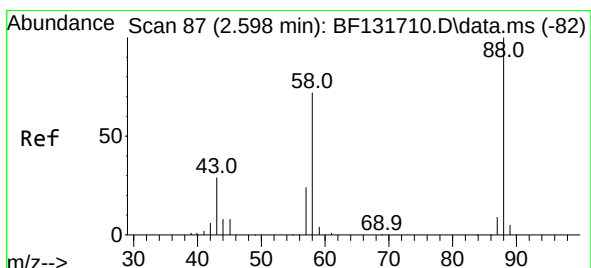
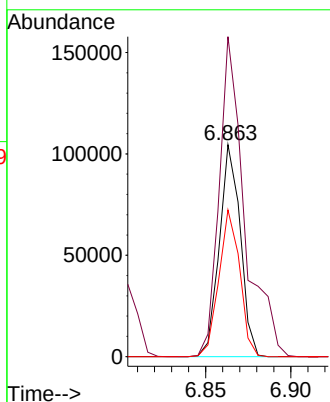
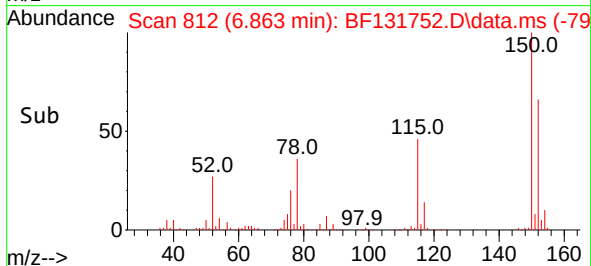
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Tgt Ion:152 Resp: 89262
 Ion Ratio Lower Upper
 152 100
 150 151.0 117.4 176.0
 115 69.2 50.2 75.4

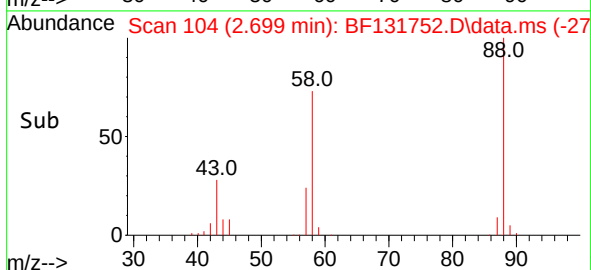
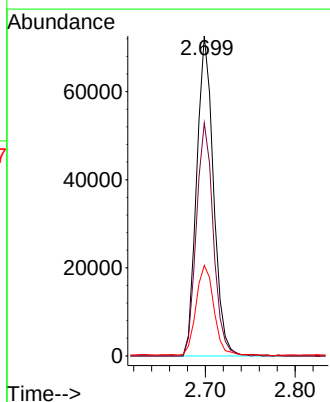
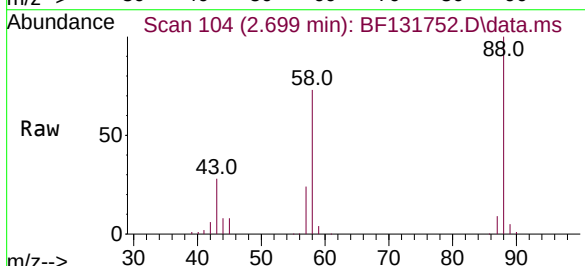
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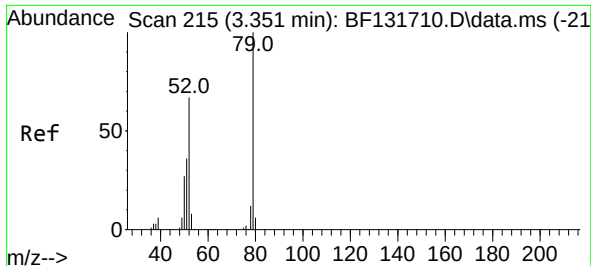
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#2
 1,4-Dioxane
 Concen: 38.170 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.100 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52

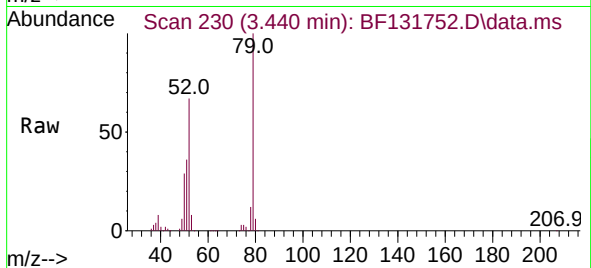
Tgt Ion: 88 Resp: 94554
 Ion Ratio Lower Upper
 88 100
 58 73.3 57.5 86.3
 43 31.1 23.3 34.9





#3
Pyridine
Concen: 35.125 ng
RT: 3.440 min Scan# 231
Delta R.T. 0.088 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

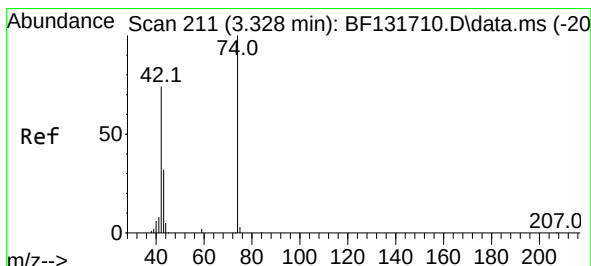
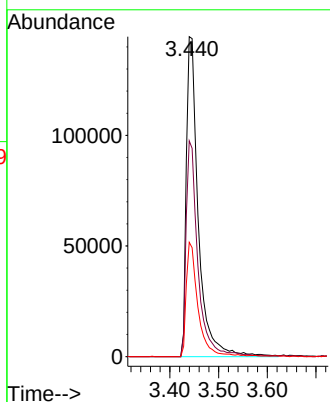
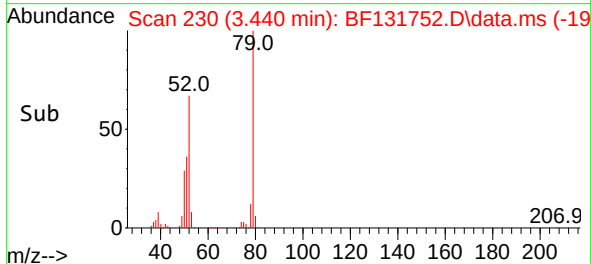
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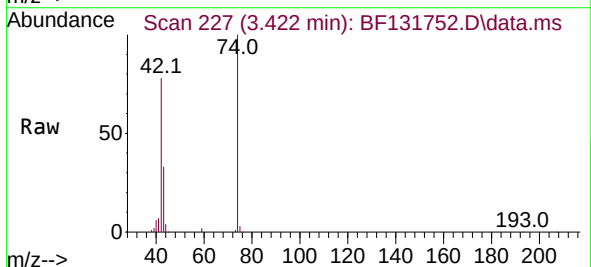
Tgt Ion: 79 Resp: 248108
Ion Ratio Lower Upper
79 100
52 67.4 53.7 80.5
51 35.7 28.6 42.8

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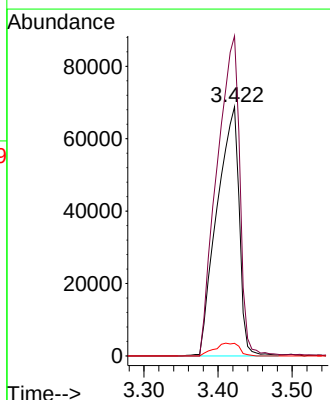
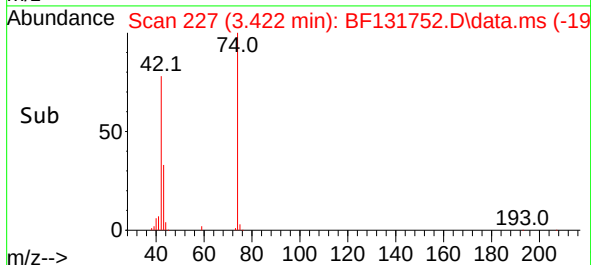
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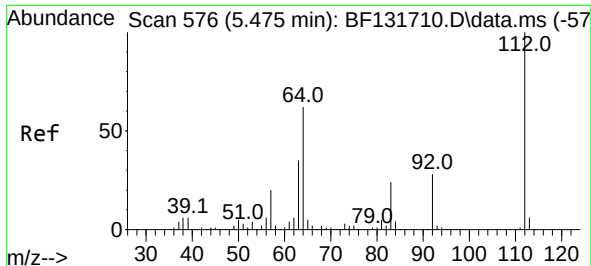


#4
n-Nitrosodimethylamine
Concen: 44.892 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.094 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion: 42 Resp: 143464
Ion Ratio Lower Upper
42 100
74 128.5 107.8 161.8
44 5.0 5.5 8.3





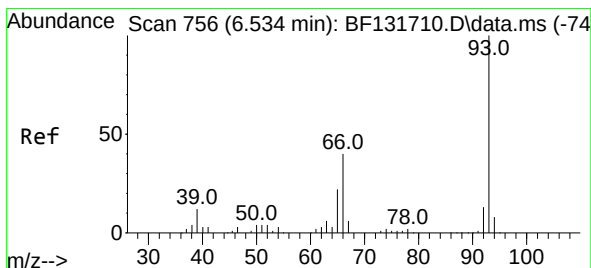
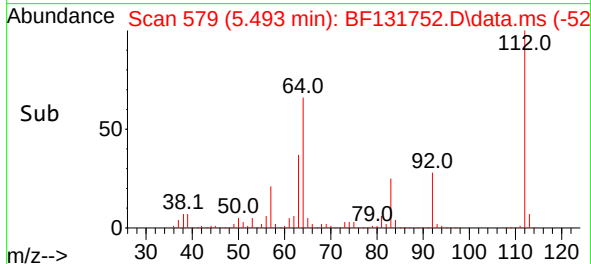
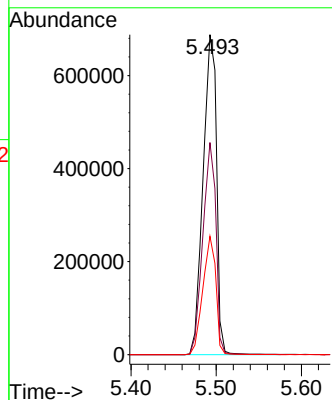
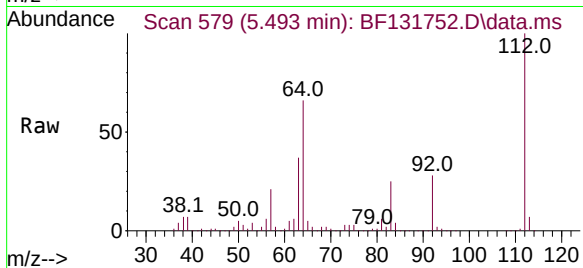
#5
2-Fluorophenol
Concen: 142.341 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131752.D
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Tgt Ion:112 Resp: 754543
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 37.0 28.2 42.2

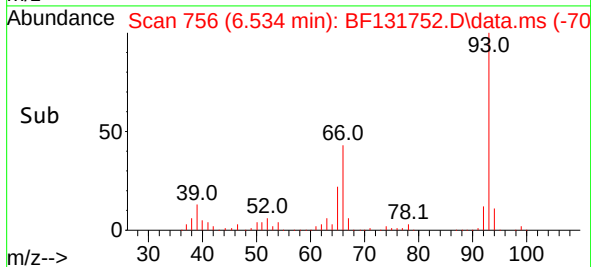
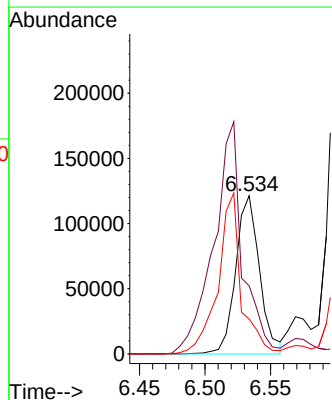
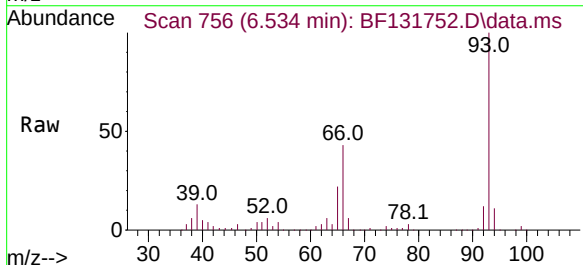
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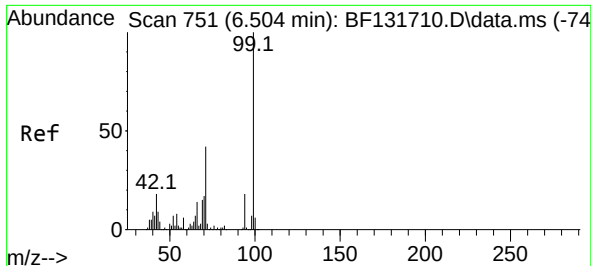
Reviewed By :Christian Giraldo 12/22/2022
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#6
Aniline
Concen: 17.444 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131752.D
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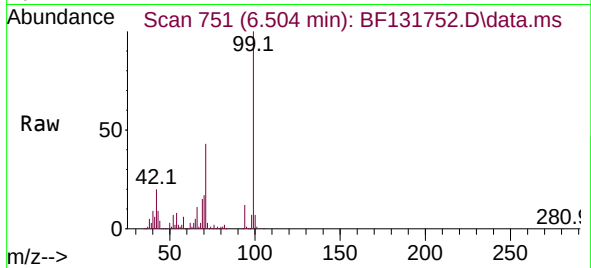
Tgt Ion: 93 Resp: 153656
Ion Ratio Lower Upper
93 100
66 43.0 32.8 49.2
65 22.0 17.4 26.2





#7
Phenol-d6
Concen: 136.744 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131752.D
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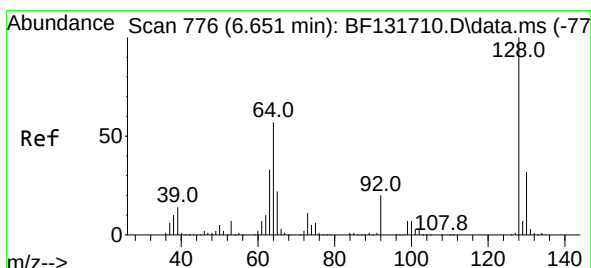
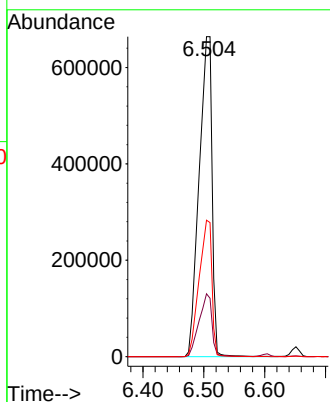
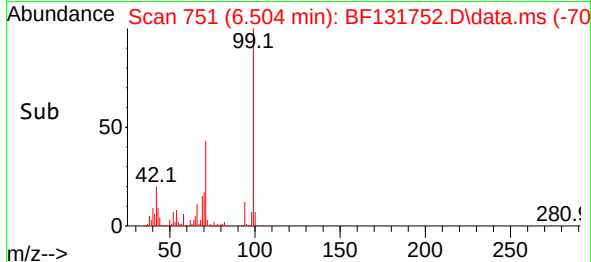
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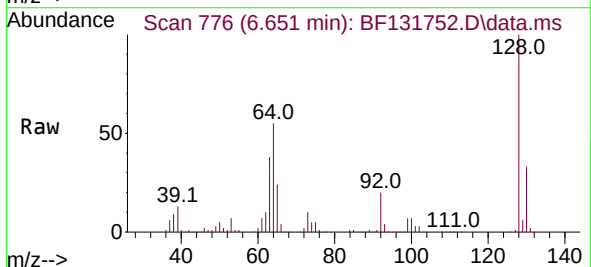
Tgt Ion: 99 Resp: 975658
Ion Ratio Lower Upper
99 100
42 19.6 14.8 22.2
71 42.6 33.8 50.6

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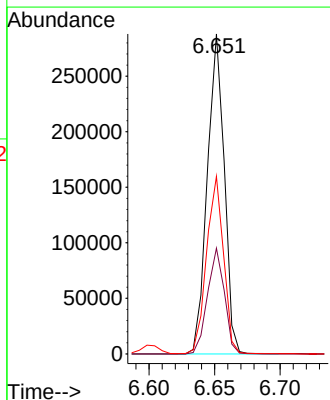
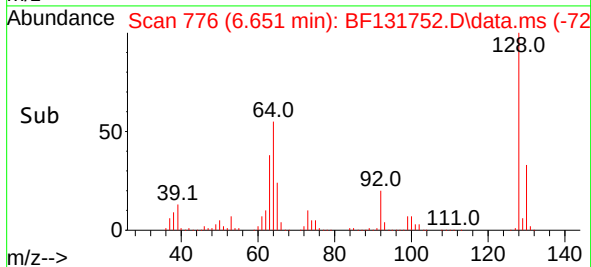
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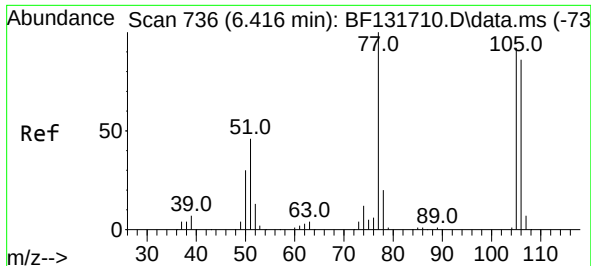


#8
2-Chlorophenol
Concen: 45.406 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:128 Resp: 258522
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 55.5 37.7 77.7





#9

Benzaldehyde

Concen: 17.857 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF131752.D

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Instrument :

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ClientSampleId :

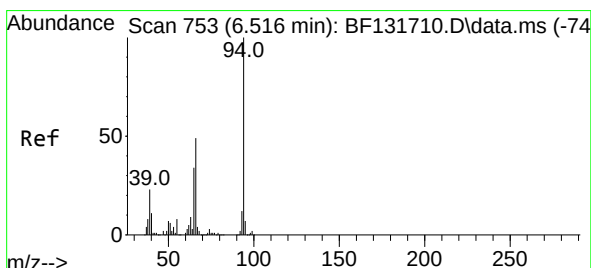
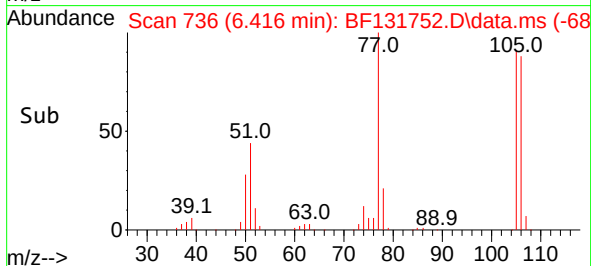
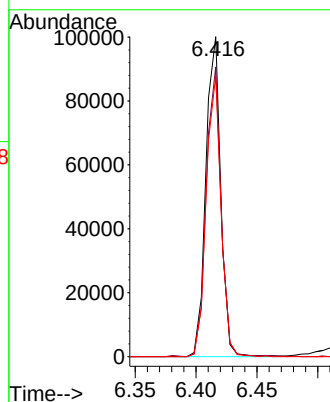
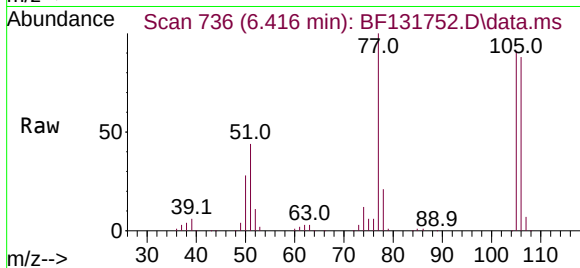
PB149691BS

Tgt Ion: 77	Resp: 84931
Ion Ratio	Lower Upper
77 100	
105 90.5	72.4 112.4
106 87.8	66.5 106.5

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#10

Phenol

Concen: 41.959 ng

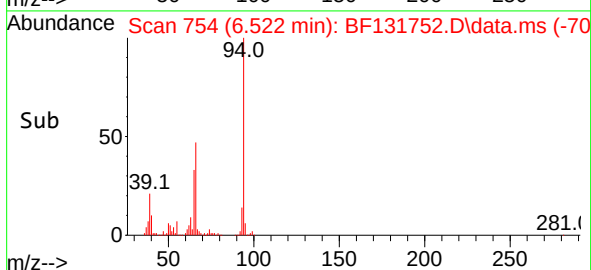
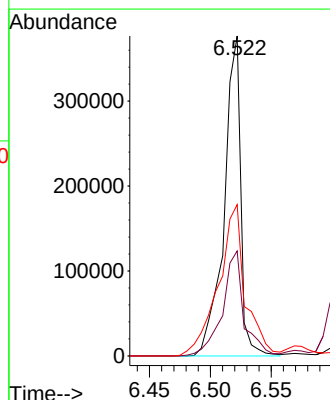
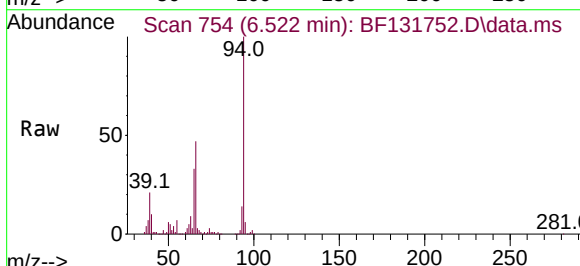
RT: 6.522 min Scan# 754

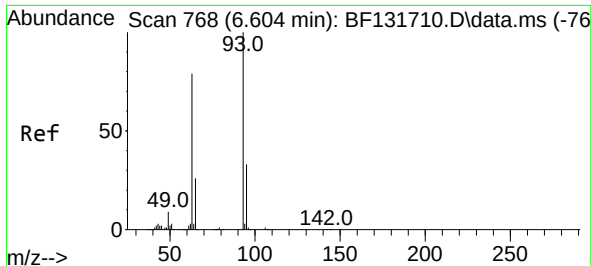
Delta R.T. 0.006 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

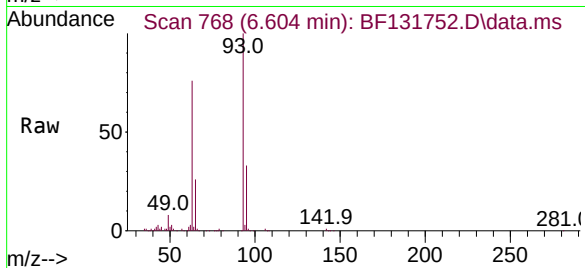
Tgt Ion: 94	Resp: 357431
Ion Ratio	Lower Upper
94 100	
65 32.8	14.0 54.0
66 47.3	28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 48.089 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

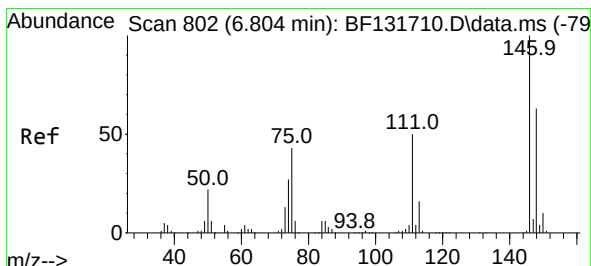
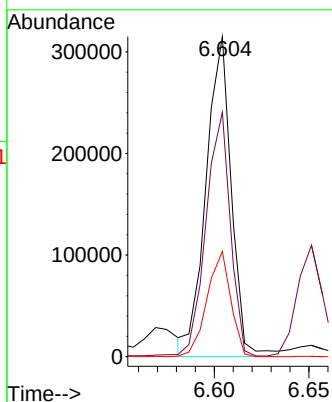
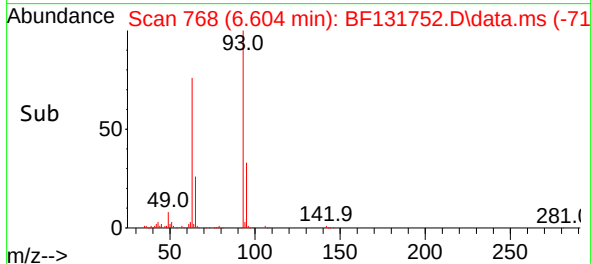
Instrument :
BNA_F
ClientSampleId :
PB149691BS



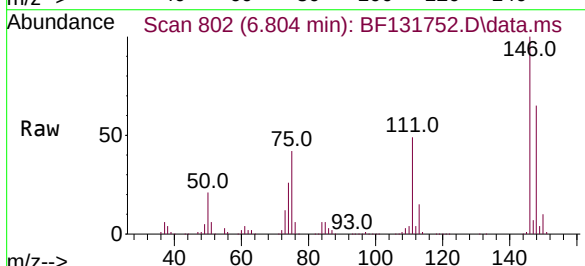
Tgt Ion: 93 Resp: 293149
Ion Ratio Lower Upper
93 100
63 76.4 59.0 99.0
95 32.9 12.6 52.6

Manual Integrations
APPROVED

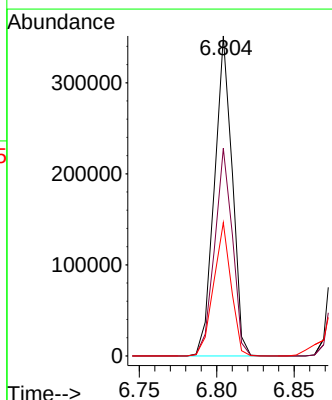
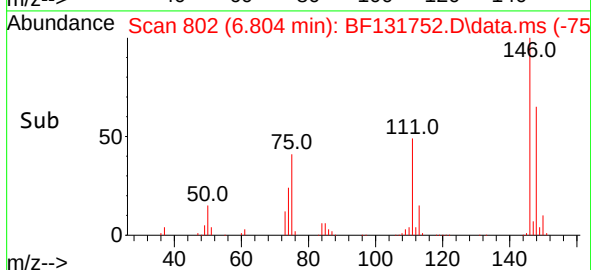
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

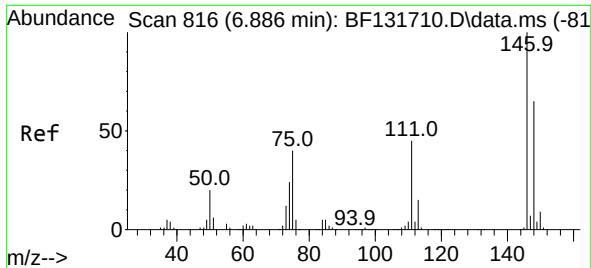


#12
1,3-Dichlorobenzene
Concen: 43.694 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



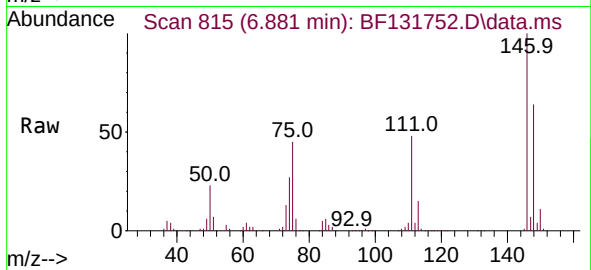
Tgt Ion:146 Resp: 281217
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
75 41.6 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 43.477 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

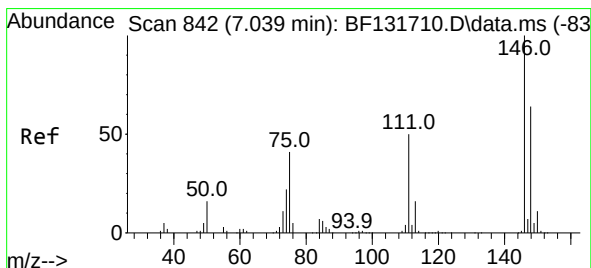
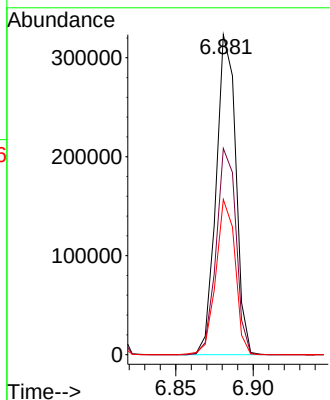
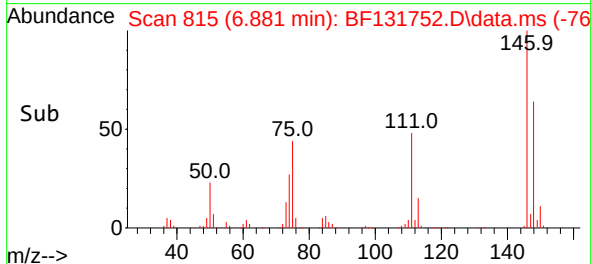
Instrument :
BNA_F
ClientSampleId :
PB149691BS



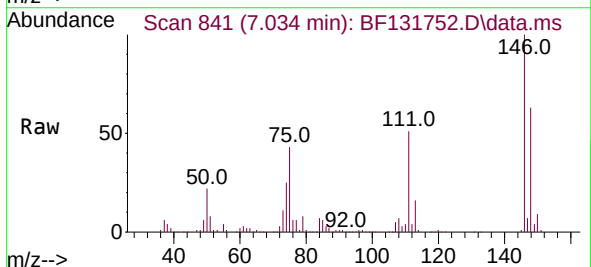
Tgt Ion:146 Resp: 286027
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 48.5 36.4 54.6

Manual Integrations
APPROVED

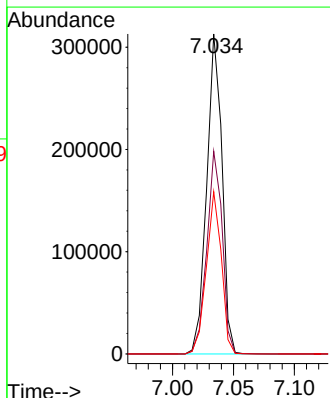
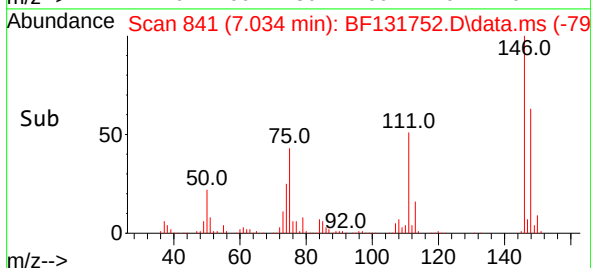
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

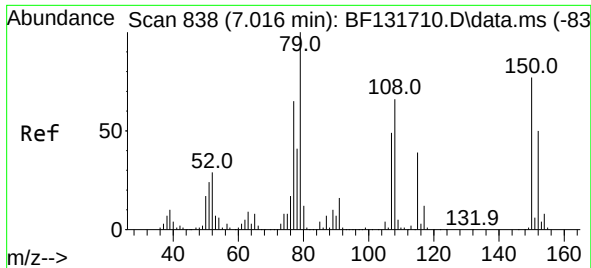


#14
1,2-Dichlorobenzene
Concen: 44.419 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



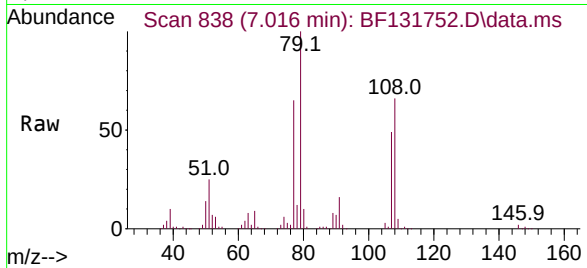
Tgt Ion:146 Resp: 273603
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
111 50.7 39.8 59.6





#15
Benzyl Alcohol
Concen: 39.902 ng m
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

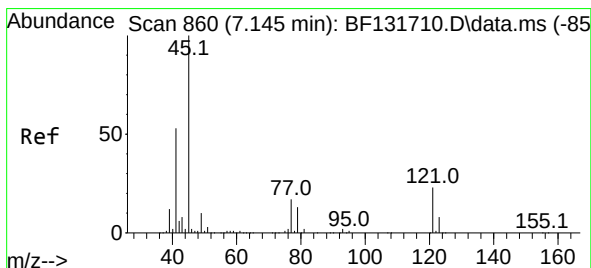
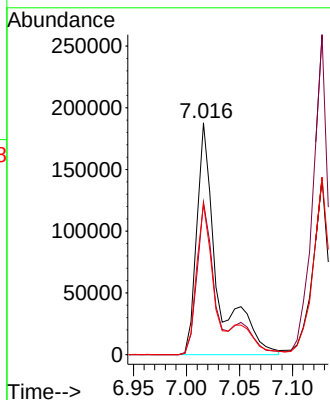
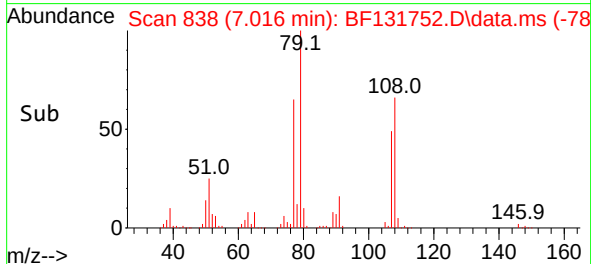
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion: 79 Resp: 254286
Ion Ratio Lower Upper
79 100
108 65.9 52.6 78.8
77 64.9 51.7 77.5

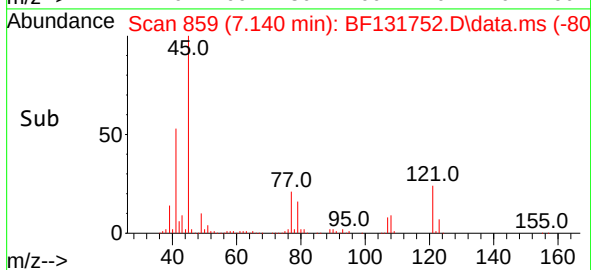
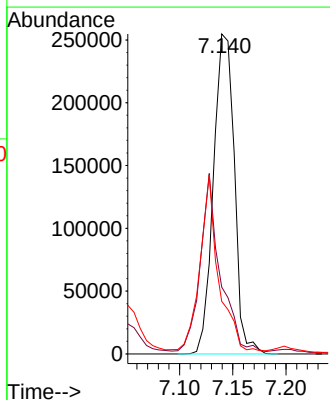
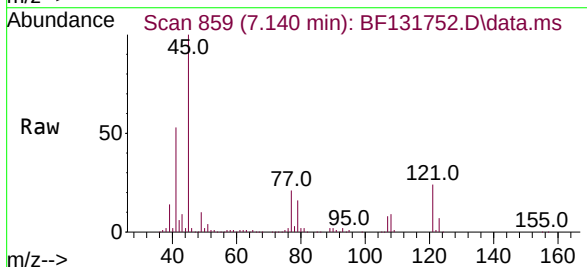
Manual Integrations
APPROVED

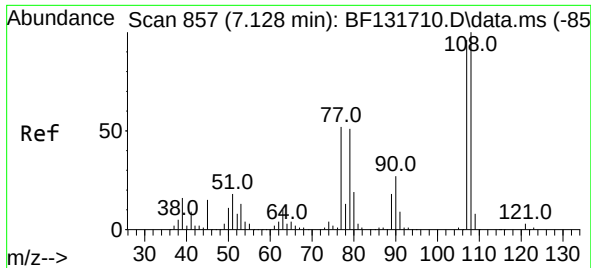
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.780 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

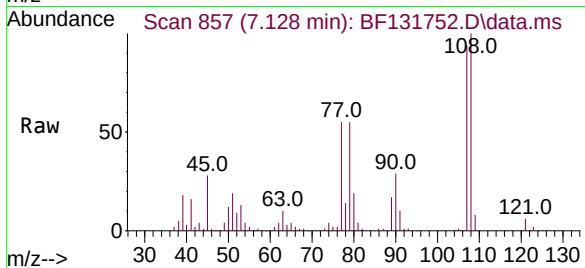
Tgt Ion: 45 Resp: 348073
Ion Ratio Lower Upper
45 100
77 20.9 0.0 36.8
79 16.4 0.0 33.1





#17
2-Methylphenol
Concen: 42.755 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

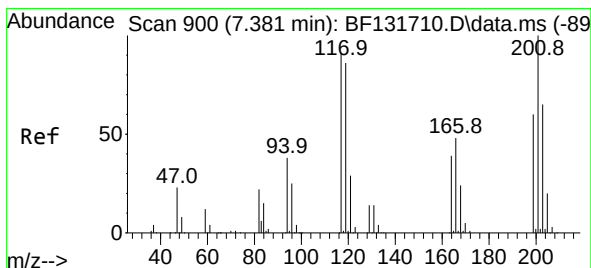
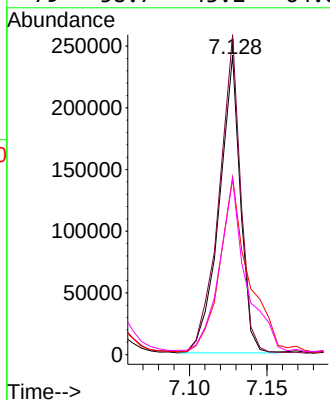
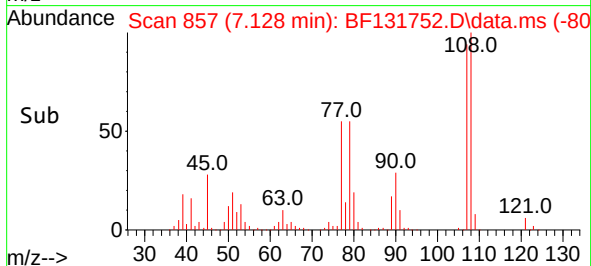
Instrument :
BNA_F
ClientSampleId :
PB149691BS



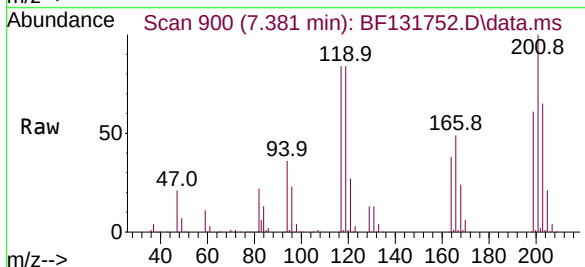
Tgt Ion:107 Resp: 229808
Ion Ratio Lower Upper
107 100
108 106.9 83.8 125.6
77 59.2 43.8 65.8
79 58.7 43.2 64.8

Manual Integrations
APPROVED

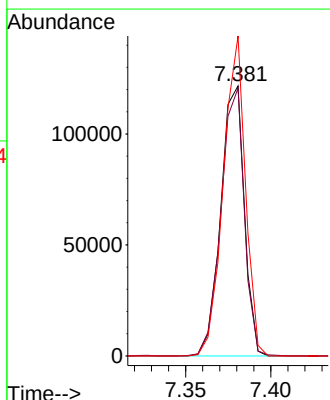
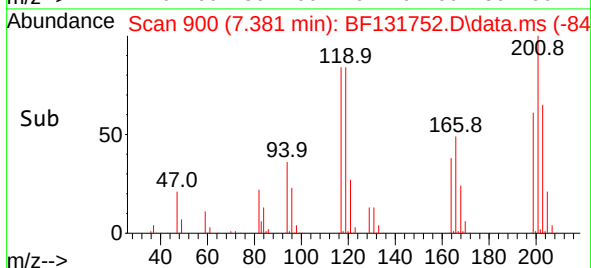
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

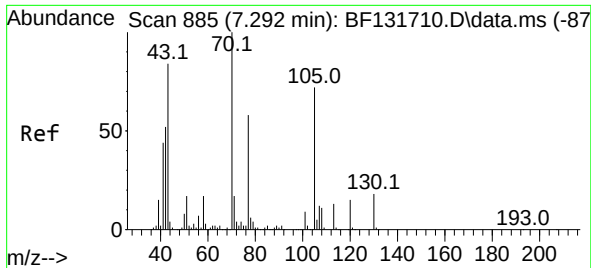


#18
Hexachloroethane
Concen: 44.836 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:117 Resp: 116928
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
201 118.5 88.2 132.4





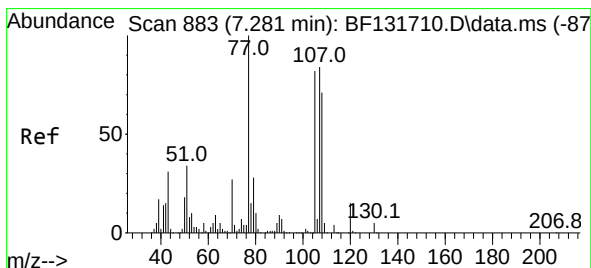
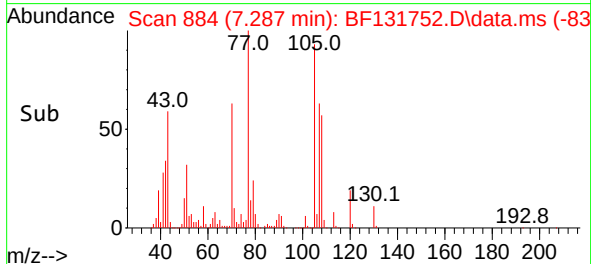
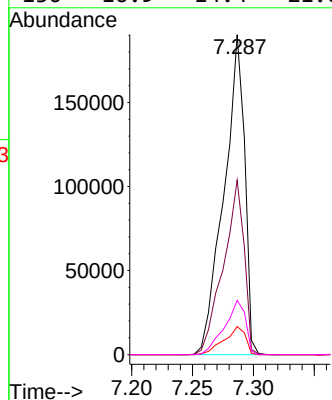
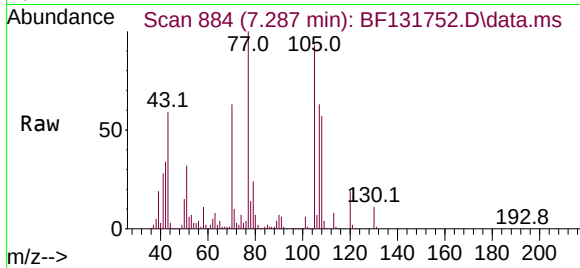
#19
n-Nitroso-di-n-propylamine
Concen: 43.718 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Tgt Ion: 70 Resp: 224962
Ion Ratio Lower Upper
70 100
42 54.5 41.5 62.3
101 8.8 7.3 10.9
130 16.9 14.4 21.6

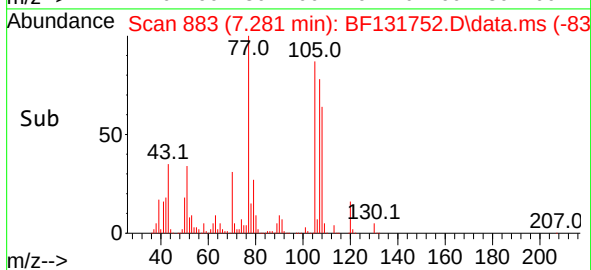
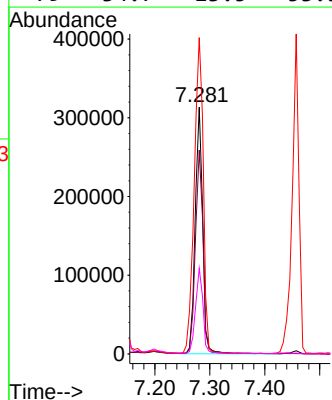
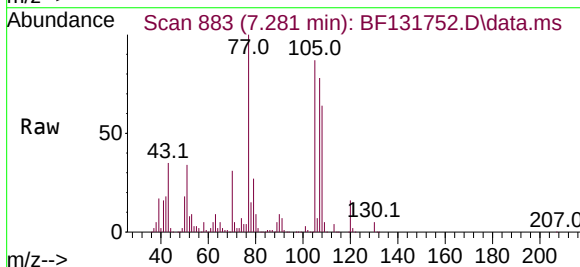
Manual Integrations
APPROVED

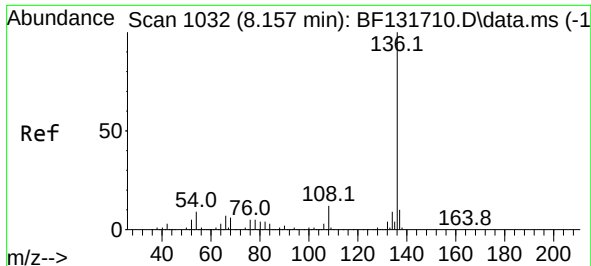
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#20
3+4-Methylphenols
Concen: 43.142 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:107 Resp: 298445
Ion Ratio Lower Upper
107 100
108 82.7 65.2 105.2
77 128.3 99.6 139.6
79 34.7 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: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

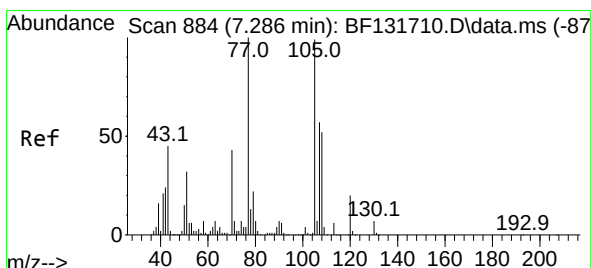
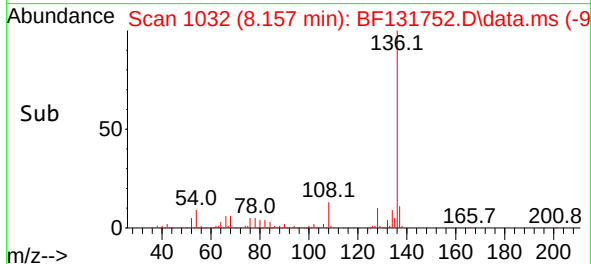
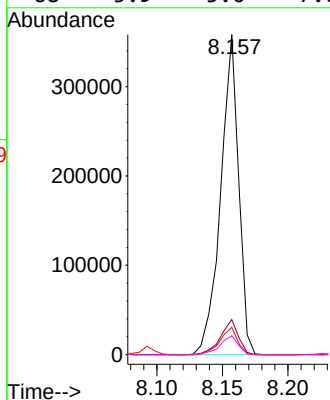
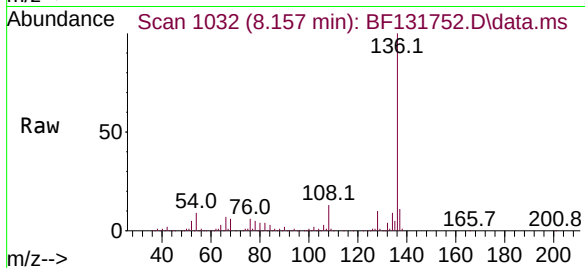
PB149691BS

Tgt Ion:136 Resp: 341495
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 7.2 10.8
68 5.9 5.0 7.6

Manual Integrations

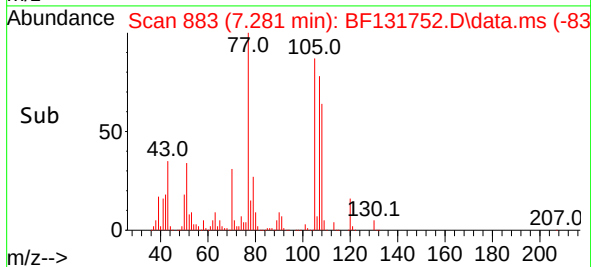
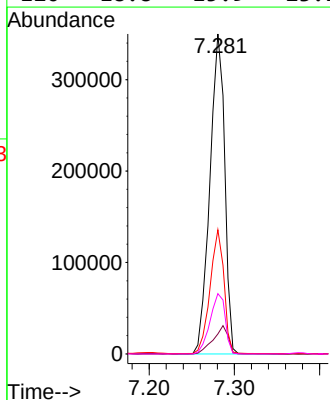
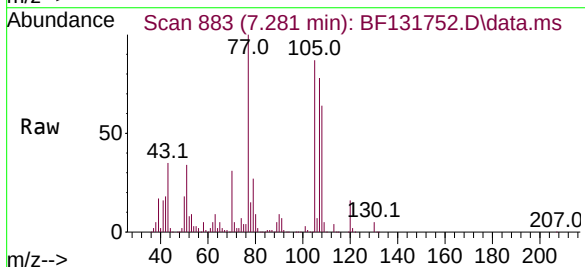
APPROVED

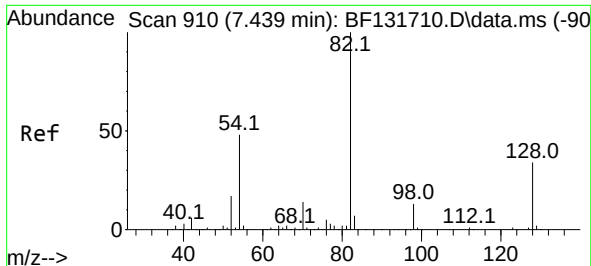
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#22
Acetophenone
Concen: 42.460 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:105 Resp: 423148
Ion Ratio Lower Upper
105 100
71 6.2 5.5 8.3
51 38.8 25.5 38.3#
120 18.8 15.9 23.9





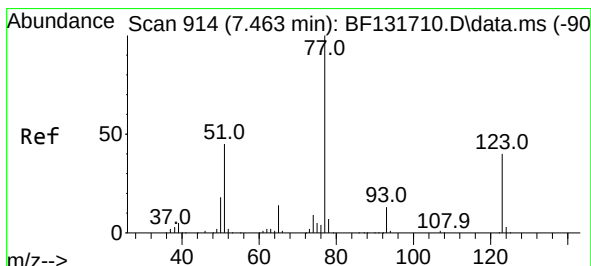
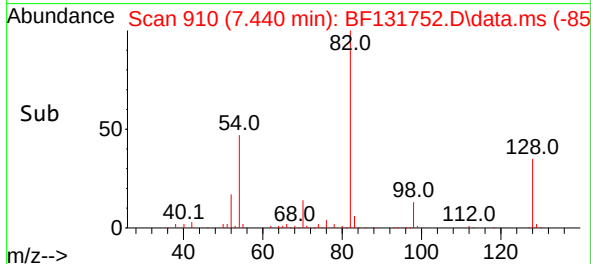
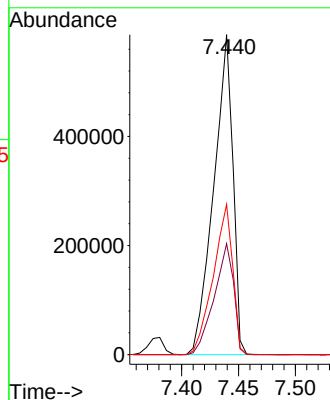
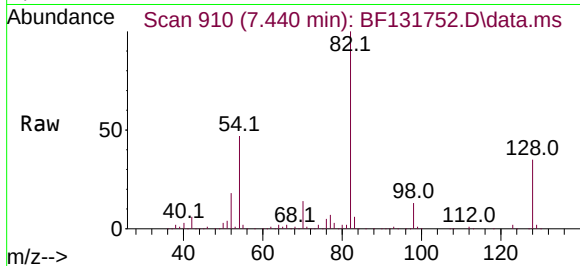
#23
Nitrobenzene-d5
Concen: 81.756 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Tgt Ion: 82 Resp: 687732
Ion Ratio Lower Upper
82 100
128 34.7 27.3 40.9
54 46.9 38.2 57.2

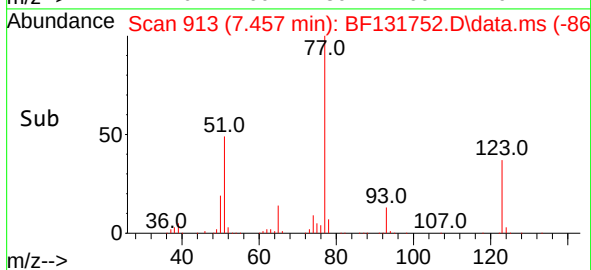
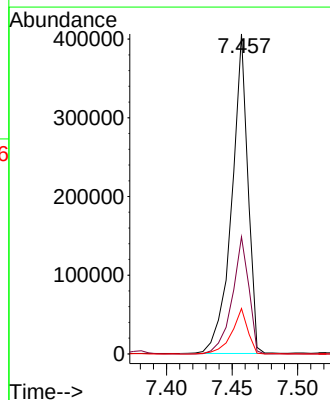
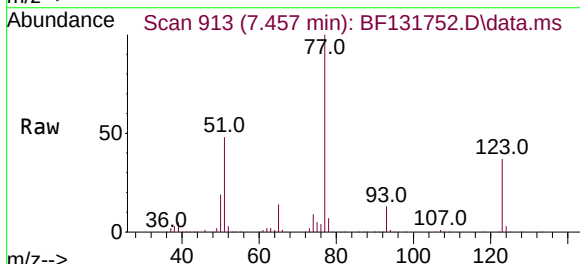
Manual Integrations
APPROVED

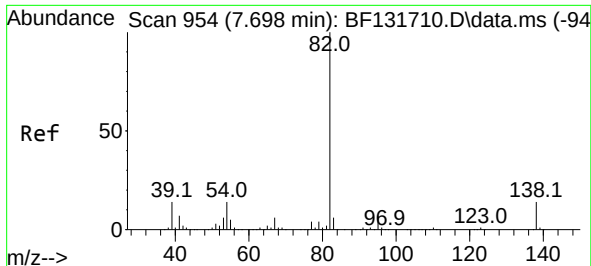
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 40.652 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

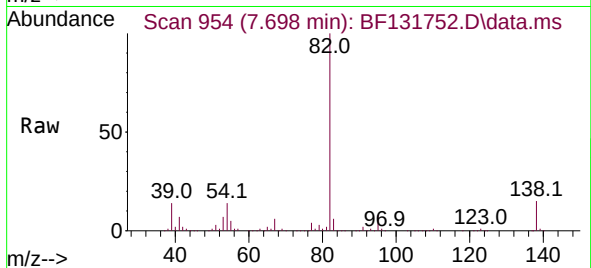
Tgt Ion: 77 Resp: 347649
Ion Ratio Lower Upper
77 100
123 36.6 31.8 47.6
65 14.2 10.9 16.3





#25
Isophorone
Concen: 43.440 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

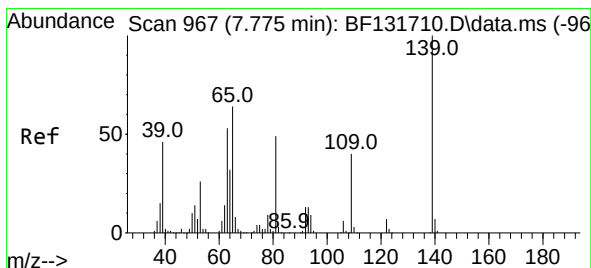
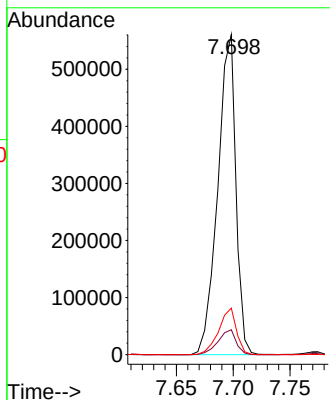
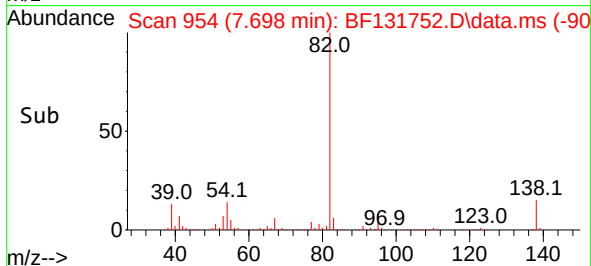
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion: 82 Resp: 620571
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 14.5 11.6 17.4

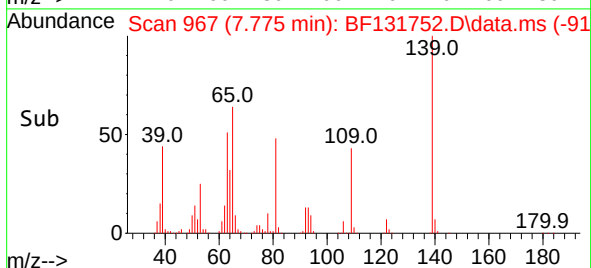
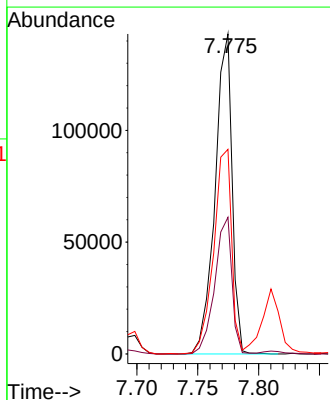
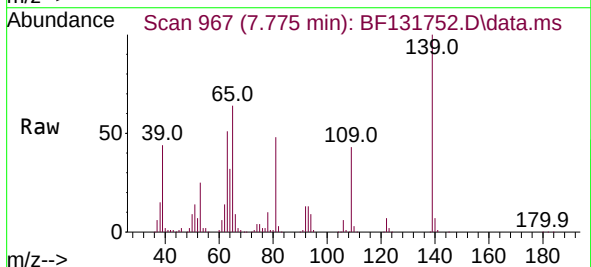
Manual Integrations
APPROVED

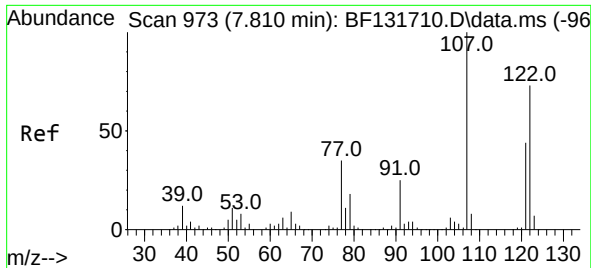
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 41.622 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:139 Resp: 139106
Ion Ratio Lower Upper
139 100
109 42.7 31.8 47.6
65 63.9 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 48.911 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

Tgt Ion:122 Resp: 232823

Ion Ratio Lower Upper

122 100

107 135.1 110.1 165.1

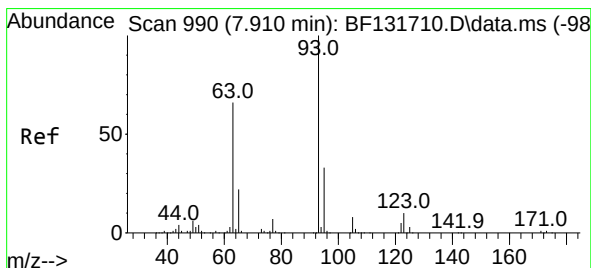
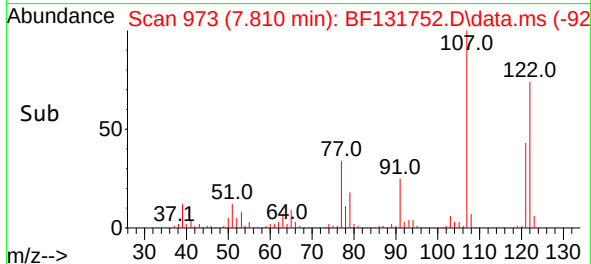
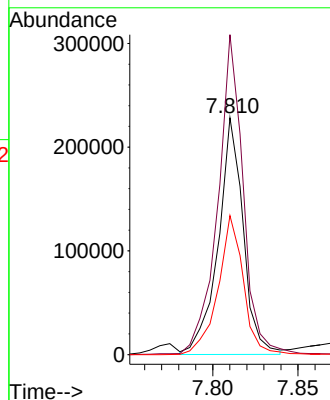
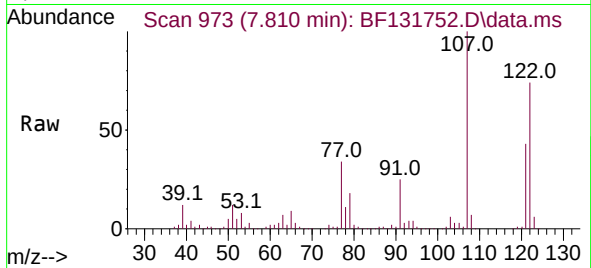
121 58.7 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.466 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

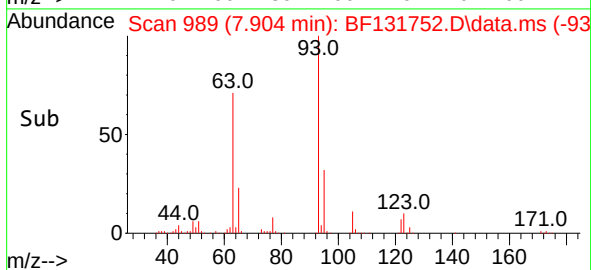
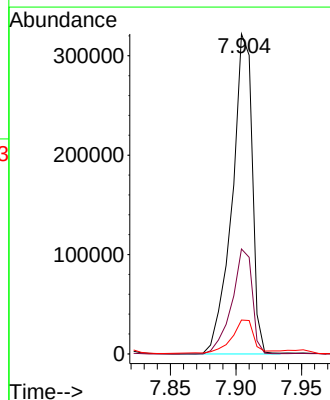
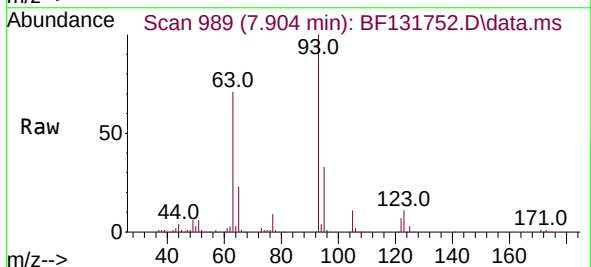
Tgt Ion: 93 Resp: 344912

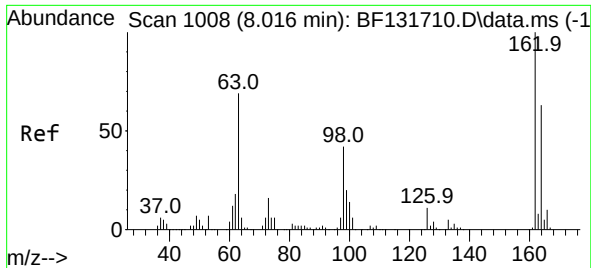
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.866 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

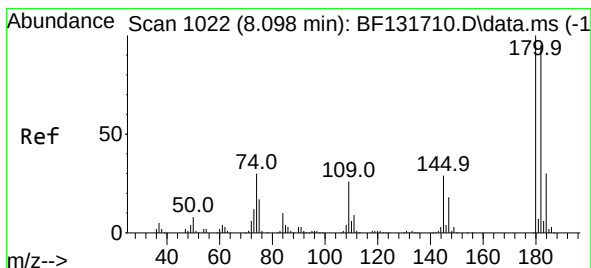
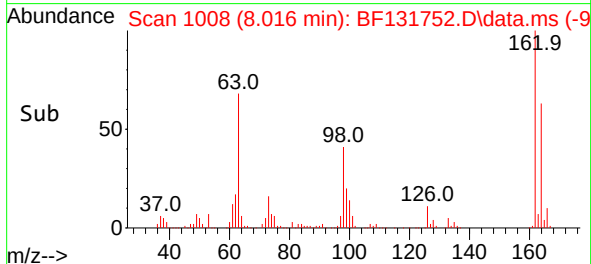
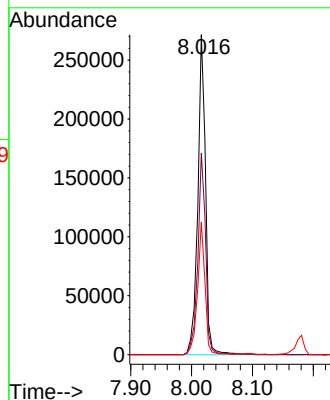
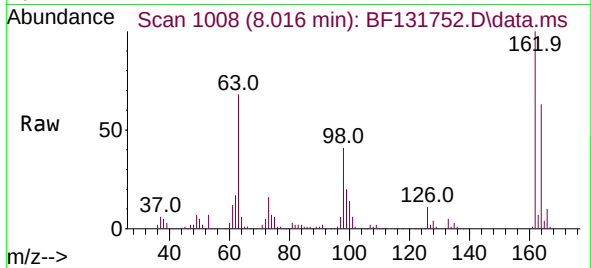
PB149691BS

Tgt Ion:162 Resp: 240585
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.9 82.9
 98 41.4 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: 41.042 ng

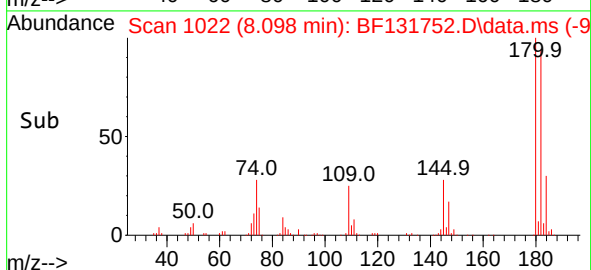
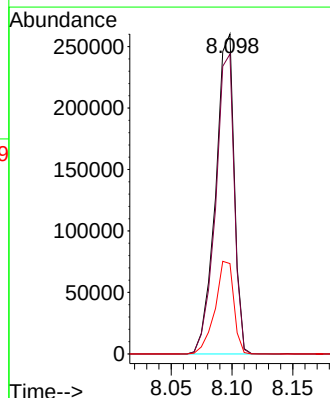
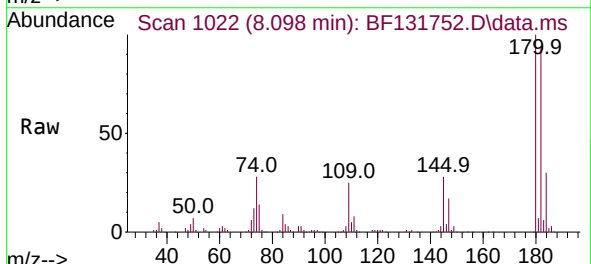
RT: 8.098 min Scan# 1022

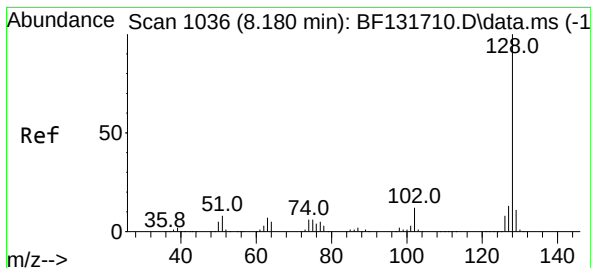
Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Tgt Ion:180 Resp: 277265
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.1 114.1
 145 28.2 23.4 35.0





#31

Naphthalene

Concen: 40.122 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

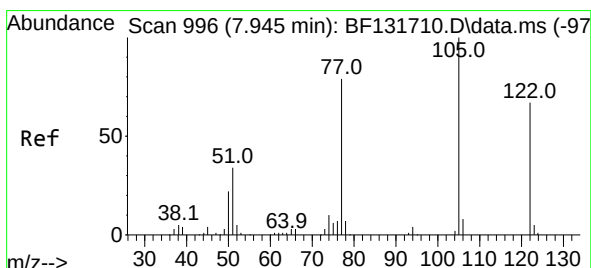
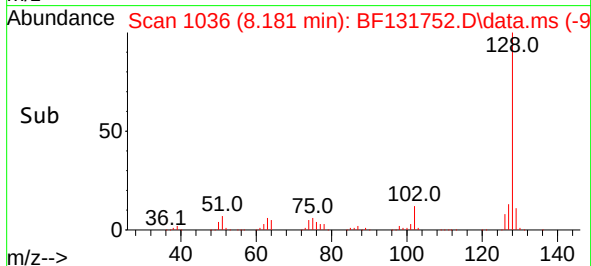
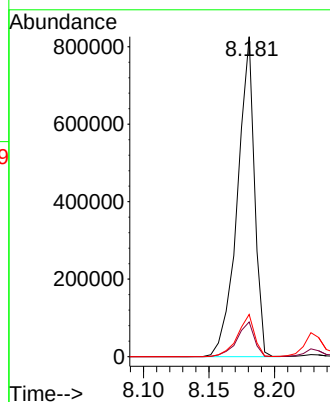
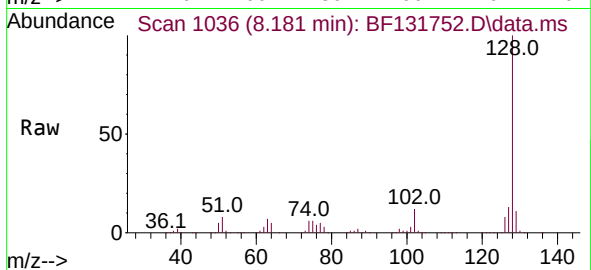
PB149691BS

Tgt Ion:128 Resp: 748284
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.9 13.3
 127 13.2 10.6 15.8

Manual Integrations

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



#32

Benzoic acid

Concen: 45.625 ng

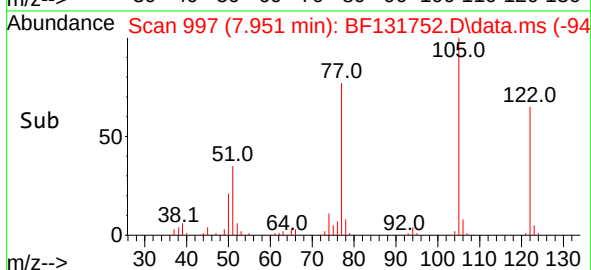
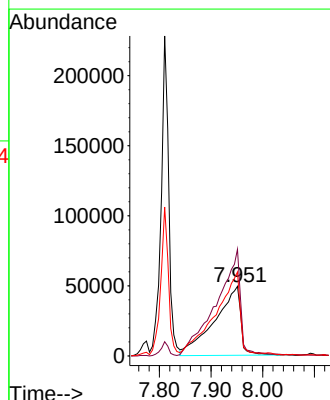
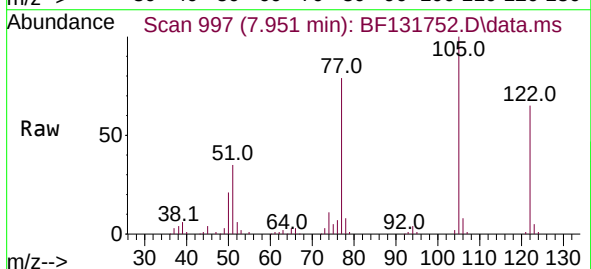
RT: 7.951 min Scan# 997

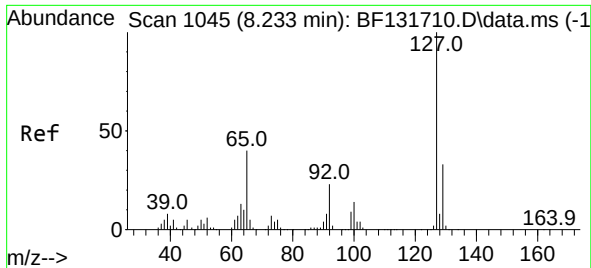
Delta R.T. 0.006 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Tgt Ion:122 Resp: 173849
 Ion Ratio Lower Upper
 122 100
 105 153.2 125.1 165.1
 77 120.6 95.3 135.3





#33
4-Chloroaniline
Concen: 10.476 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

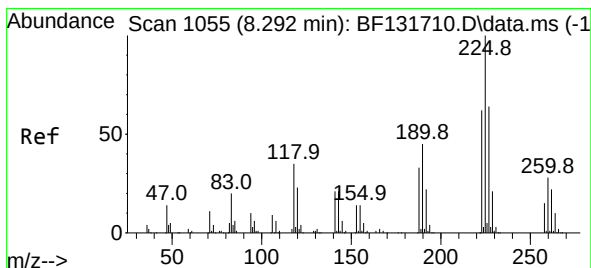
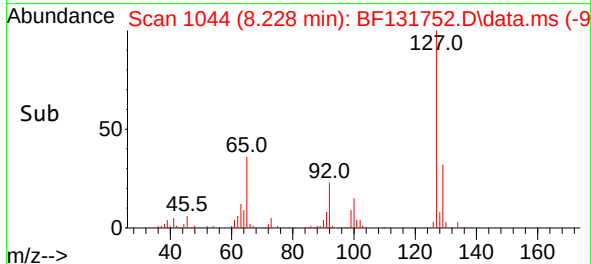
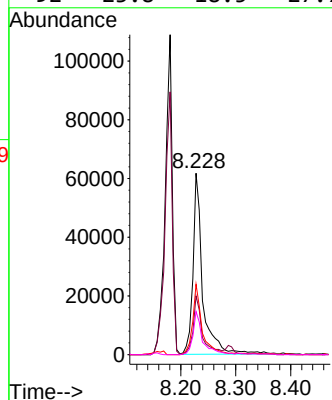
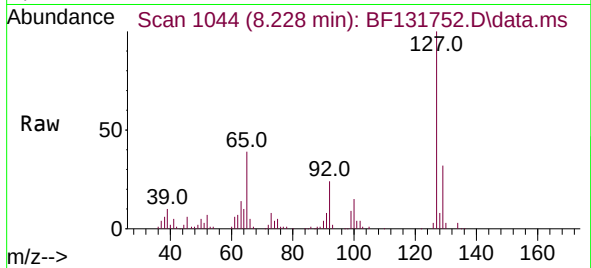
PB149691BS

Tgt Ion:127 Resp: 76195
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1
65 38.8 31.8 47.6
92 23.8 18.5 27.7

Manual Integrations

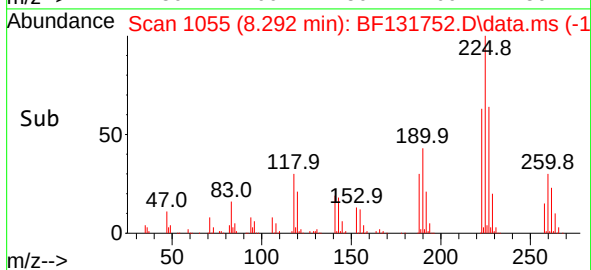
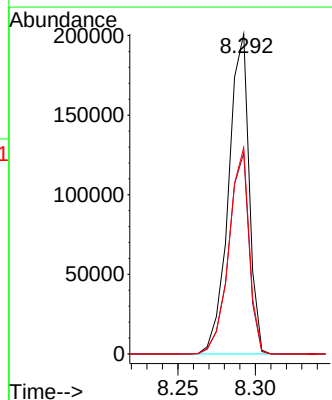
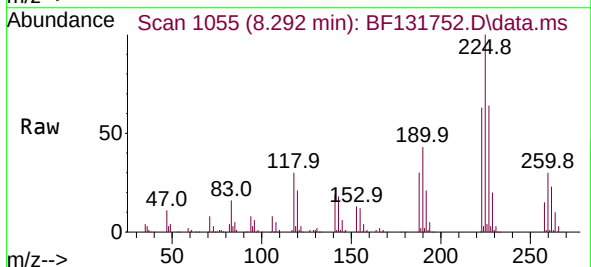
APPROVED

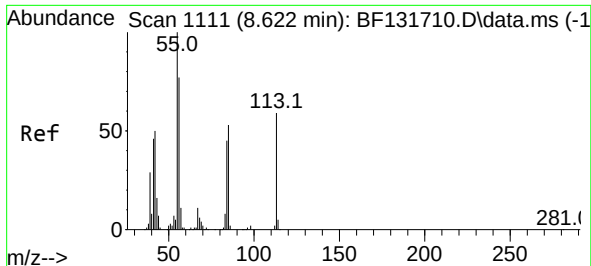
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 40.890 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

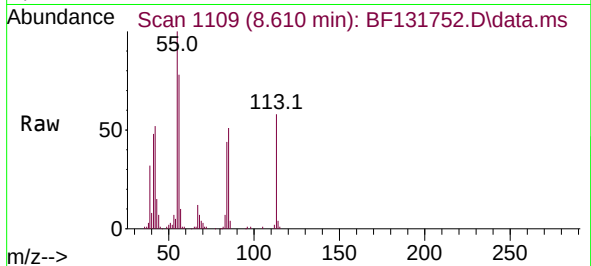
Tgt Ion:225 Resp: 185853
Ion Ratio Lower Upper
225 100
223 62.7 49.5 74.3
227 64.5 51.0 76.4





#35
Caprolactam
Concen: 41.128 ng m
RT: 8.610 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

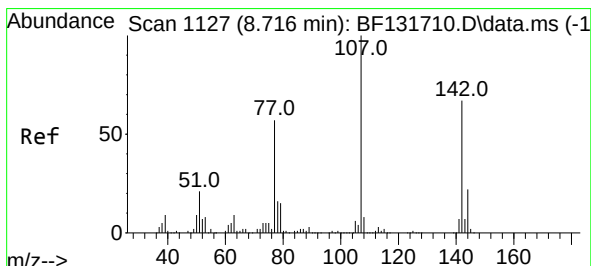
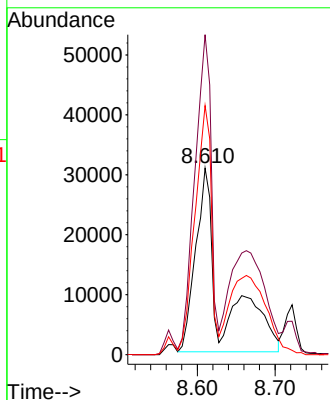
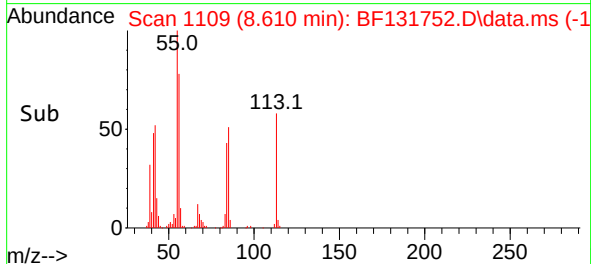
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion:113 Resp: 71266
Ion Ratio Lower Upper
113 100
55 171.7 149.0 189.0
56 133.6 109.5 149.5

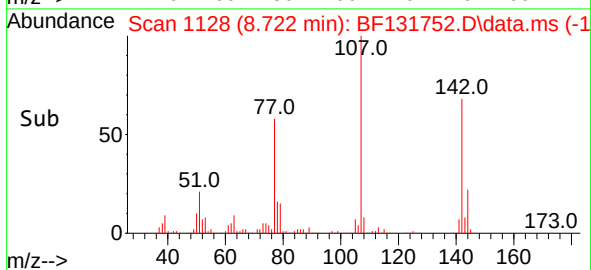
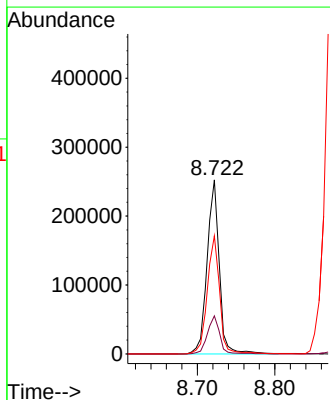
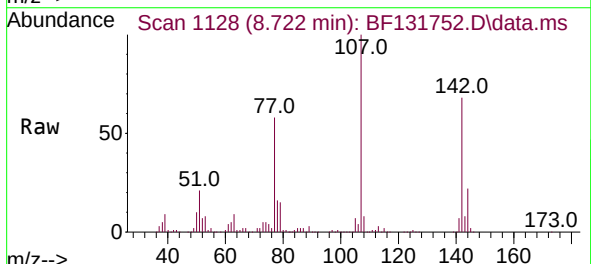
Manual Integrations
APPROVED

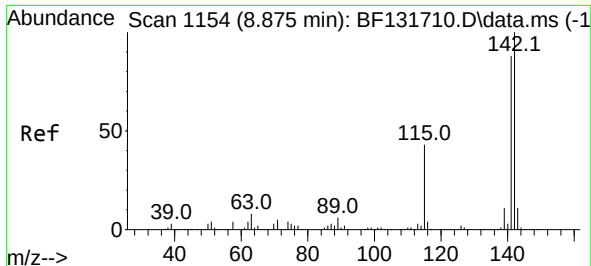
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 42.040 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:107 Resp: 275972
Ion Ratio Lower Upper
107 100
144 21.9 17.5 26.3
142 67.8 53.4 80.0





#37

2-Methylnaphthalene

Concen: 39.823 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

Tgt Ion:142 Resp: 506619

Ion Ratio Lower Upper

142 100

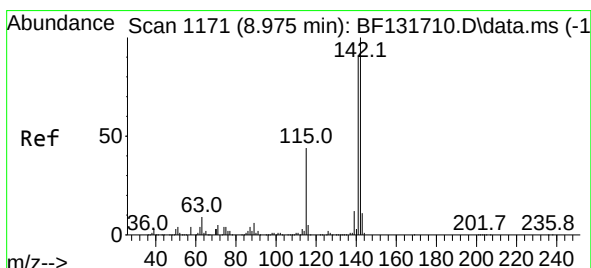
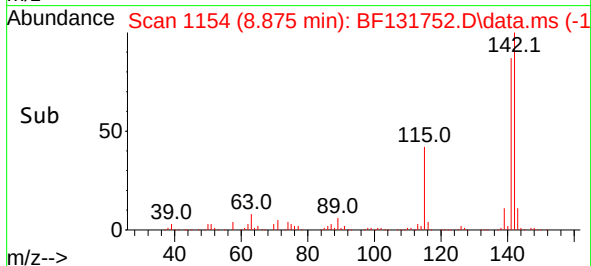
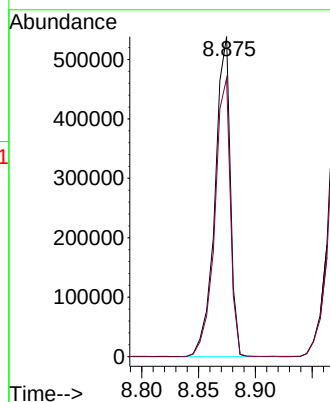
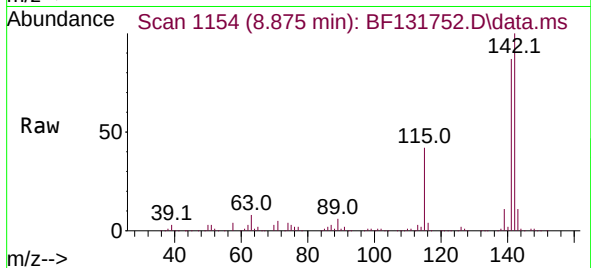
141 87.0 70.4 105.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#38

1-Methylnaphthalene

Concen: 38.926 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131752.D

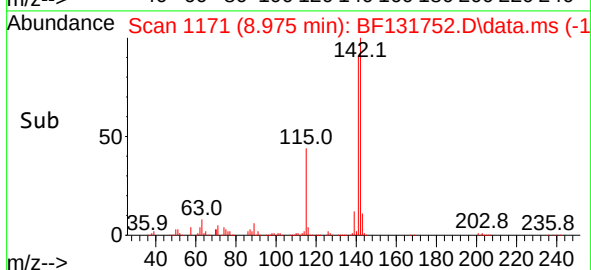
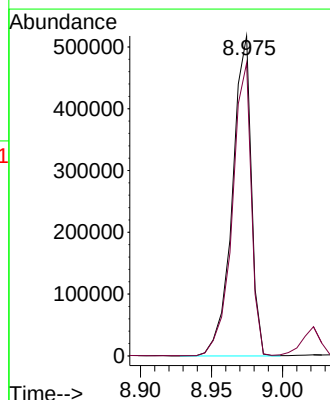
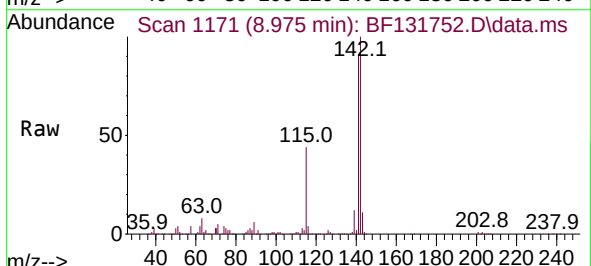
Acq: 21 Dec 2022 18:52

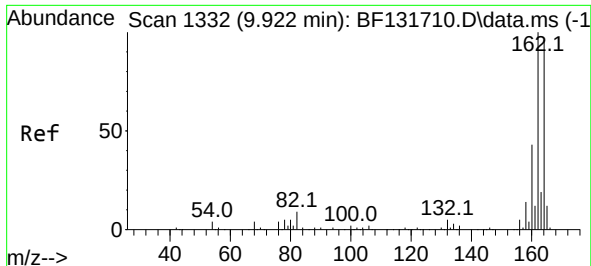
Tgt Ion:142 Resp: 479613

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.6





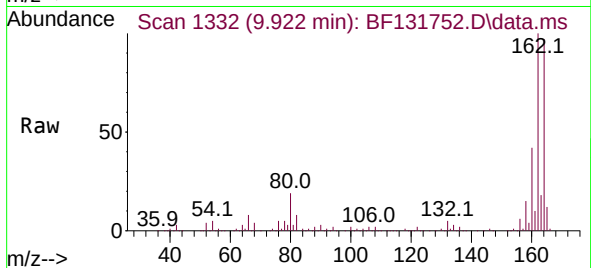
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

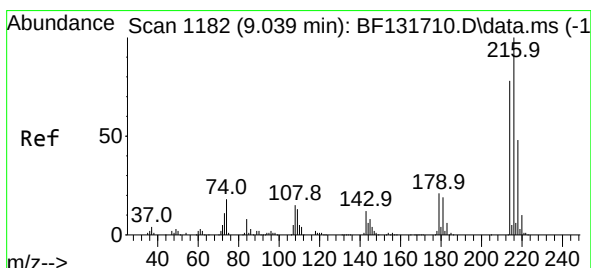
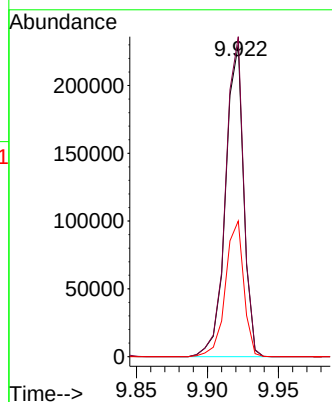
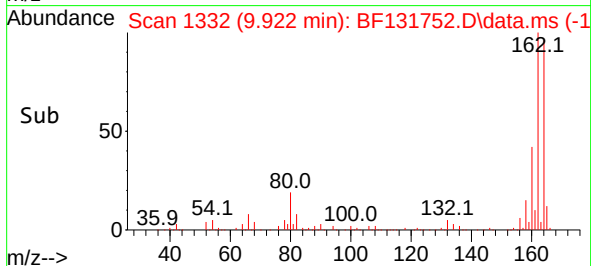


Tgt Ion:164 Resp: 204199
Ion Ratio Lower Upper
164 100
162 102.6 83.7 125.5
160 43.5 36.2 54.4

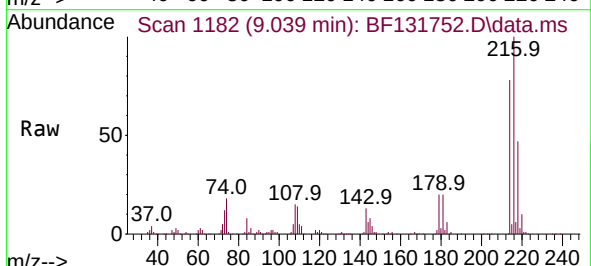
Manual Integrations

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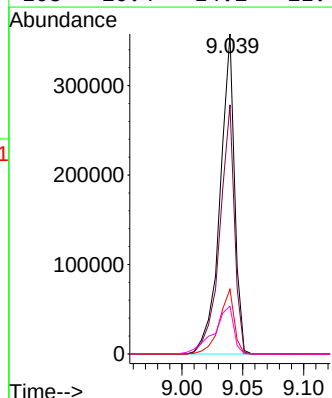
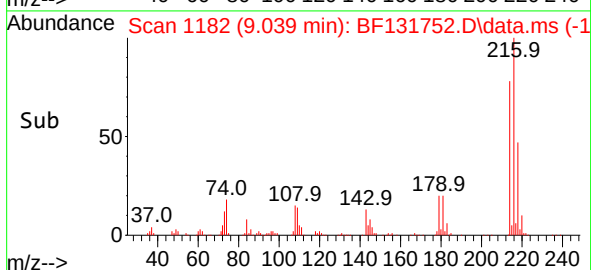
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

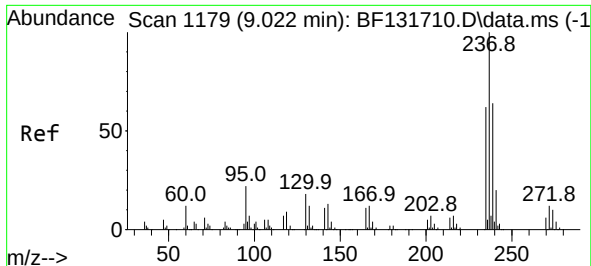


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.302 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



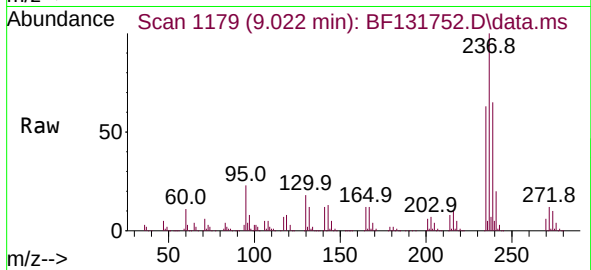
Tgt Ion:216 Resp: 295529
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.6 16.3 24.5
108 20.4 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 115.136 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

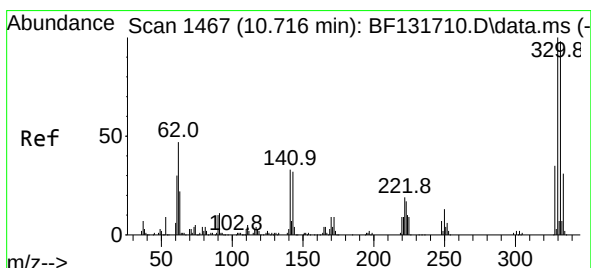
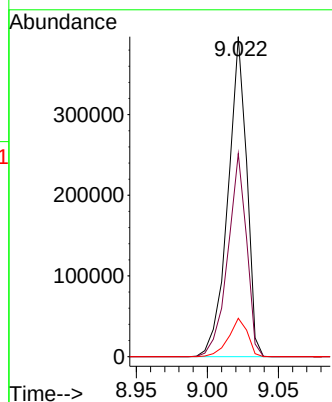
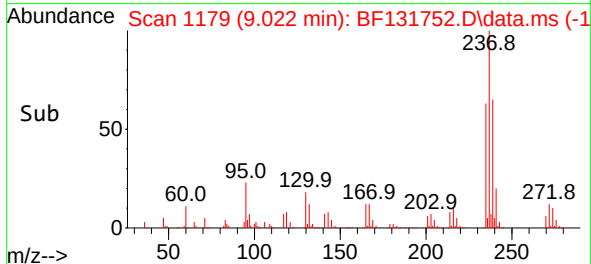
Instrument :
BNA_F
ClientSampleId :
PB149691BS



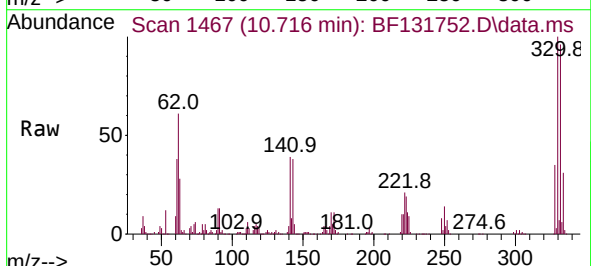
Tgt Ion: 237 Resp: 364425
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 12.0 0.0 31.7

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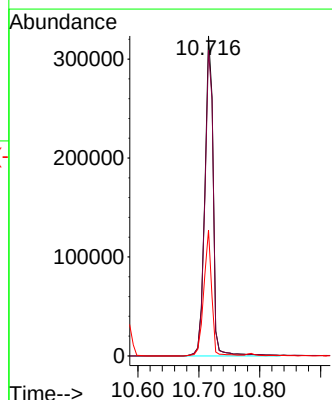
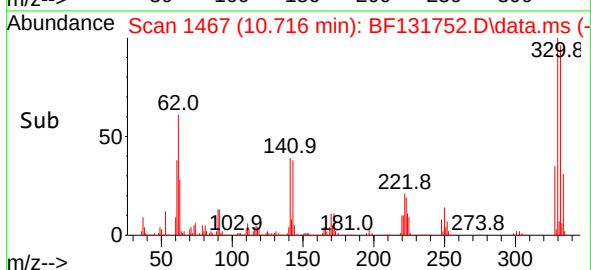
Reviewed By : Christian Giraldo 12/22/2022
Supervised By : Jagrut Upadhyay 12/22/2022

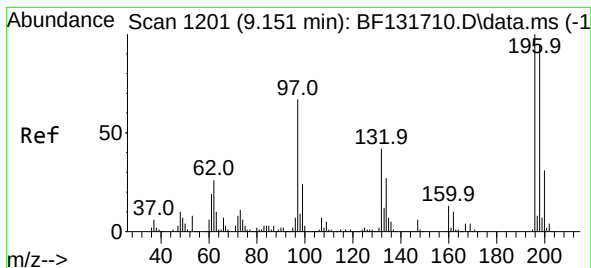


#42
2,4,6-Tribromophenol
Concen: 136.837 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



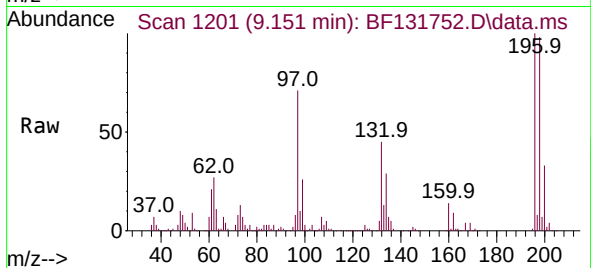
Tgt Ion: 330 Resp: 305836
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 37.1 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 39.172 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

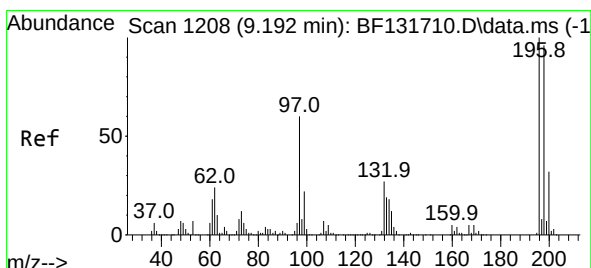
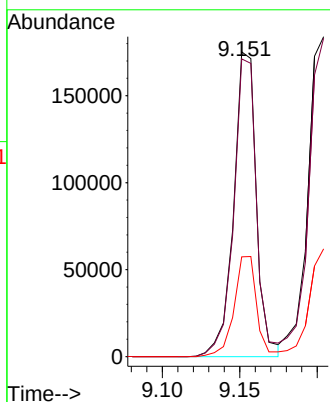
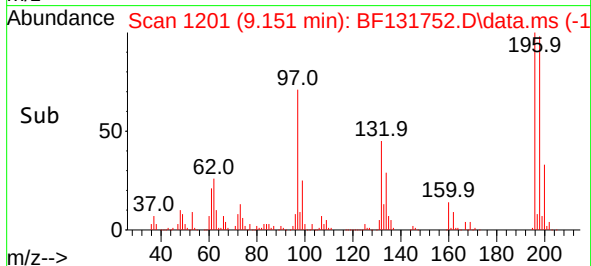
Instrument :
BNA_F
ClientSampleId :
PB149691BS



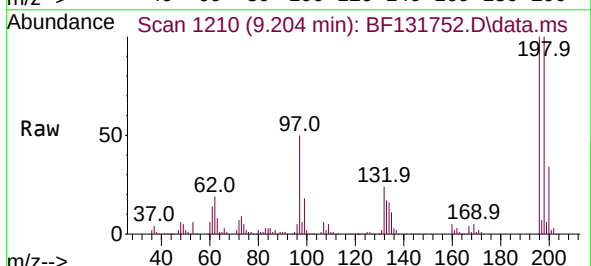
Tgt Ion:196 Resp: 178776
Ion Ratio Lower Upper
196 100
198 97.7 75.5 113.3
200 32.7 25.2 37.8

Manual Integrations
APPROVED

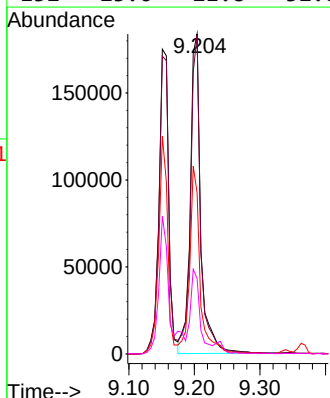
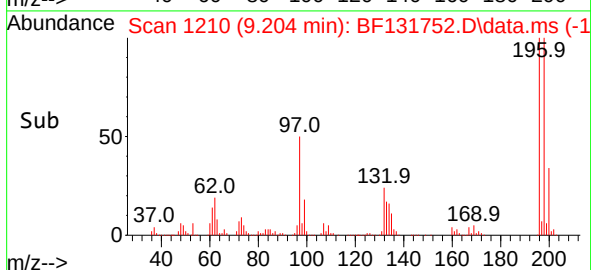
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

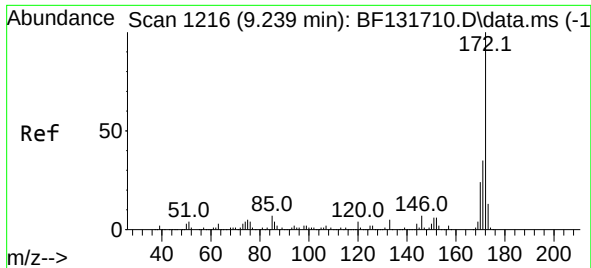


#44
2,4,5-Trichlorophenol
Concen: 41.485 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



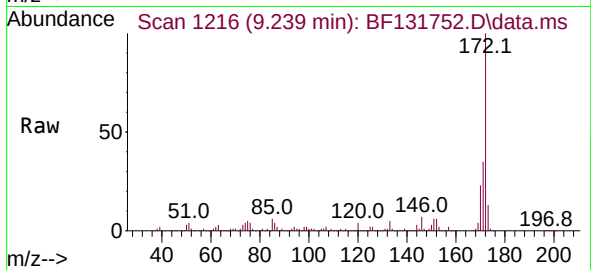
Tgt Ion:196 Resp: 204959
Ion Ratio Lower Upper
196 100
198 99.5 76.6 114.8
97 50.4 47.7 71.5
132 23.6 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 81.206 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

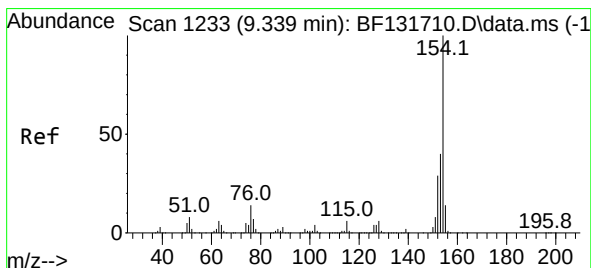
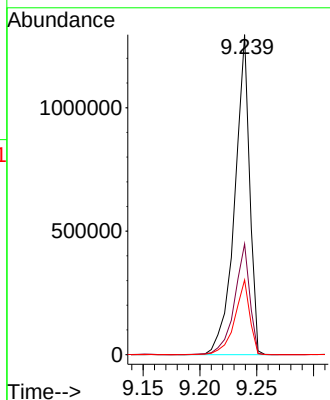
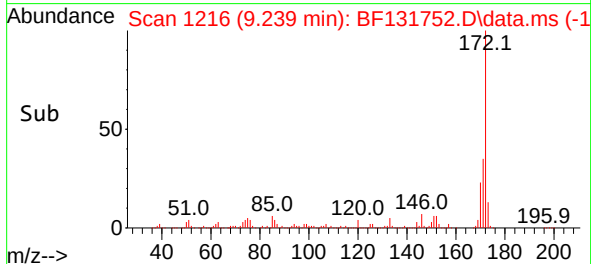
Instrument :
BNA_F
Client Sample Id :
PB149691BS



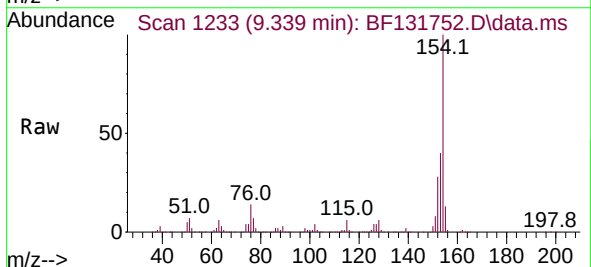
Tgt Ion:172 Resp: 118374
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 19.0 28.4

Manual Integrations
APPROVED

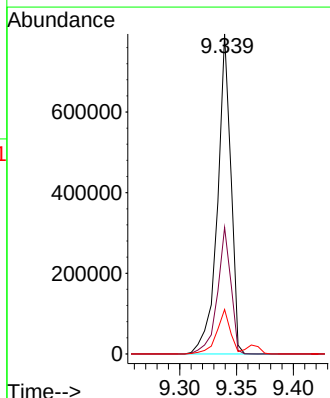
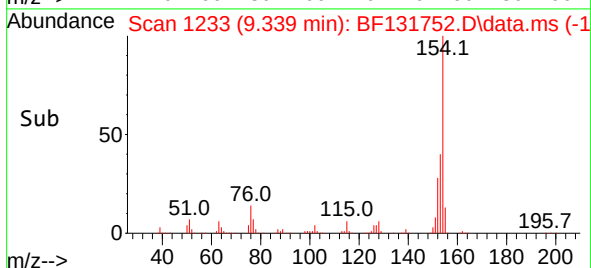
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

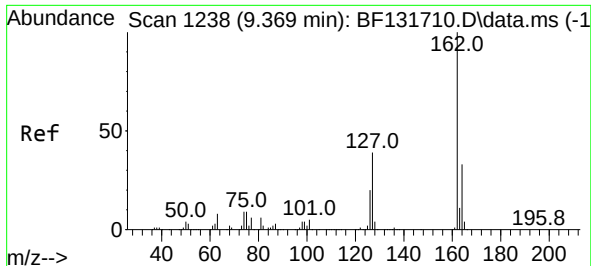


#46
1,1'-Biphenyl
Concen: 42.066 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:154 Resp: 646119
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 13.9 0.0 33.6





#47

2-Chloronaphthalene

Concen: 41.219 ng

RT: 9.363 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

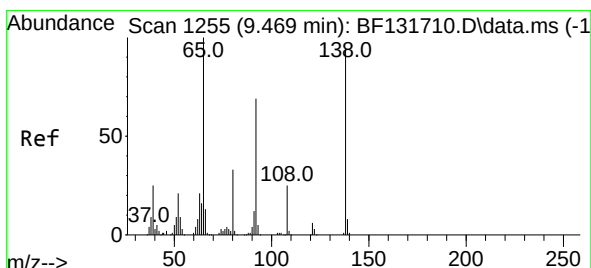
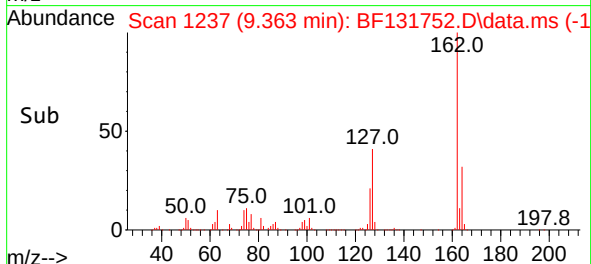
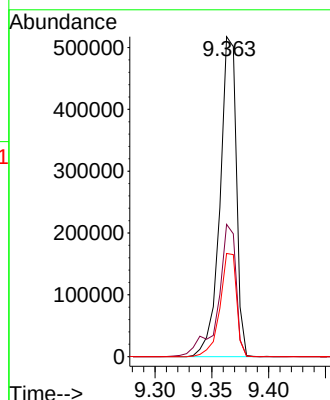
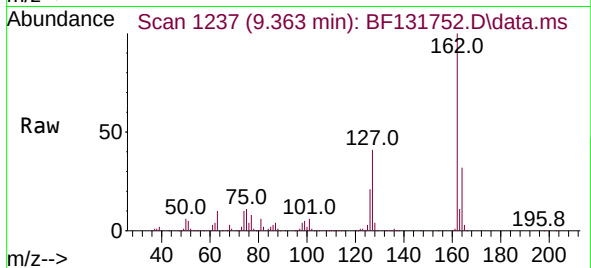
Tgt Ion:	162	Resp:	518419
Ion Ratio	Lower	Upper	
162	100		
127	41.3	31.4	47.2
164	32.2	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#48

2-Nitroaniline

Concen: 41.059 ng

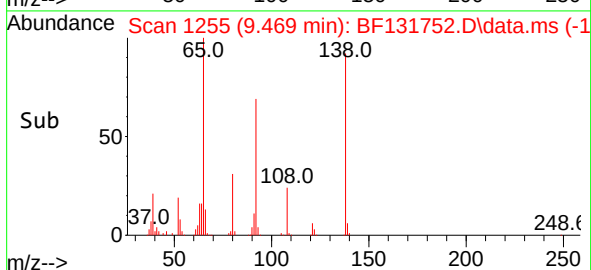
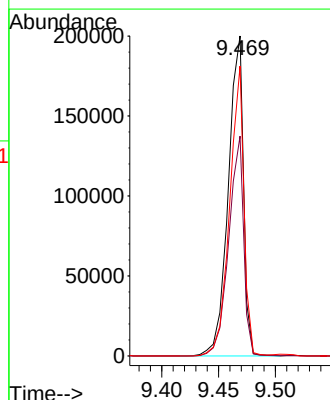
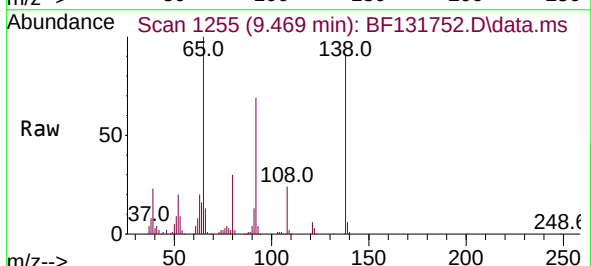
RT: 9.469 min Scan# 1255

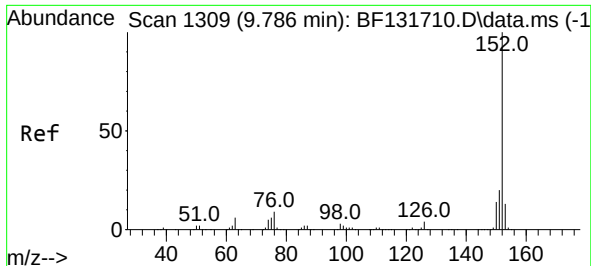
Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Tgt Ion:	65	Resp:	186132
Ion Ratio	Lower	Upper	
65	100		
92	68.7	55.5	83.3
138	90.6	74.8	112.2





#49
Acenaphthylene
Concen: 41.212 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

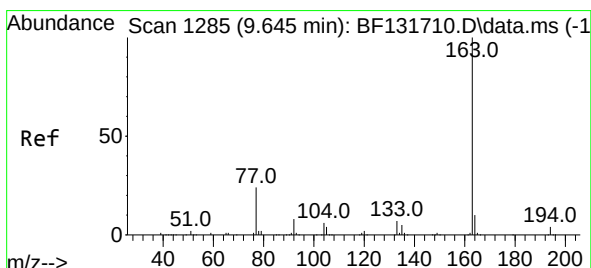
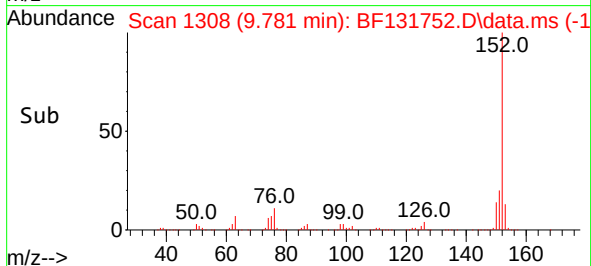
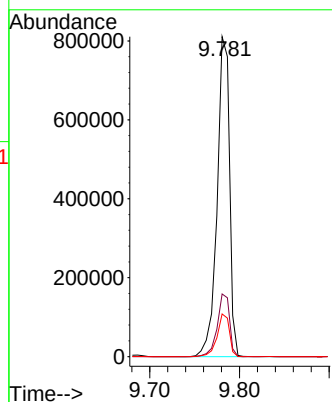
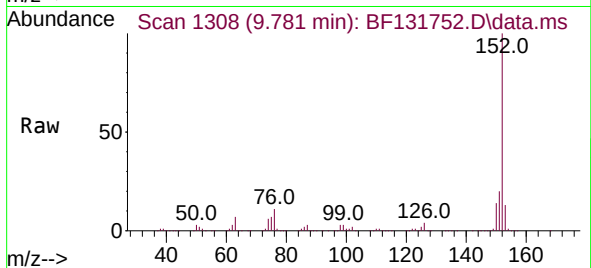
PB149691BS

Tgt Ion:152 Resp: 777450
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.4 10.6 15.8

Manual Integrations

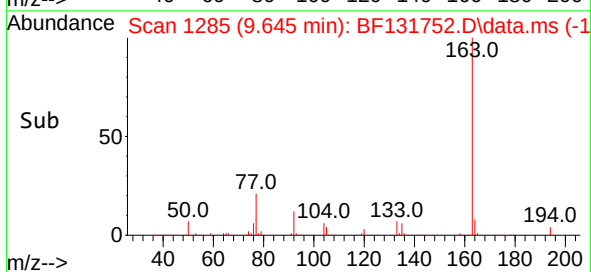
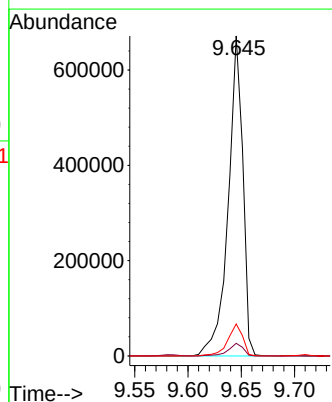
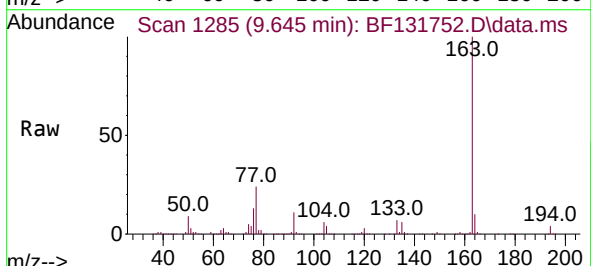
APPROVED

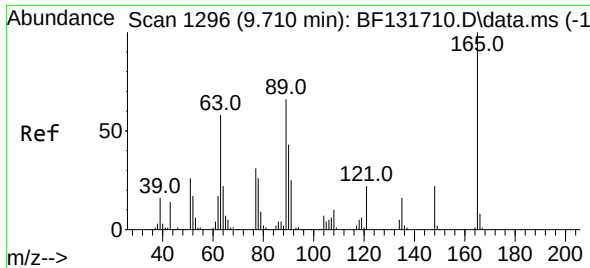
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#50
Dimethylphthalate
Concen: 41.649 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

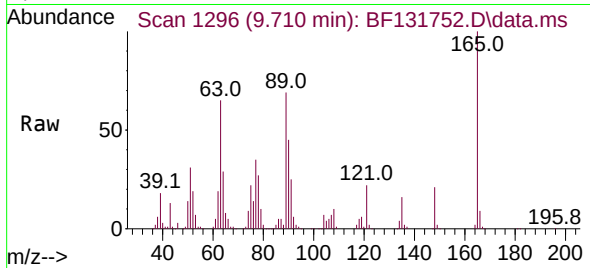
Tgt Ion:163 Resp: 639936
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.795 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

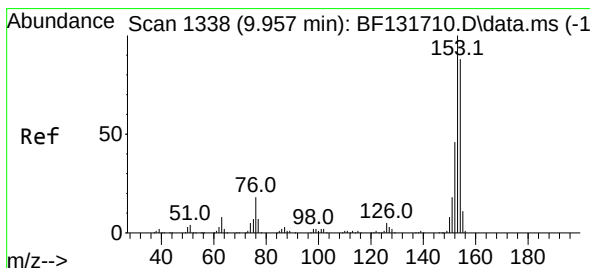
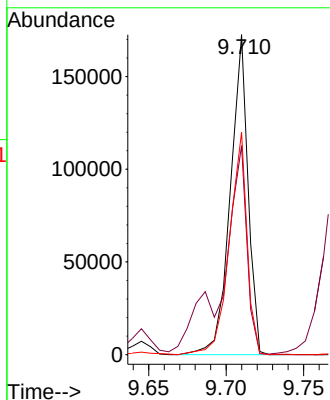
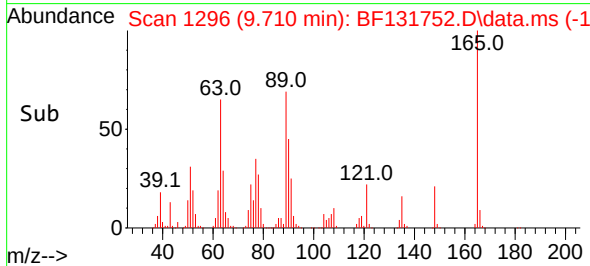
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion:165 Resp: 138085
Ion Ratio Lower Upper
165 100
63 65.3 51.8 77.8
89 69.5 53.2 79.8

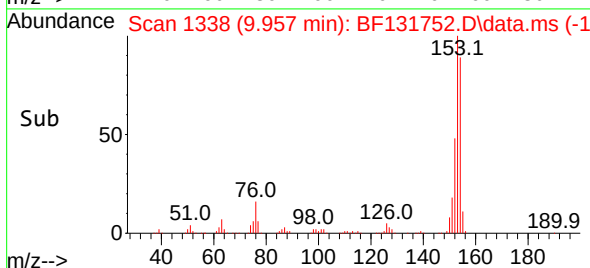
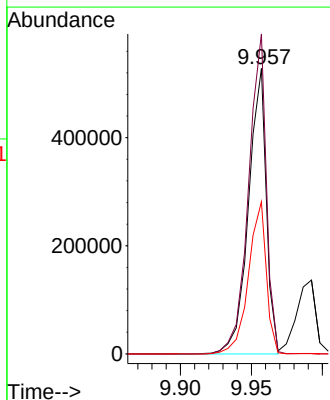
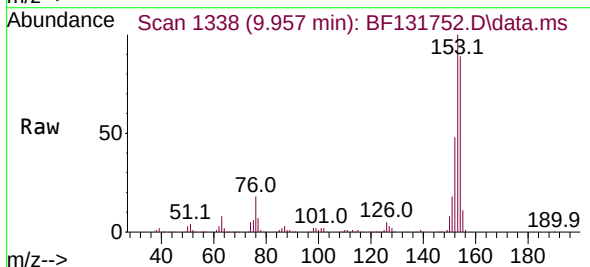
Manual Integrations
APPROVED

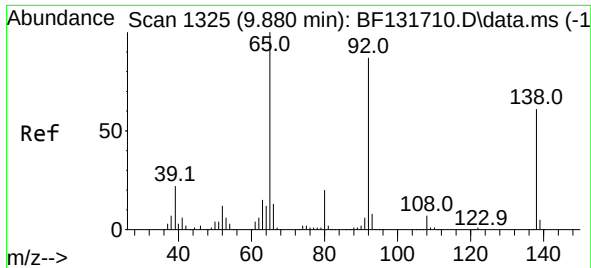
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#52
Acenaphthene
Concen: 39.970 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:154 Resp: 461903
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 53.3 42.0 63.0





#53
3-Nitroaniline
Concen: 21.981 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

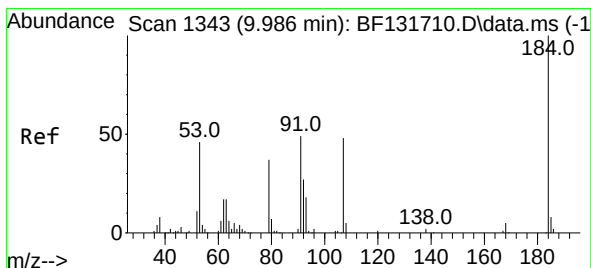
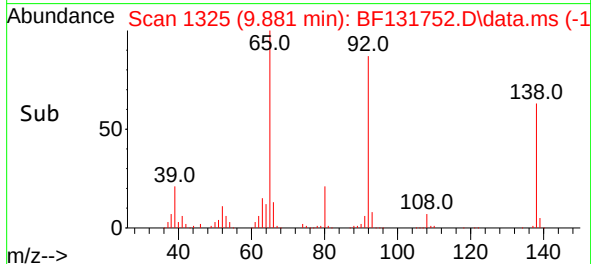
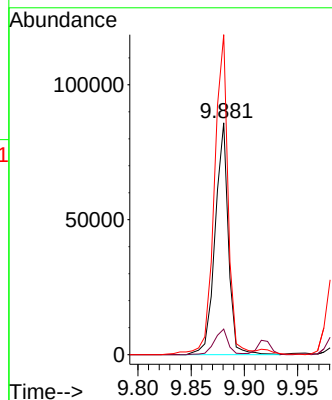
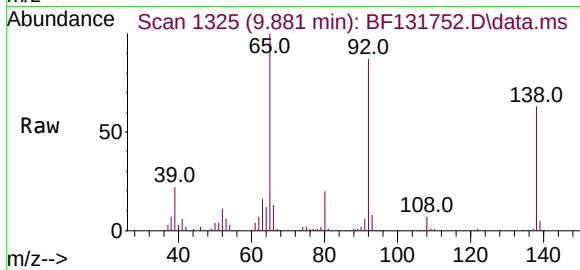
ClientSampleId :

PB149691BS

Tgt Ion:138 Resp: 74308
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 138.1 114.6 171.8

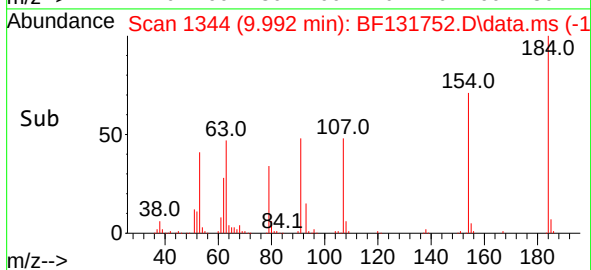
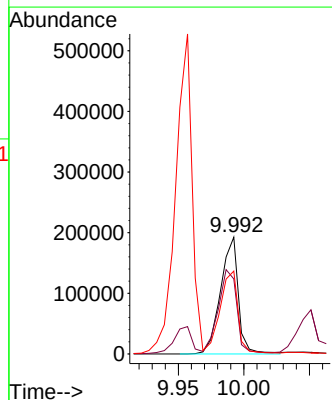
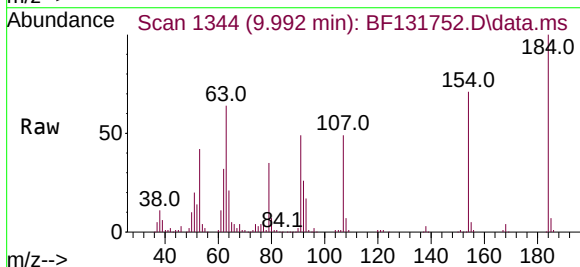
Manual Integrations
APPROVED

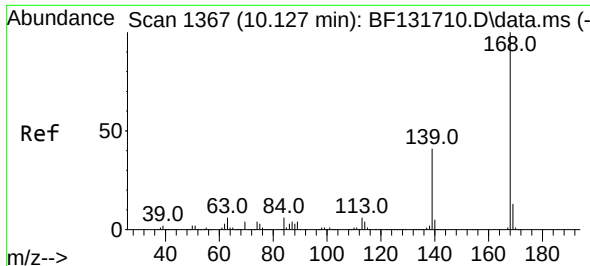
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#54
2,4-Dinitrophenol
Concen: 92.157 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

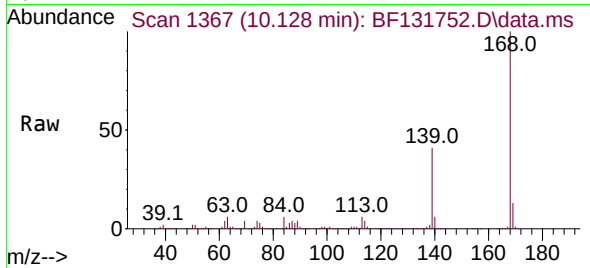
Tgt Ion:184 Resp: 182436
Ion Ratio Lower Upper
184 100
63 64.1 55.8 83.8
154 70.9 57.1 85.7





#55
Dibenzofuran
Concen: 40.271 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

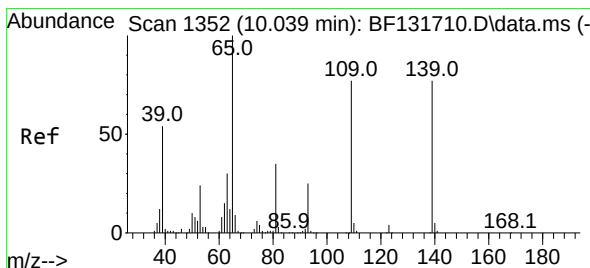
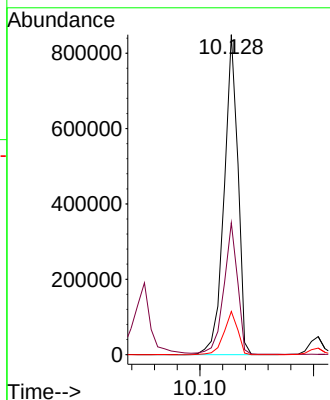
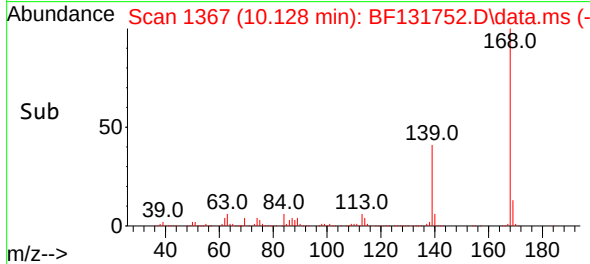
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion:168 Resp: 713629
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.5 10.6 16.0

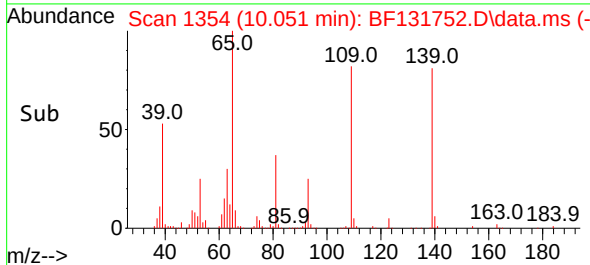
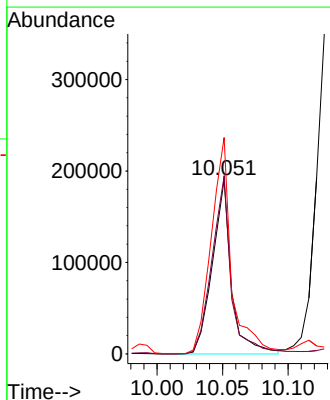
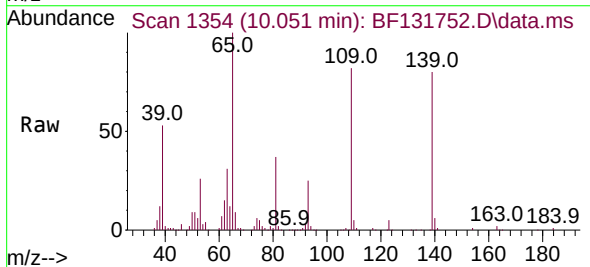
Manual Integrations
APPROVED

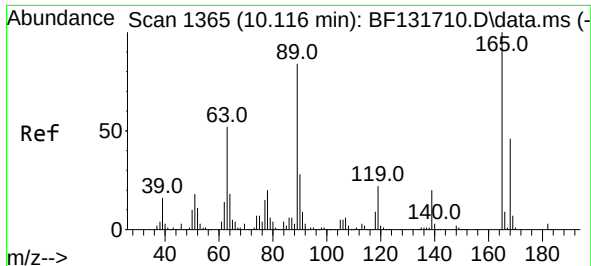
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#56
4-Nitrophenol
Concen: 79.383 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:139 Resp: 192069
Ion Ratio Lower Upper
139 100
109 102.1 79.9 119.9
65 124.2 110.2 150.2





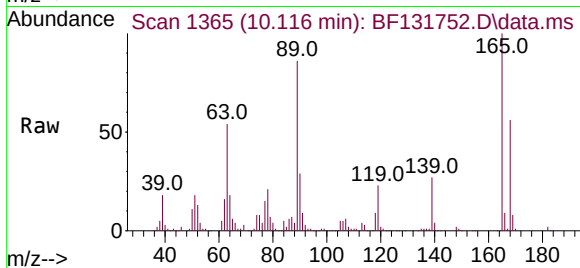
#57
2,4-Dinitrotoluene
Concen: 43.200 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

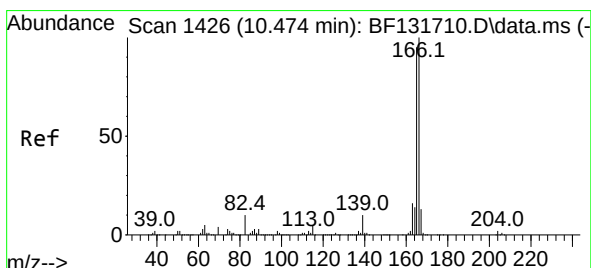
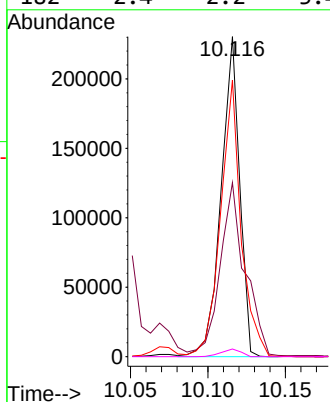
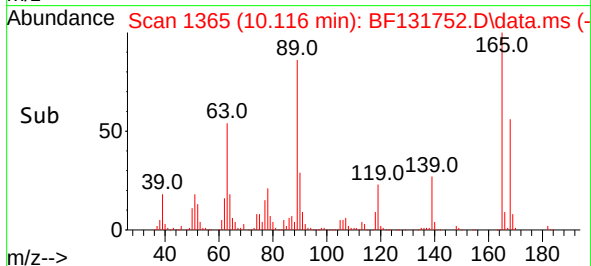


Tgt Ion:165 Resp: 191788
Ion Ratio Lower Upper
165 100
63 54.4 41.5 62.3
89 86.4 67.0 100.4
182 2.4 2.2 3.4

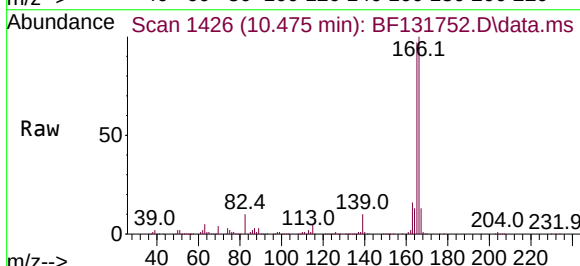
Manual Integrations

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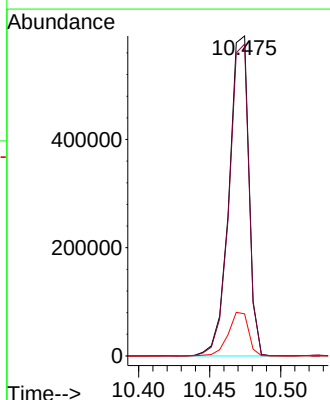
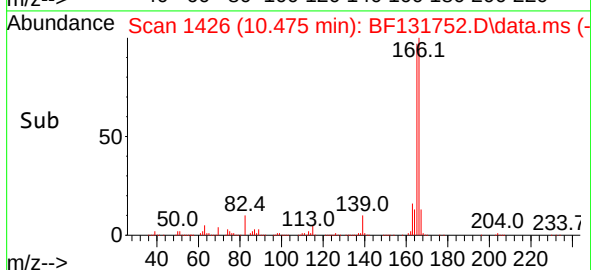
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

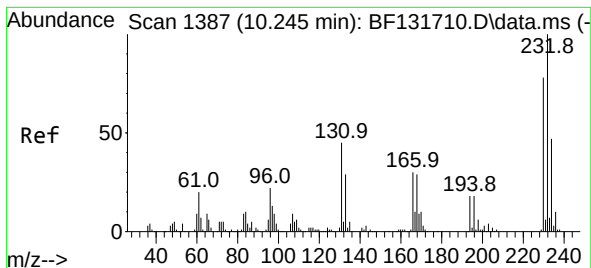


#58
Fluorene
Concen: 40.199 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:166 Resp: 575935
Ion Ratio Lower Upper
166 100
165 97.4 75.8 113.8
167 13.1 10.6 15.8





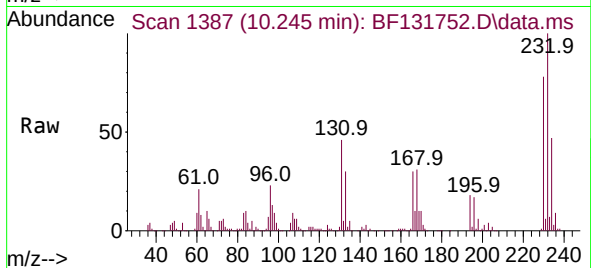
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.272 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

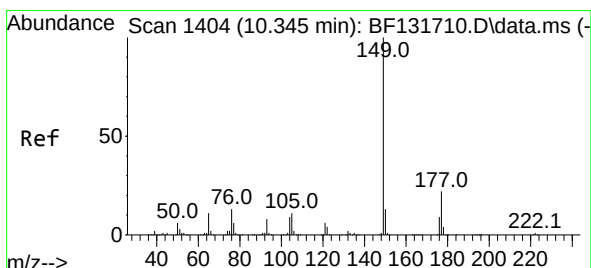
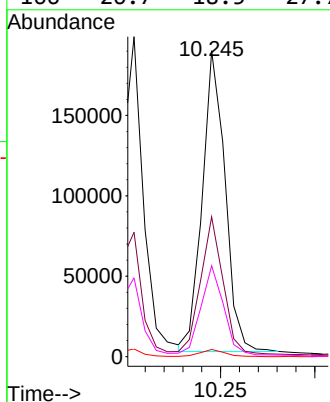
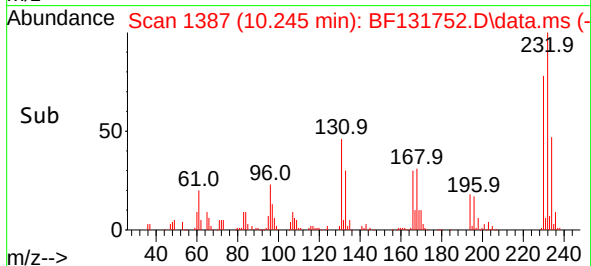


Tgt Ion:232 Resp: 157854
Ion Ratio Lower Upper
232 100
131 42.5 29.9 44.9
130 2.5 1.7 2.5
166 26.7 18.5 27.7

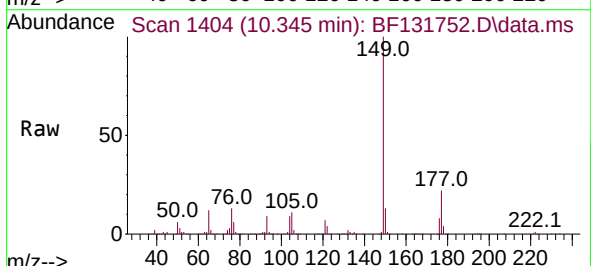
Manual Integrations

APPROVED

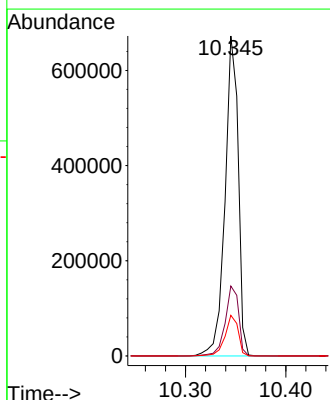
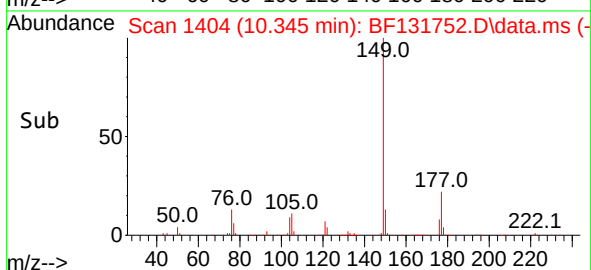
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

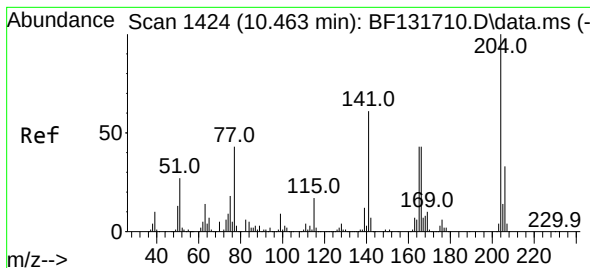


#60
Diethylphthalate
Concen: 41.630 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



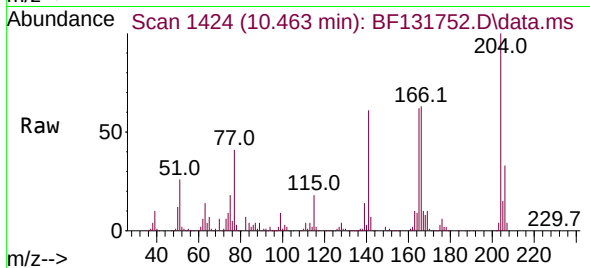
Tgt Ion:149 Resp: 616338
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.537 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

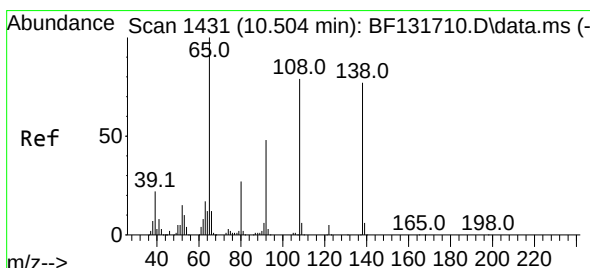
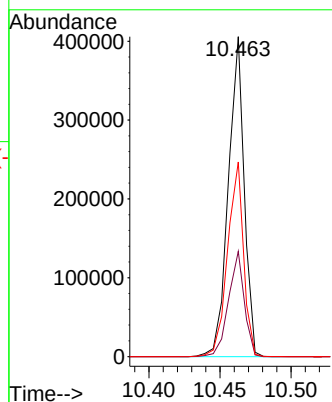
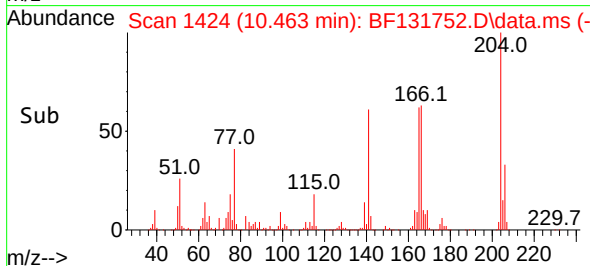
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion:204 Resp: 316295
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.8 48.6 72.8

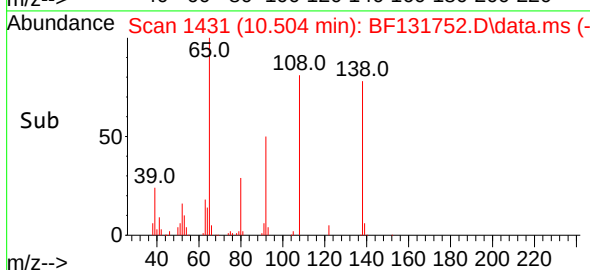
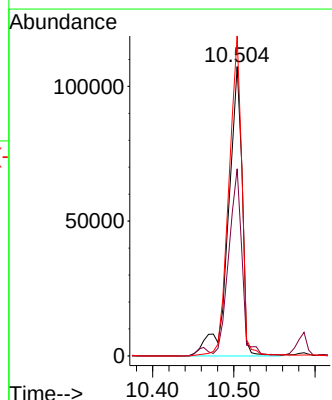
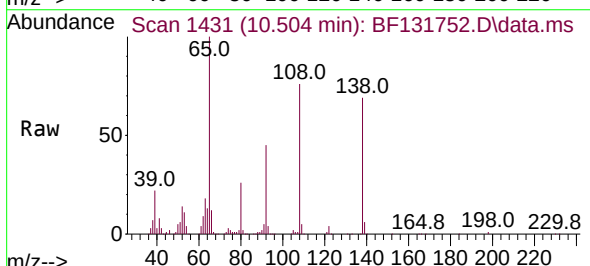
Manual Integrations
APPROVED

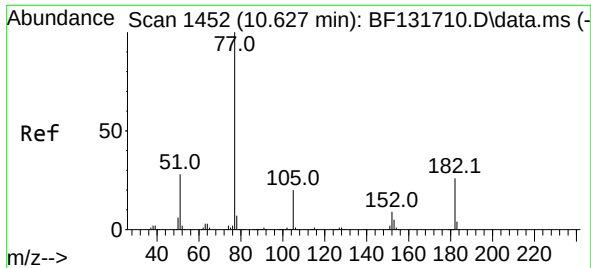
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#62
4-Nitroaniline
Concen: 37.196 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

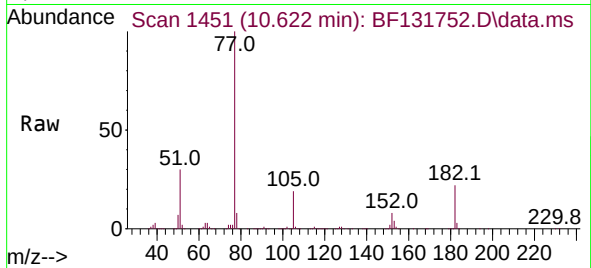
Tgt Ion:138 Resp: 126550
Ion Ratio Lower Upper
138 100
92 64.7 42.1 82.1
108 110.6 83.1 123.1





#63
Azobenzene
Concen: 40.669 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

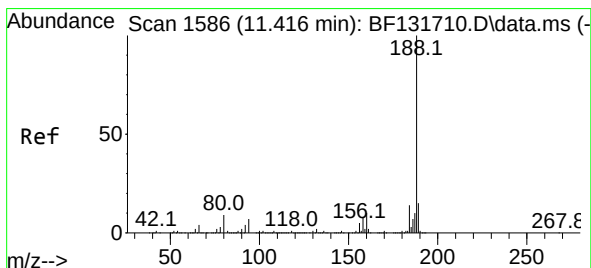
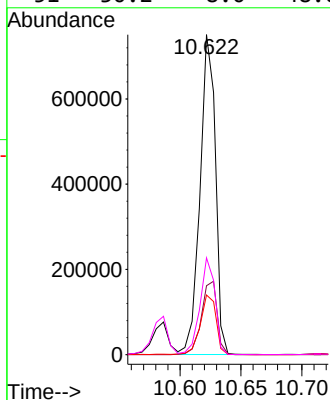
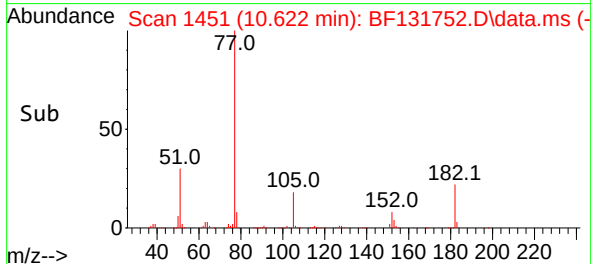
Instrument :
BNA_F
ClientSampleId :
PB149691BS



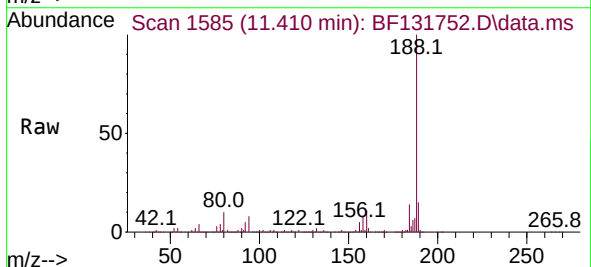
Tgt Ion: 77 Resp: 661198
Ion Ratio Lower Upper
77 100
182 21.5 5.8 45.8
105 18.6 0.0 39.7
51 30.2 8.0 48.0

Manual Integrations
APPROVED

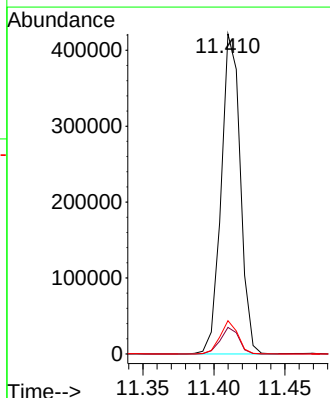
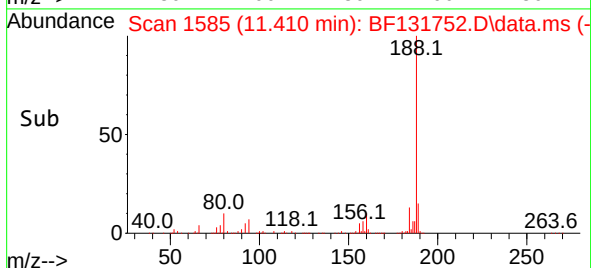
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

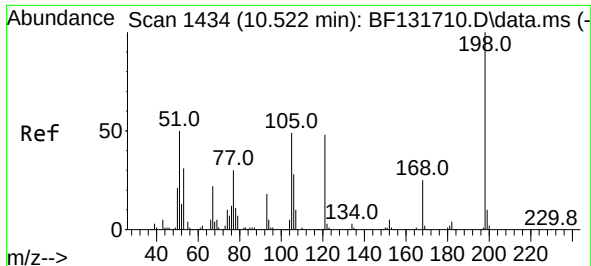


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



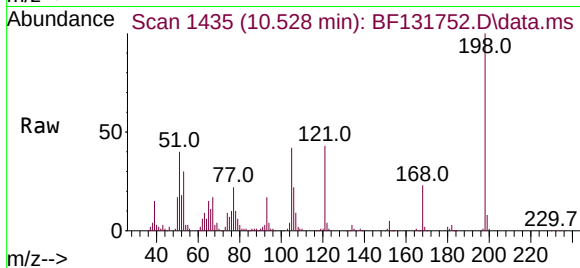
Tgt Ion:188 Resp: 394748
Ion Ratio Lower Upper
188 100
94 8.3 5.9 8.9
80 10.4 7.0 10.6





#65
4,6-Dinitro-2-methylphenol
Concen: 42.430 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

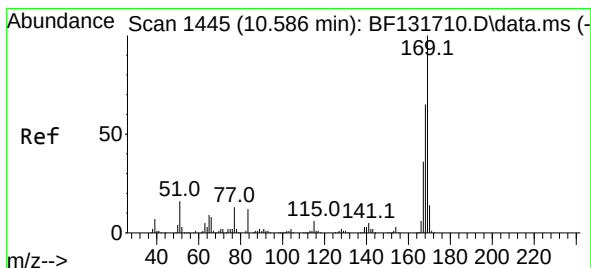
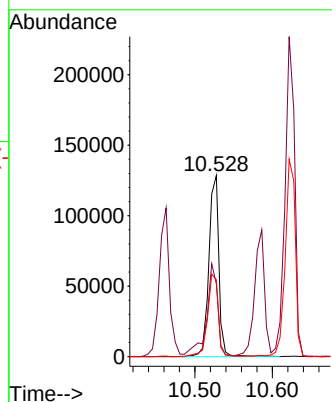
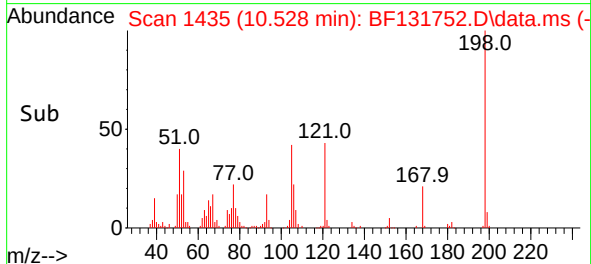
Instrument :
BNA_F
ClientSampleId :
PB149691BS



Tgt Ion:198 Resp: 114994
Ion Ratio Lower Upper
198 100
51 40.2 34.1 74.1
105 42.5 29.7 69.7

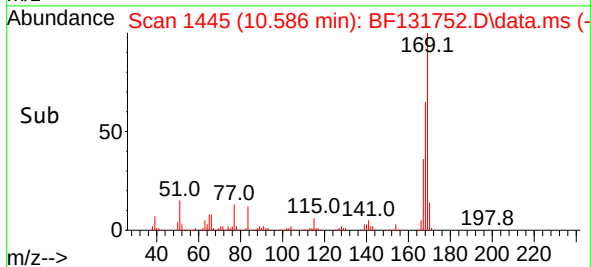
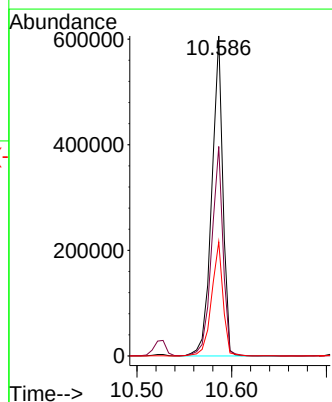
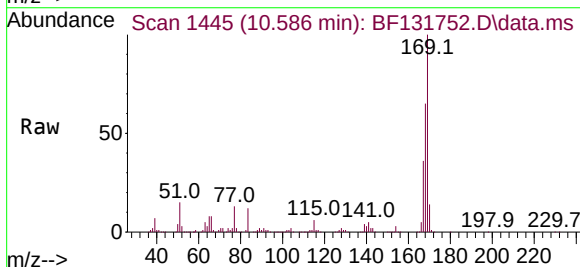
Manual Integrations
APPROVED

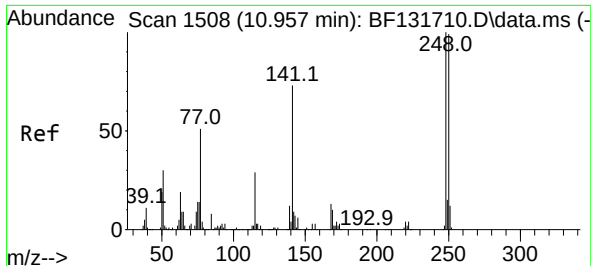
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 40.475 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:169 Resp: 495475
Ion Ratio Lower Upper
169 100
168 65.4 52.4 78.6
167 35.6 28.6 42.8





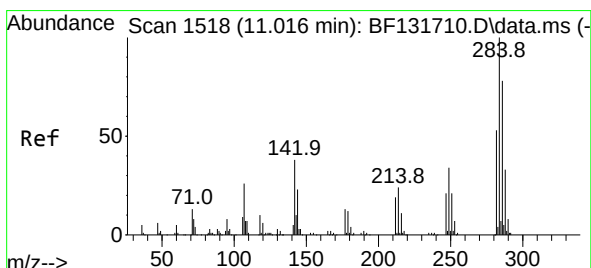
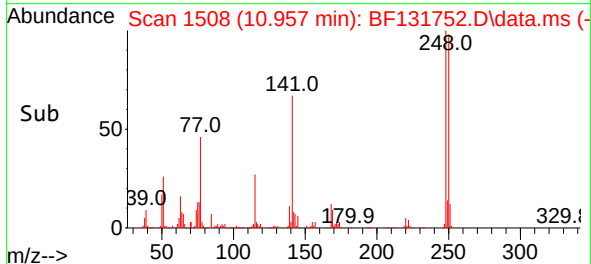
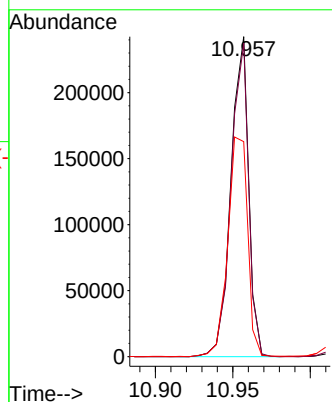
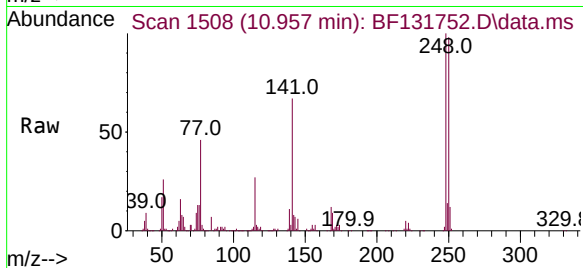
#67
4-Bromophenyl-phenylether
Concen: 41.430 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Tgt Ion:248 Resp: 193152
Ion Ratio Lower Upper
248 100
250 97.9 79.4 119.0
141 67.2 58.1 87.1

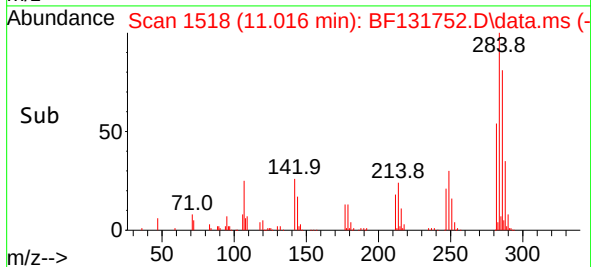
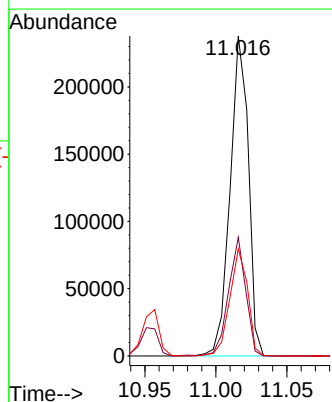
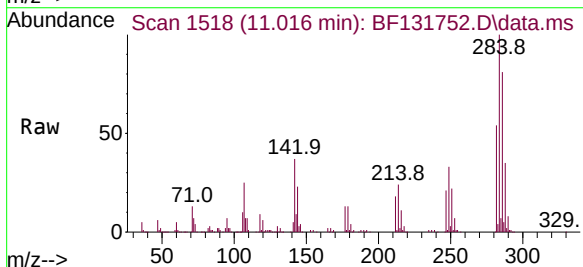
Manual Integrations
APPROVED

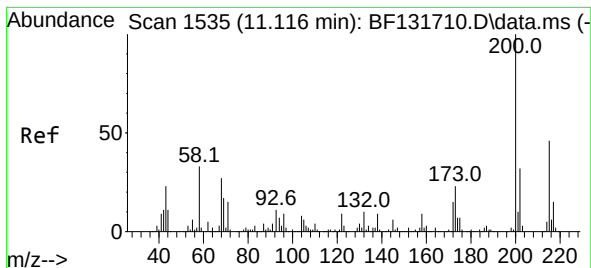
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#68
Hexachlorobenzene
Concen: 41.341 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:284 Resp: 211978
Ion Ratio Lower Upper
284 100
142 37.0 30.2 45.4
249 33.5 27.2 40.8





#69

Atrazine

Concen: 26.965 ng

RT: 11.110 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

Tgt Ion:200 Resp: 11003

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

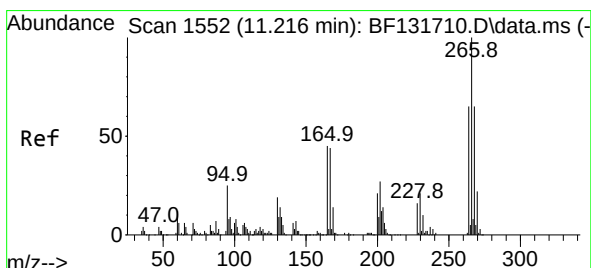
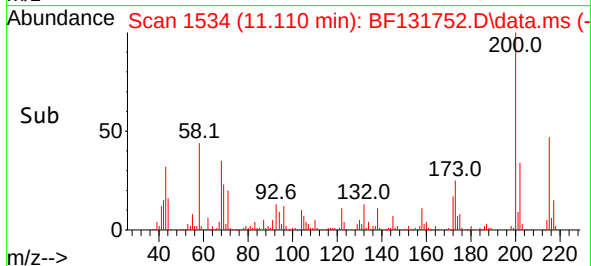
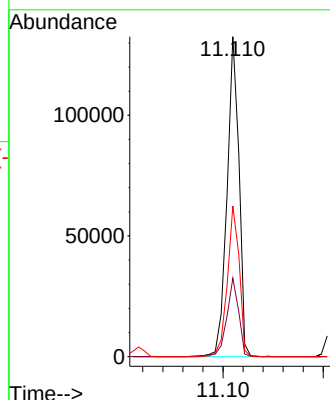
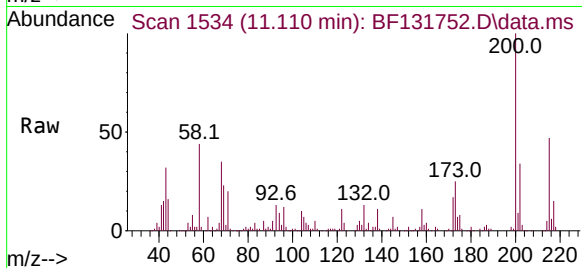
215 47.1 26.4 66.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#70

Pentachlorophenol

Concen: 87.061 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131752.D

Acq: 21 Dec 2022 18:52

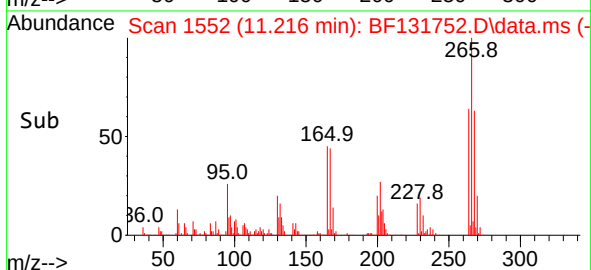
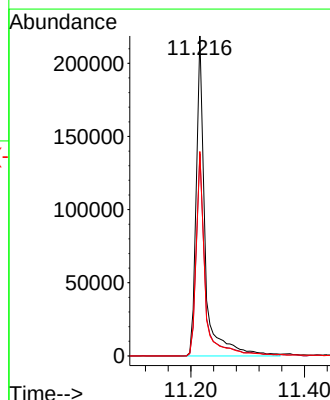
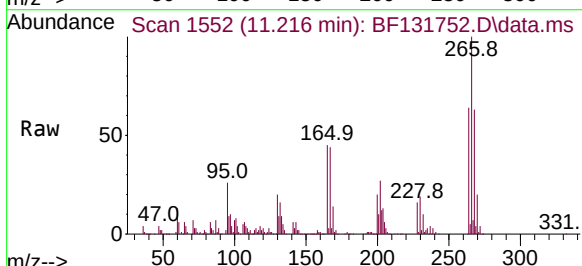
Tgt Ion:266 Resp: 236936

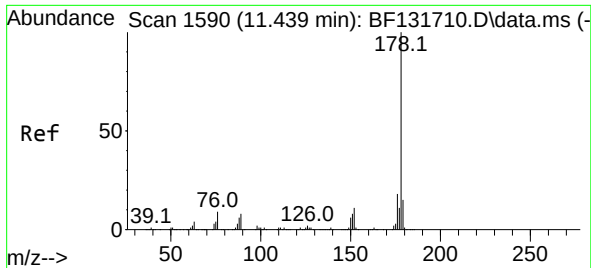
Ion Ratio Lower Upper

266 100

268 63.2 52.2 78.4

264 63.9 52.0 78.0





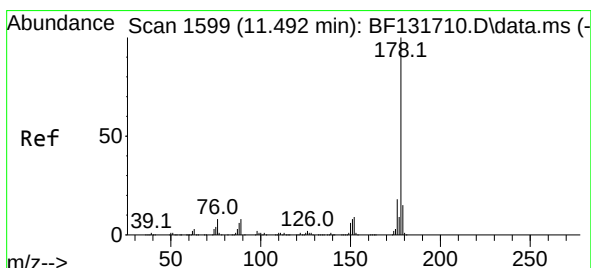
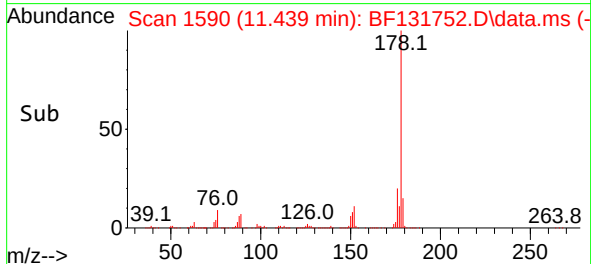
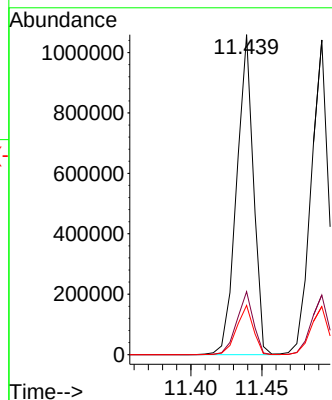
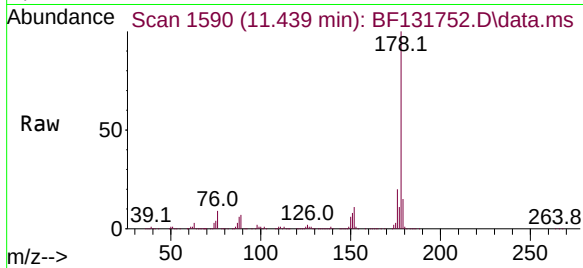
#71
Phenanthrene
Concen: 40.392 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Tgt Ion:178 Resp: 869433
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 15.4 12.2 18.4

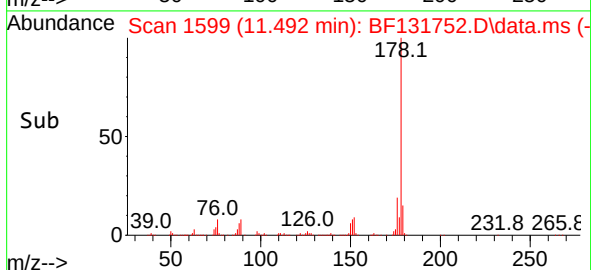
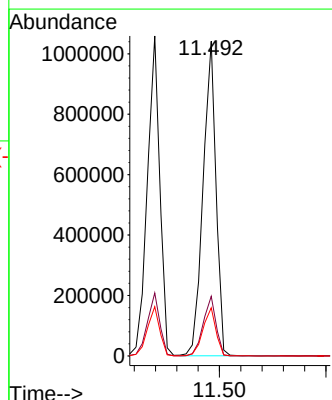
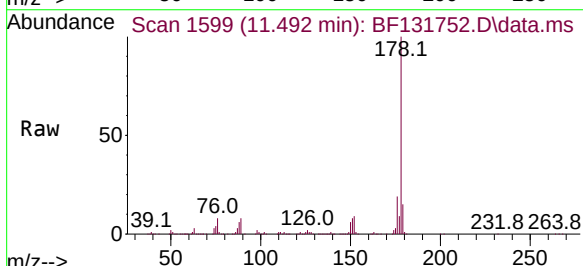
Manual Integrations
APPROVED

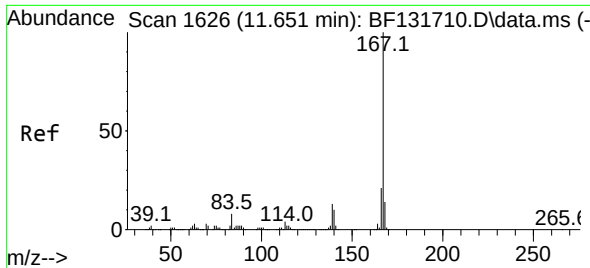
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#72
Anthracene
Concen: 41.494 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

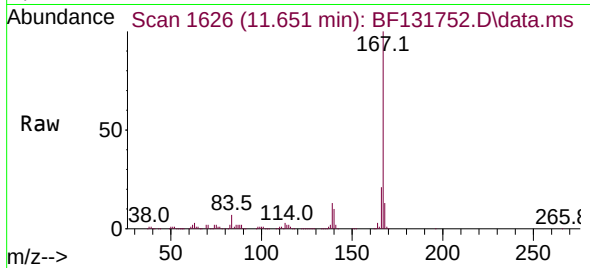
Tgt Ion:178 Resp: 874524
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 41.883 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52

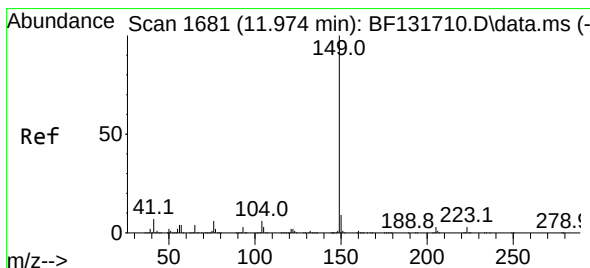
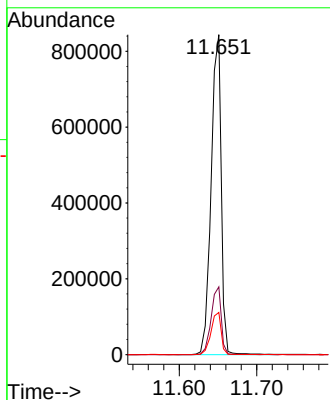
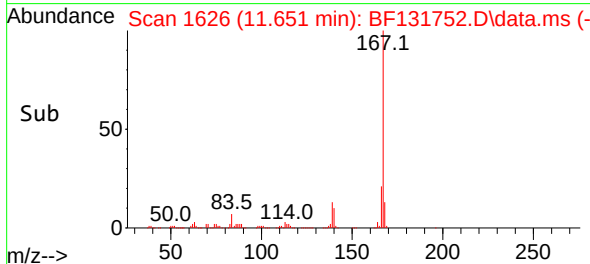
Instrument :
 BNA_F
 ClientSampleId :
 PB149691BS



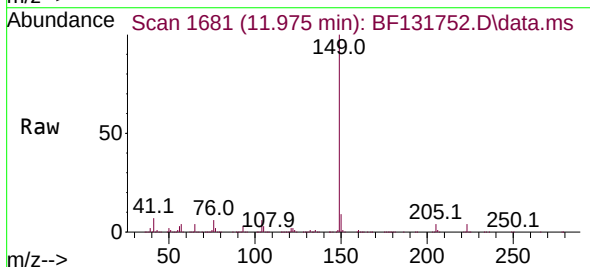
Tgt Ion:167 Resp: 763698
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.2 10.5 15.7

Manual Integrations
 APPROVED

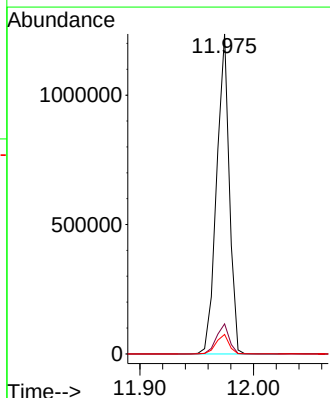
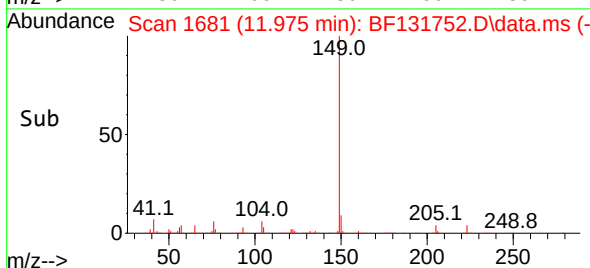
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

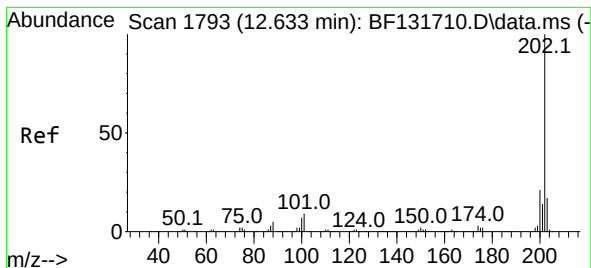


#74
 Di-n-butylphthalate
 Concen: 42.129 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52



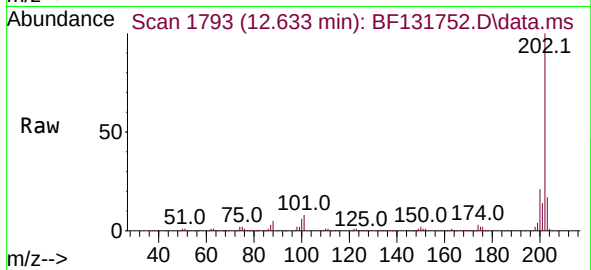
Tgt Ion:149 Resp: 956547
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 6.1 5.0 7.4





#75
Fluoranthene
Concen: 41.614 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

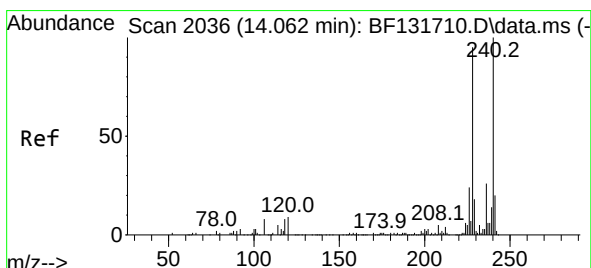
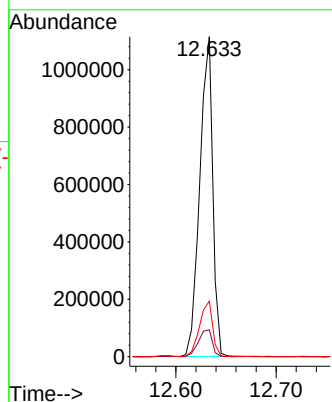
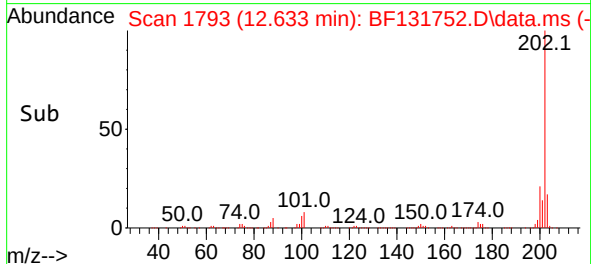
Instrument :
BNA_F
ClientSampleId :
PB149691BS



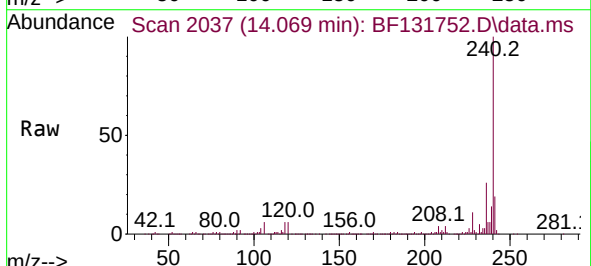
Tgt Ion:202 Resp: 997585
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.8
203 17.3 0.0 37.1

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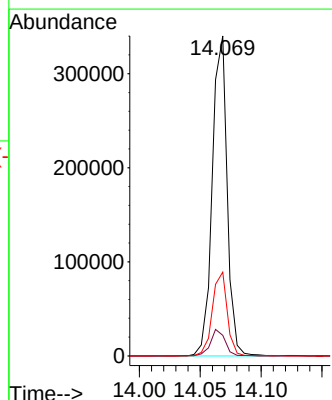
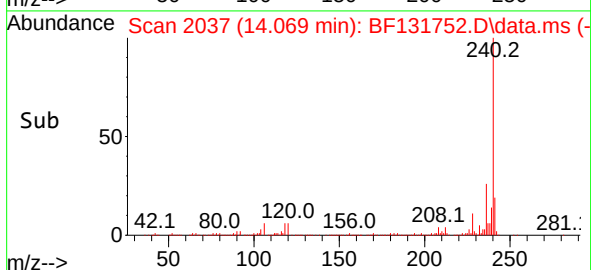
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

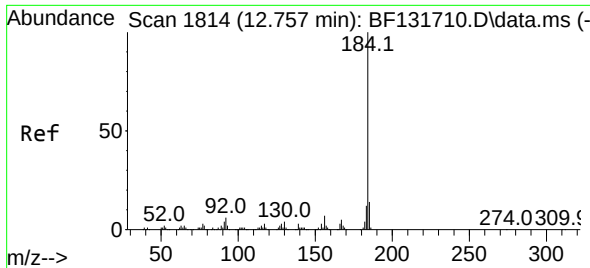


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:240 Resp: 288959
Ion Ratio Lower Upper
240 100
120 6.4 7.6 11.4#
236 26.2 21.2 31.8





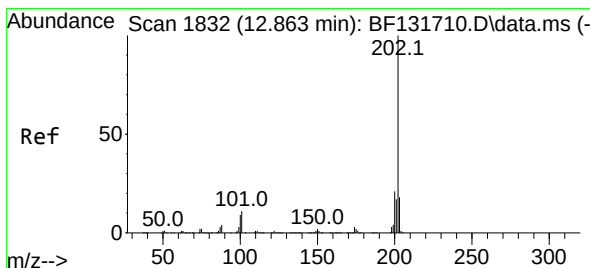
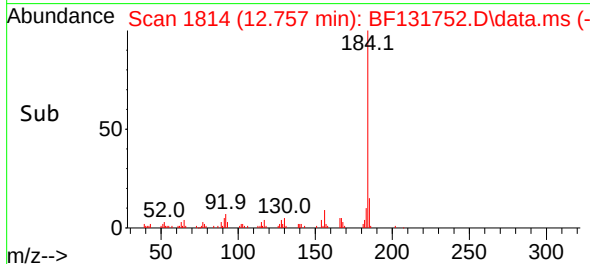
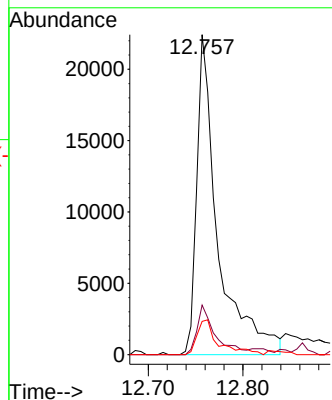
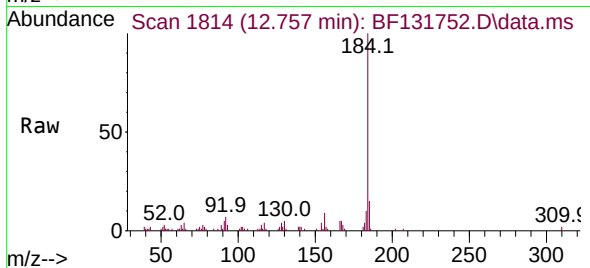
#77
Benzidine
Concen: 6.570 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Tgt Ion:184 Resp: 3481
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 10.4 9.3 13.9

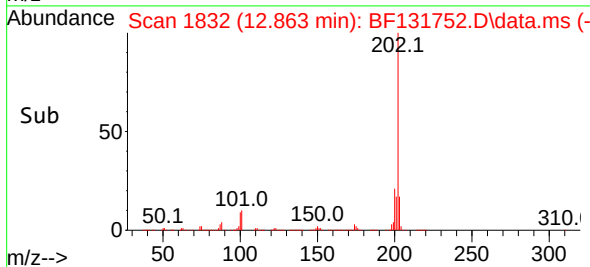
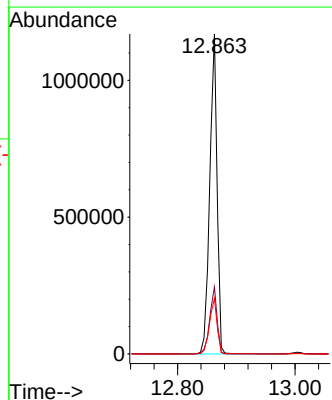
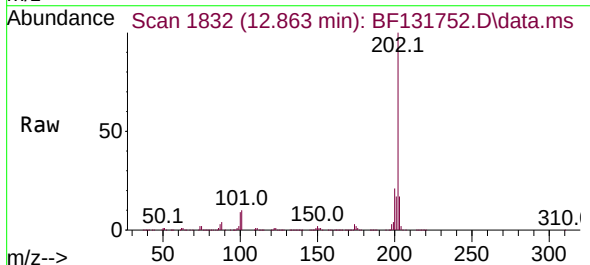
Manual Integrations
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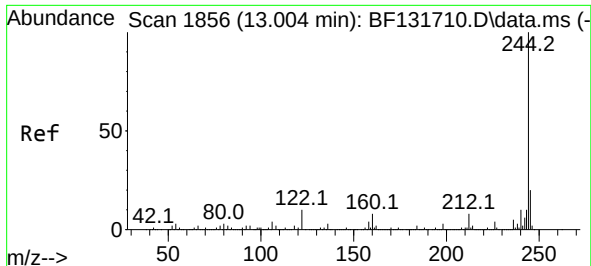
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#78
Pyrene
Concen: 38.515 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:202 Resp: 1011855
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.3 14.1 21.1





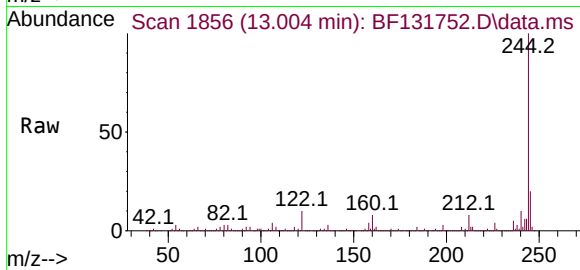
#79
 Terphenyl-d14
 Concen: 84.157 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

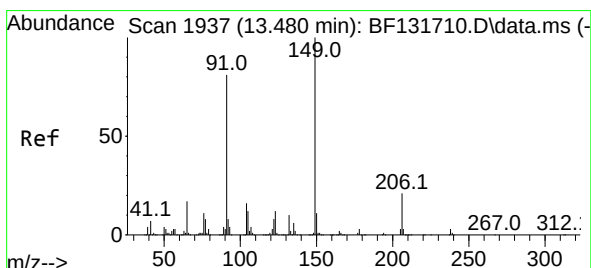
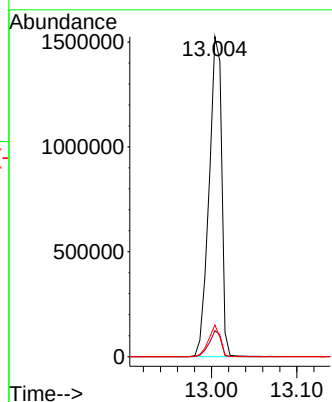
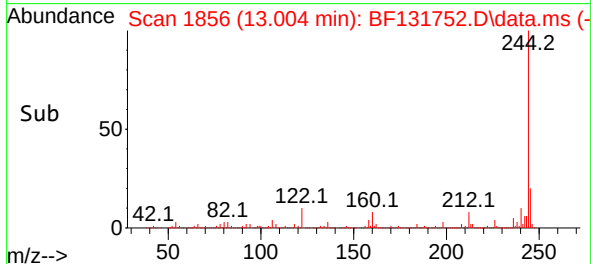


Tgt Ion:244 Resp: 1560308
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.9 7.7 11.5

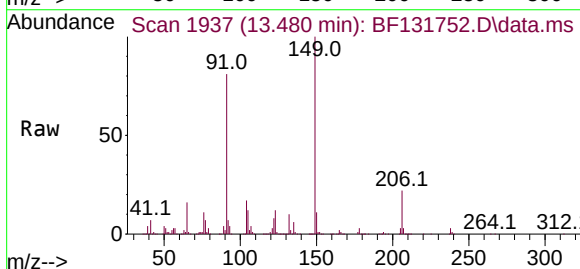
Manual Integrations

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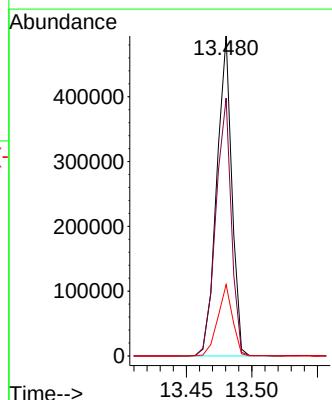
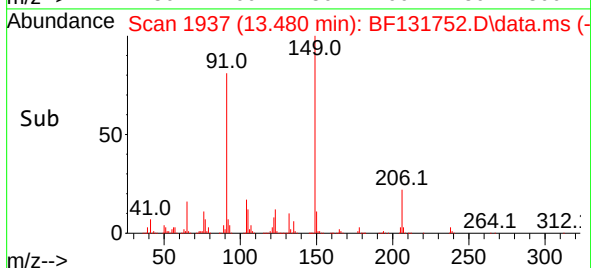
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

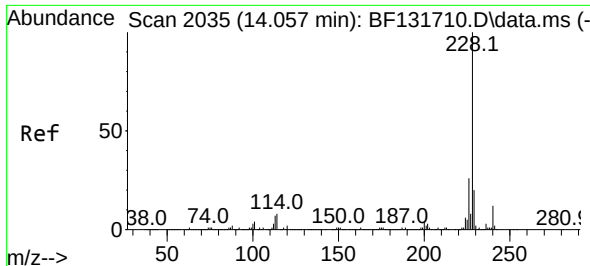


#80
 Butylbenzylphthalate
 Concen: 42.815 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52



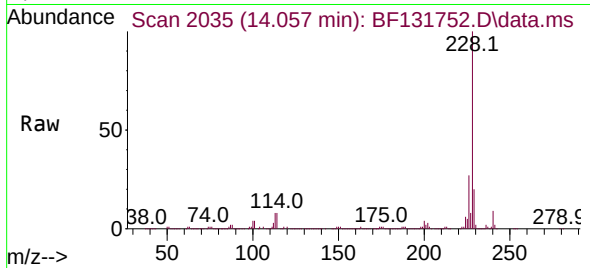
Tgt Ion:149 Resp: 396727
 Ion Ratio Lower Upper
 149 100
 91 80.6 64.9 97.3
 206 22.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 40.046 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

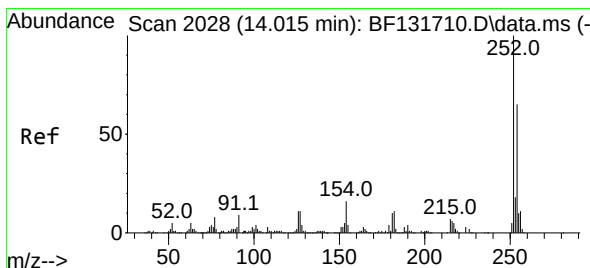
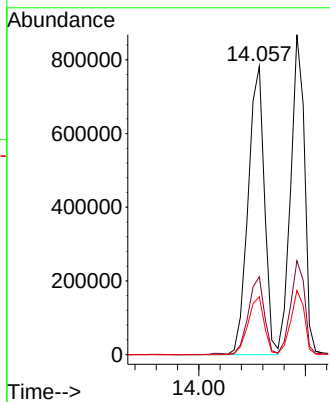
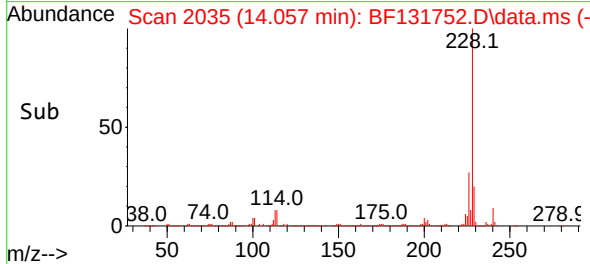
Instrument :
BNA_F
ClientSampleId :
PB149691BS



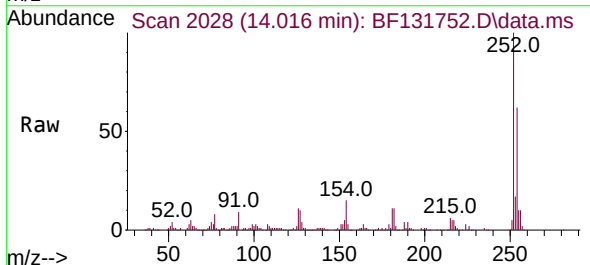
Tgt Ion:228 Resp: 833405
Ion Ratio Lower Upper
228 100
226 27.0 21.0 31.4
229 20.1 15.8 23.8

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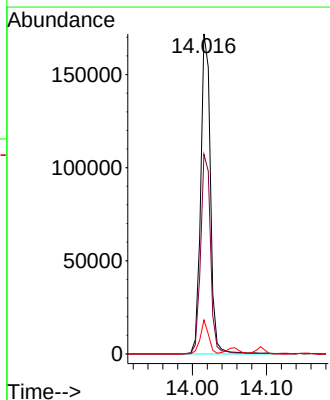
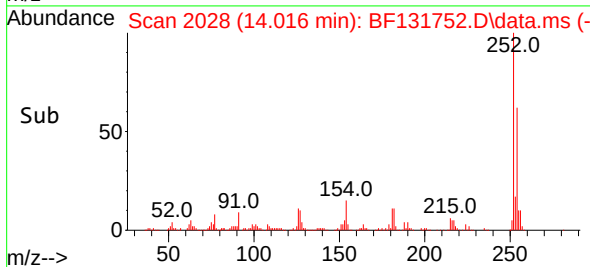
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

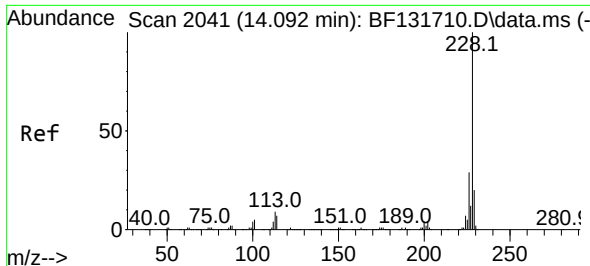


#82
3,3'-Dichlorobenzidine
Concen: 26.995 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



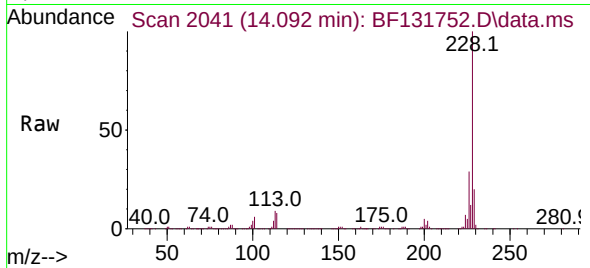
Tgt Ion:252 Resp: 156850
Ion Ratio Lower Upper
252 100
254 62.4 52.1 78.1
126 10.6 8.4 12.6





#83
Chrysene
Concen: 40.028 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

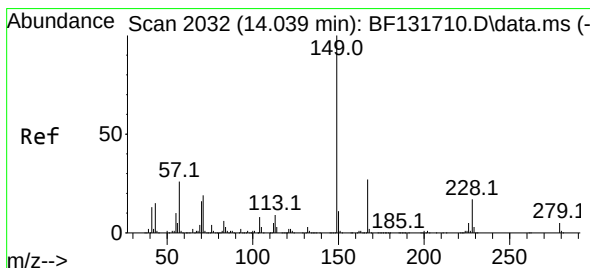
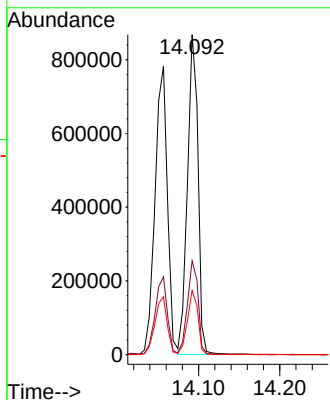
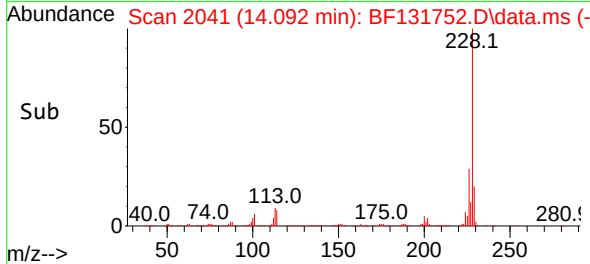
Instrument :
BNA_F
ClientSampleId :
PB149691BS



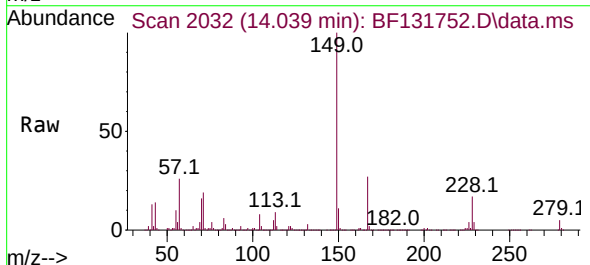
Tgt Ion:228 Resp: 786236
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 20.0 15.6 23.4

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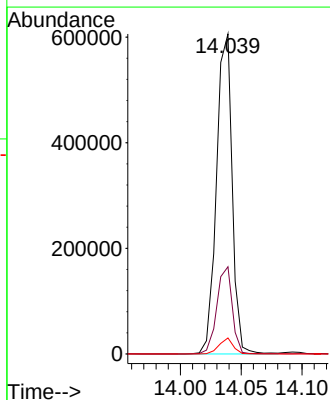
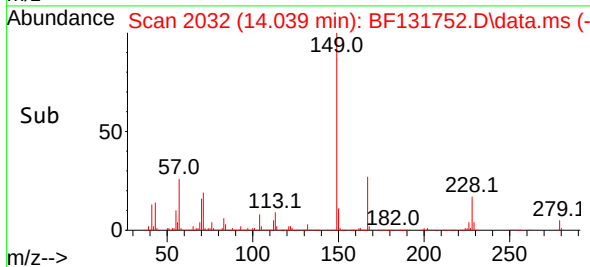
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

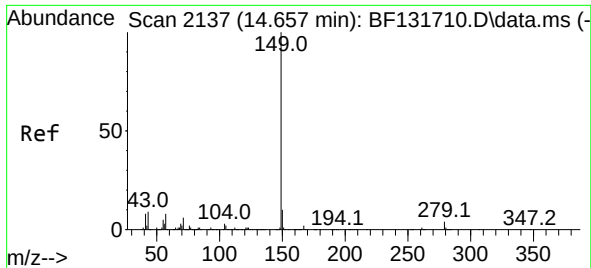


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.187 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:149 Resp: 543465
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 53.450 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

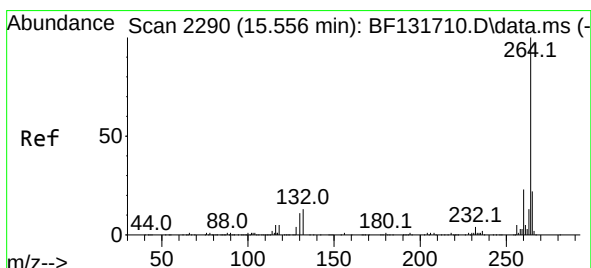
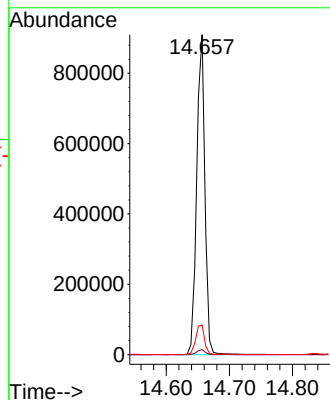
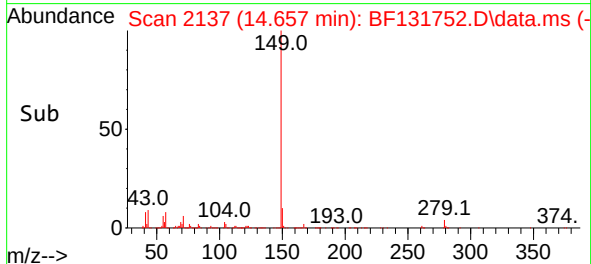
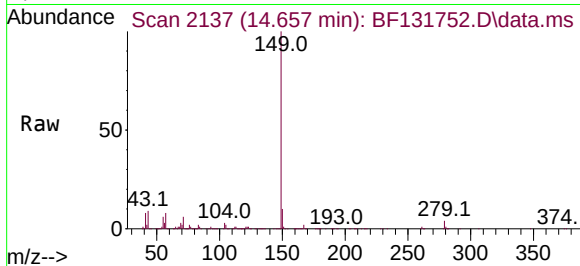
PB149691BS

Tgt Ion:149 Resp: 824389
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 9.9 8.3 12.5

Manual Integrations

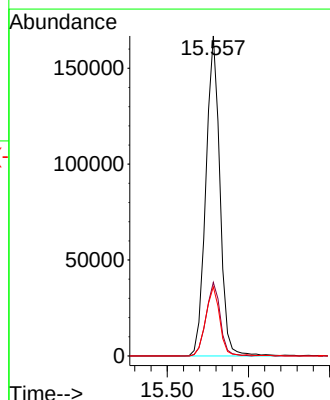
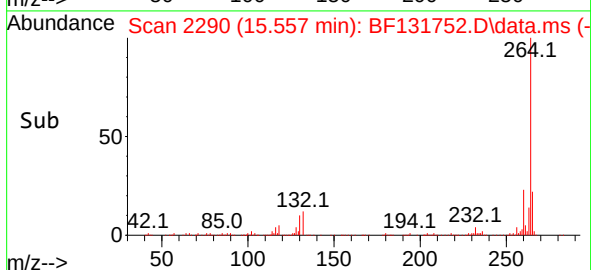
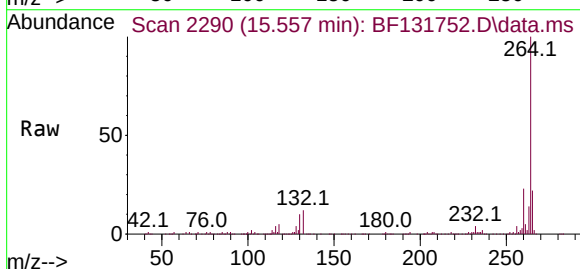
APPROVED

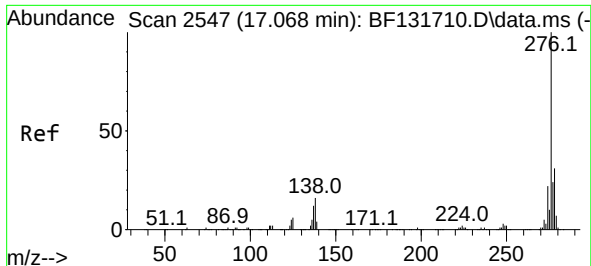
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Tgt Ion:264 Resp: 200707
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.6 17.4 26.2





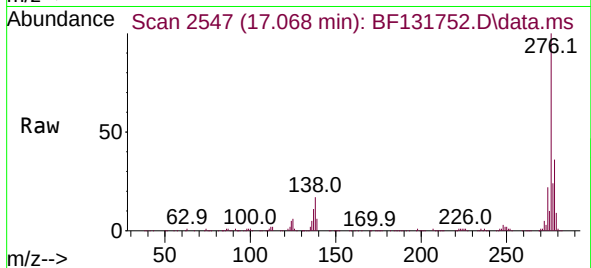
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.706 ng
 RT: 17.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

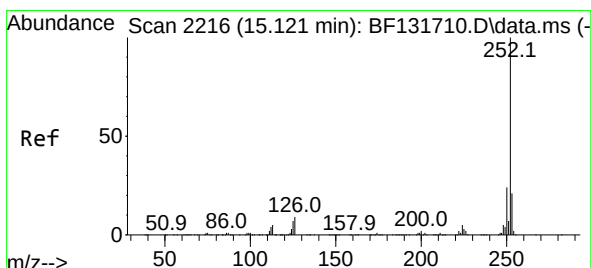
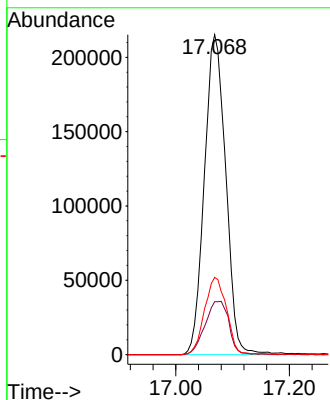
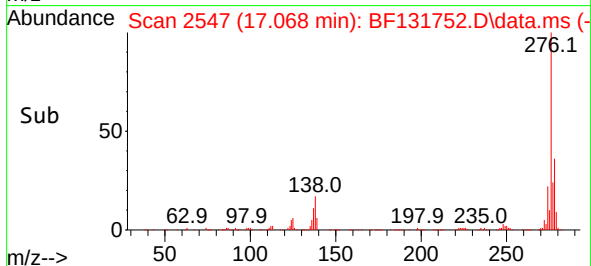


Tgt Ion:276 Resp: 562244
 Ion Ratio Lower Upper
 276 100
 138 18.6 14.4 21.6
 277 25.0 19.8 29.8

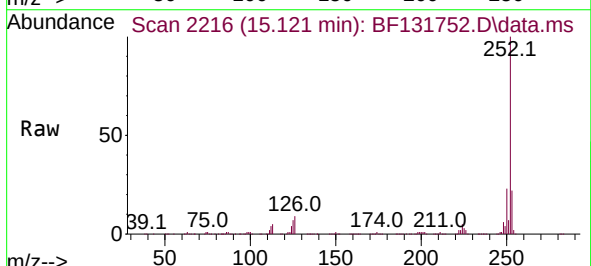
Manual Integrations

APPROVED

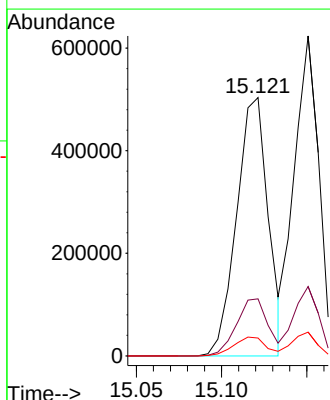
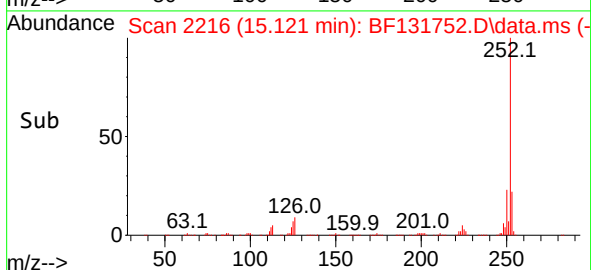
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

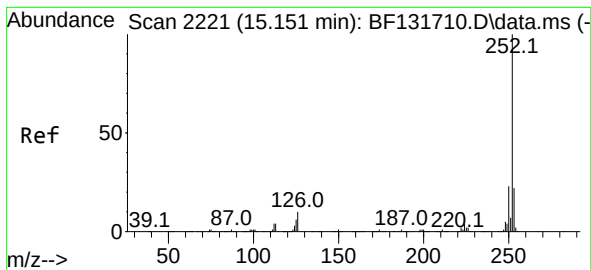


#88
 Benzo(b)fluoranthene
 Concen: 45.728 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.000 min
 Lab File: BF131752.D
 Acq: 21 Dec 2022 18:52



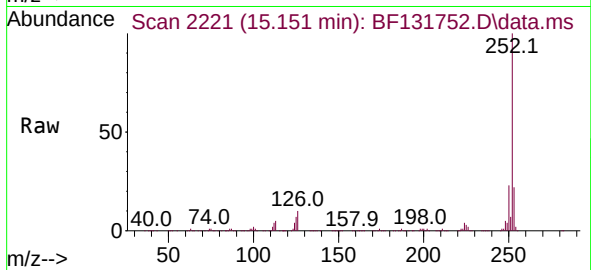
Tgt Ion:252 Resp: 649327
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 6.9 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 46.193 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

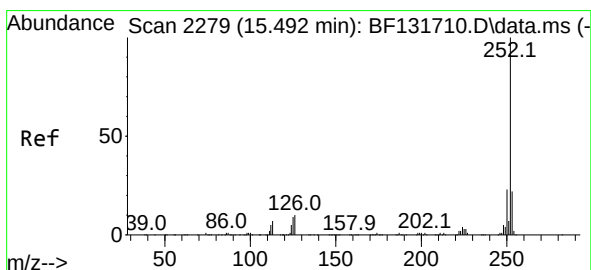
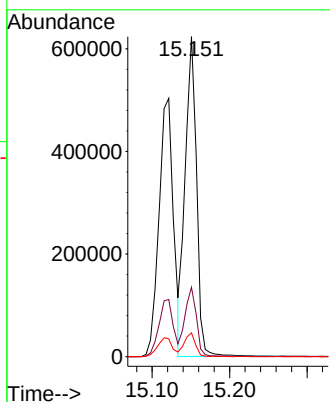
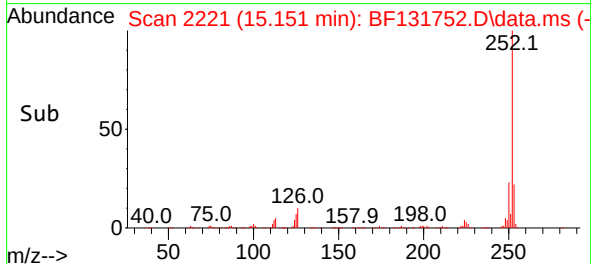
Instrument :
BNA_F
ClientSampleId :
PB149691BS



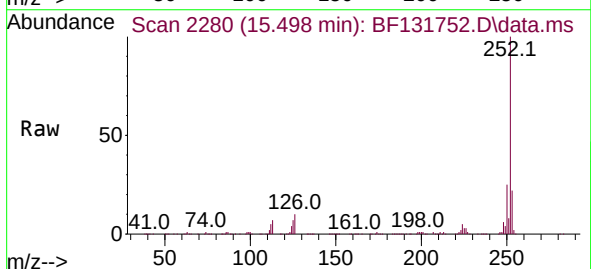
Tgt Ion:252 Resp: 640051
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 7.4 5.2 7.8

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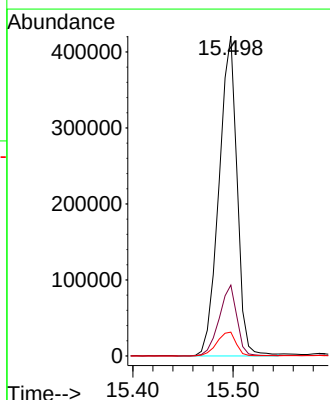
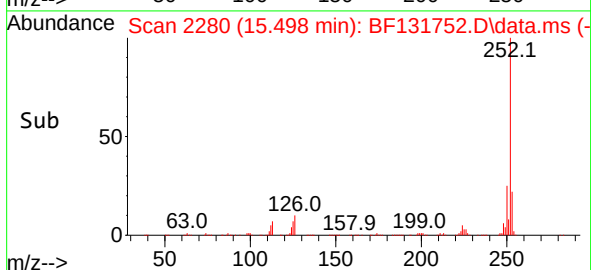
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

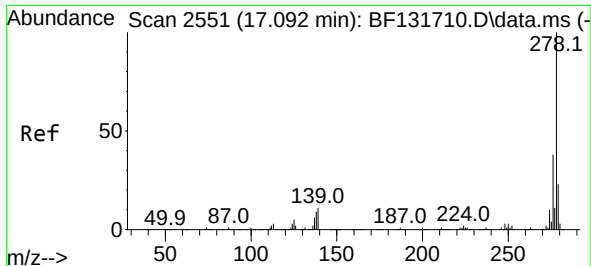


#90
Benzo(a)pyrene
Concen: 47.039 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:252 Resp: 529087
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.4 7.0 10.4





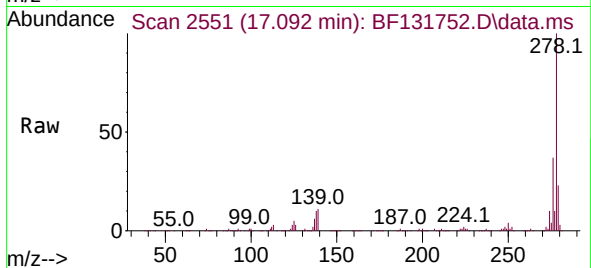
#91
Dibenzo(a,h)anthracene
Concen: 43.679 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52

Instrument :

BNA_F

ClientSampleId :

PB149691BS

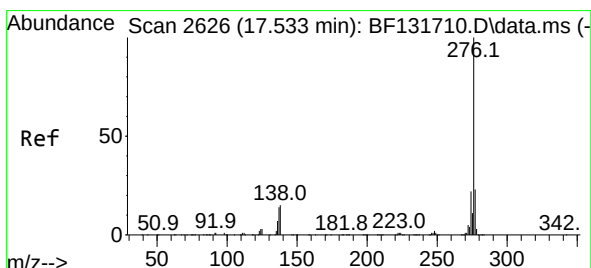
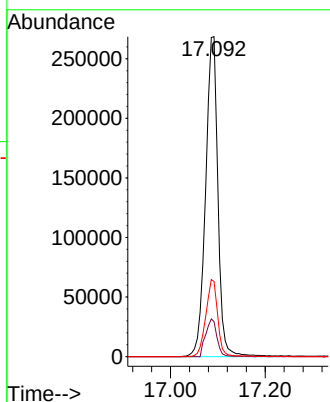
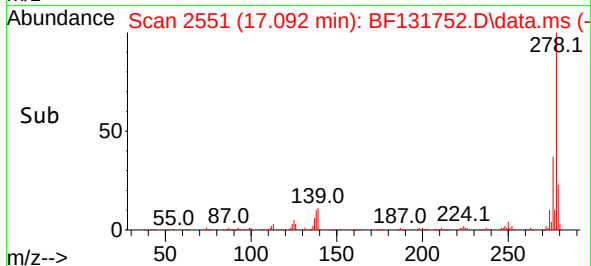


Tgt Ion:278 Resp: 486618
Ion Ratio Lower Upper
278 100
139 10.9 8.7 13.1
279 23.5 18.7 28.1

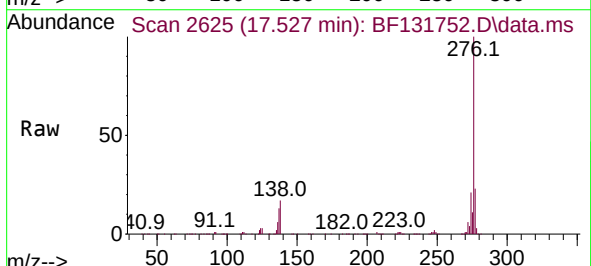
Manual Integrations

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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: 42.515 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BF131752.D
Acq: 21 Dec 2022 18:52



Tgt Ion:276 Resp: 468164
Ion Ratio Lower Upper
276 100
277 22.7 18.3 27.5
138 16.9 12.3 18.5

