

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130683.D
 Acq On : 17 Oct 2022 13:09
 Operator : CG\JU
 Sample : PB148341BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148341BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Oct 18 03:19:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							10/18/2022
1) 1,4-Dichlorobenzene-d4	6.575	152	92821	20.000	ng	0.00	Supervised By :Jagrut padhyay
21) Naphthalene-d8	7.857	136	359549	20.000	ng	0.00	
39) Acenaphthene-d10	9.610	164	193824	20.000	ng	0.00	
64) Phenanthrene-d10	11.086	188	334952	20.000	ng	0.00	
76) Chrysene-d12	13.721	240	248870	20.000	ng	0.00	
86) Perylene-d12	15.092	264	181383	20.000	ng	0.00	10/18/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	694728	134.913	ng	0.02	
7) Phenol-d6	6.234	99	839906	129.730	ng	0.00	
23) Nitrobenzene-d5	7.151	82	528116	80.184	ng	0.00	
42) 2,4,6-Tribromophenol	10.404	330	282461	148.934	ng	0.00	
45) 2-Fluorobiphenyl	8.939	172	1071342	83.726	ng	0.00	
79) Terphenyl-d14	12.674	244	1245722	83.078	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.222	88	82927	26.619	ng		97
3) Pyridine	2.881	79	182486	32.746	ng		95
4) n-Nitrosodimethylamine	2.846	42	113702	43.305	ng		92
6) Aniline	6.239	93	292260	37.705	ng	#	81
8) 2-Chlorophenol	6.363	128	273002	45.082	ng		96
9) Benzaldehyde	6.128	77	81223	19.968	ng		98
10) Phenol	6.245	94	317357	42.364	ng		97
11) bis(2-Chloroethyl)ether	6.322	93	235313	43.244	ng		99
12) 1,3-Dichlorobenzene	6.516	146	289676	43.688	ng		97
13) 1,4-Dichlorobenzene	6.592	146	297130	44.172	ng		97
14) 1,2-Dichlorobenzene	6.739	146	283114	45.193	ng		99
15) Benzyl Alcohol	6.734	79	198425	42.688	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.863	45	294110	42.011	ng		86
17) 2-Methylphenol	6.851	107	218977	45.458	ng		95
18) Hexachloroethane	7.081	117	110932	43.593	ng		99
19) n-Nitroso-di-n-propyla...	7.004	70	177776	42.560	ng		99
20) 3+4-Methylphenols	7.010	107	270163	41.854	ng	#	82
22) Acetophenone	6.998	105	377177	43.730	ng	#	98
24) Nitrobenzene	7.169	77	271968	41.061	ng		97
25) Isophorone	7.410	82	480976	43.877	ng		98
26) 2-Nitrophenol	7.481	139	146220	45.016	ng		91
27) 2,4-Dimethylphenol	7.534	122	230506	50.916	ng		99
28) bis(2-Chloroethoxy)met...	7.622	93	295117	46.496	ng		99
29) 2,4-Dichlorophenol	7.728	162	226027	44.624	ng		100
30) 1,2,4-Trichlorobenzene	7.804	180	238267	43.634	ng		96
31) Naphthalene	7.881	128	774605	41.619	ng		99
32) Benzoic acid	7.698	122	116933	40.828	ng		91
33) 4-Chloroaniline	7.939	127	270194	37.476	ng		100
34) Hexachlorobutadiene	7.992	225	150193	44.315	ng		99
35) Caprolactam	8.328	113	69529m	45.624	ng		
36) 4-Chloro-3-methylphenol	8.439	107	236827	43.105	ng		96
37) 2-Methylnaphthalene	8.569	142	511493	43.671	ng		99
38) 1-Methylnaphthalene	8.669	142	486294	42.769	ng		99
40) 1,2,4,5-Tetrachloroben...	8.739	216	243919	46.384	ng		99
41) Hexachlorocyclopentadiene	8.722	237	181670	89.095	ng		99
43) 2,4,6-Trichlorophenol	8.857	196	153400	43.445	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	8.910	196	163198	42.029	ng	94	10/18/2022
46) 1,1'-Biphenyl	9.039	154	627293	44.658	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.063	162	490784	42.750	ng	98	
48) 2-Nitroaniline	9.169	65	144164	41.716	ng	93	
49) Acenaphthylene	9.475	152	737866	42.895	ng	99	
50) Dimethylphthalate	9.351	163	576116	42.939	ng	99	
51) 2,6-Dinitrotoluene	9.416	165	129366	43.955	ng	87	10/18/2022
52) Acenaphthene	9.645	154	441477	42.361	ng	100	
53) 3-Nitroaniline	9.580	138	109564	33.961	ng	97	
54) 2,4-Dinitrophenol	9.698	184	123334	82.099	ng	95	
55) Dibenzofuran	9.816	168	674784	42.502	ng	100	
56) 4-Nitrophenol	9.769	139	142121	79.897	ng	96	
57) 2,4-Dinitrotoluene	9.822	165	171496	45.339	ng	# 74	
58) Fluorene	10.157	166	559217	42.844	ng	99	
59) 2,3,4,6-Tetrachlorophenol	9.939	232	136279	44.022	ng	95	
60) Diethylphthalate	10.045	149	560734	41.887	ng	99	
61) 4-Chlorophenyl-phenyle...	10.151	204	261105	44.247	ng	98	
62) 4-Nitroaniline	10.198	138	127451	41.378	ng	98	
63) Azobenzene	10.310	77	507150	40.223	ng	99	
65) 4,6-Dinitro-2-methylph...	10.227	198	90531	43.250	ng	95	
66) n-Nitrosodiphenylamine	10.275	169	475956	42.718	ng	99	
67) 4-Bromophenyl-phenylether	10.639	248	170066	44.873	ng	97	
68) Hexachlorobenzene	10.698	284	195642	45.665	ng	99	
69) Atrazine	10.810	200	150137	49.485	ng	97	
70) Pentachlorophenol	10.904	266	150537	90.281	ng	99	
71) Phenanthrene	11.116	178	786100	42.360	ng	99	
72) Anthracene	11.169	178	797561	44.006	ng	99	
73) Carbazole	11.327	167	729167	45.087	ng	99	
74) Di-n-butylphthalate	11.657	149	882627	45.055	ng	100	
75) Fluoranthene	12.298	202	833967	46.758	ng	99	
77) Benzidine	12.427	184	371191	59.008	ng	99	
78) Pyrene	12.521	202	832883	38.793	ng	100	
80) Butylbenzylphthalate	13.151	149	361987	43.846	ng	98	
81) Benzo(a)anthracene	13.710	228	709230	42.294	ng	99	
82) 3,3'-Dichlorobenzidine	13.680	252	226284	46.697	ng	99	
83) Chrysene	13.751	228	662170	41.648	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.710	149	480359	47.994	ng	99	
85) Di-n-octyl phthalate	14.315	149	720119	46.979	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.386	276	540803	39.836	ng	98	
88) Benzo(b)fluoranthene	14.715	252	576608	50.203	ng	99	
89) Benzo(k)fluoranthene	14.745	252	567542	48.529	ng	98	
90) Benzo(a)pyrene	15.039	252	474940	49.684	ng	98	
91) Dibenzo(a,h)anthracene	16.392	278	471556	42.376	ng	99	
92) Benzo(g,h,i)perylene	16.768	276	467487	45.105	ng	98	

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

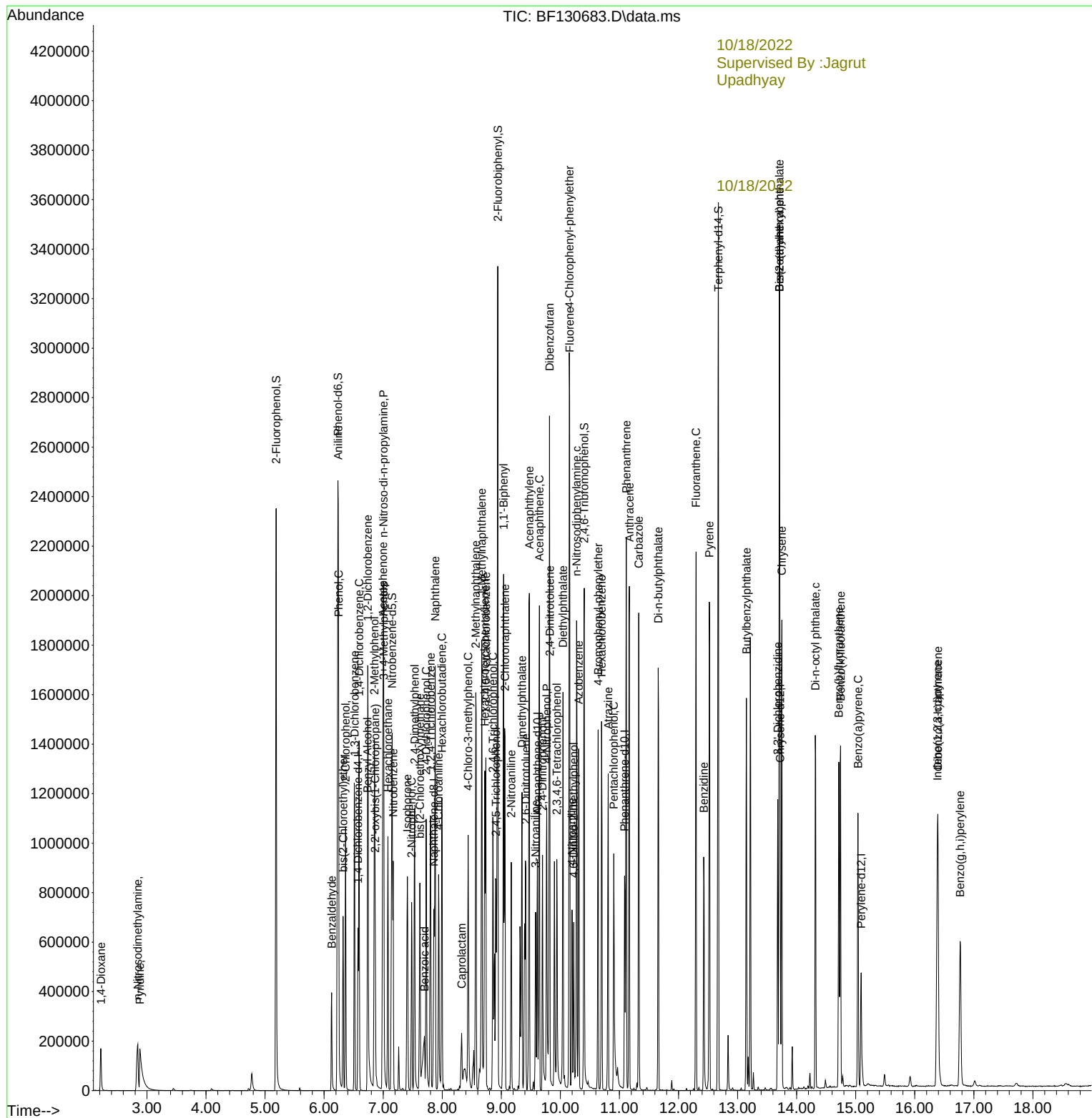
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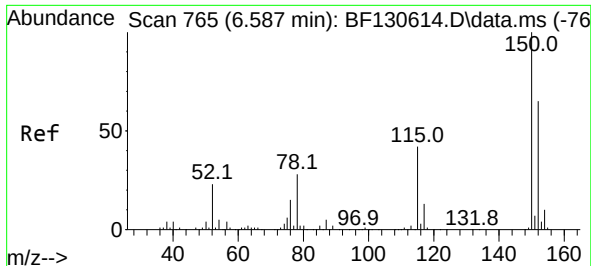
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Manual Integrations
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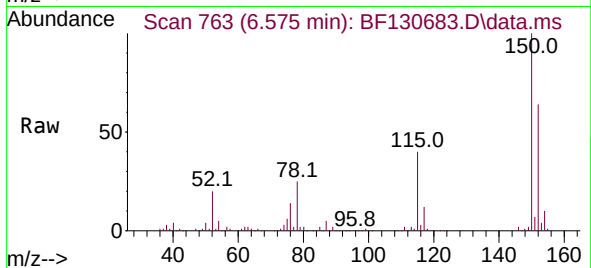
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

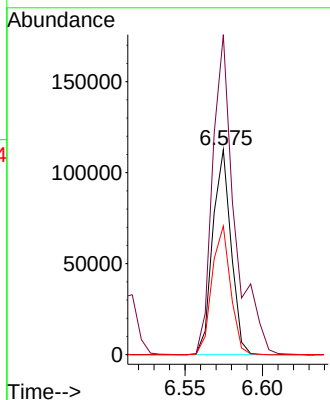
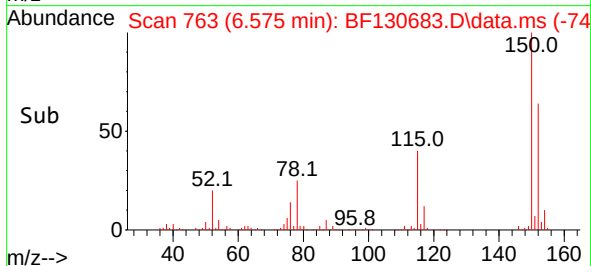
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:152 Resp: 92821
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 62.7 52.2 78.4

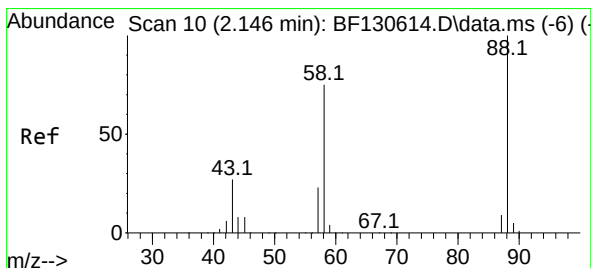
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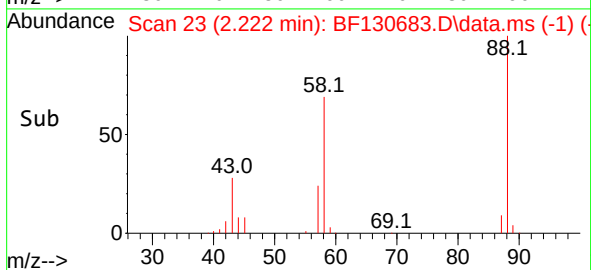
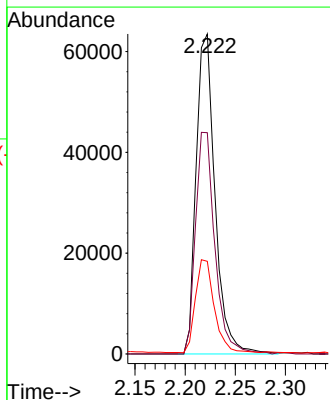
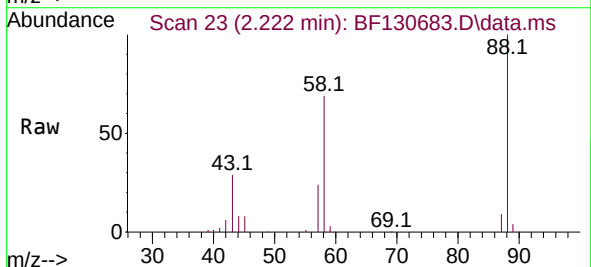
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Supervised By :Jagrut
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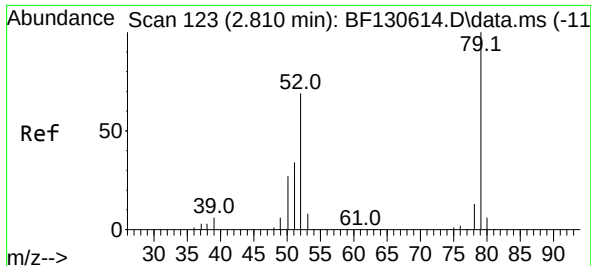
10/18/2022



#2
1,4-Dioxane
Concen: 26.619 ng
RT: 2.222 min Scan# 23
Delta R.T. 0.088 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

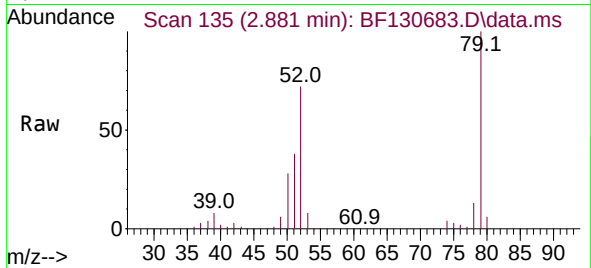
Tgt Ion: 88 Resp: 82927
Ion Ratio Lower Upper
88 100
58 71.0 58.8 88.2
43 28.9 22.2 33.4





#3
Pyridine
Concen: 32.746 ng
RT: 2.881 min Scan# 135
Delta R.T. 0.094 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

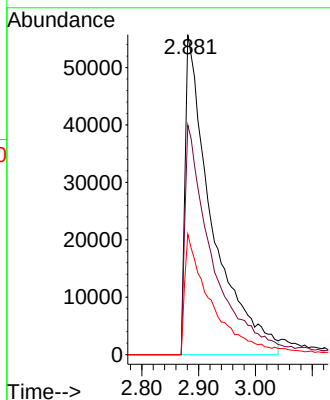
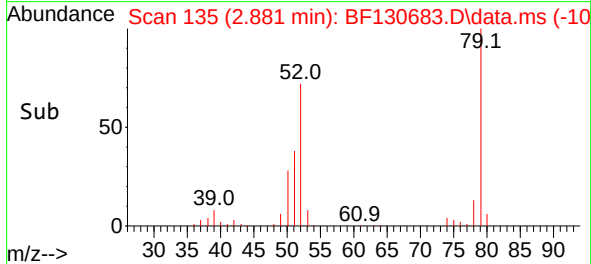
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Tgt Ion: 79 Resp: 182486
Ion Ratio Lower Upper
79 100
52 71.7 54.8 82.2
51 37.6 27.4 41.2

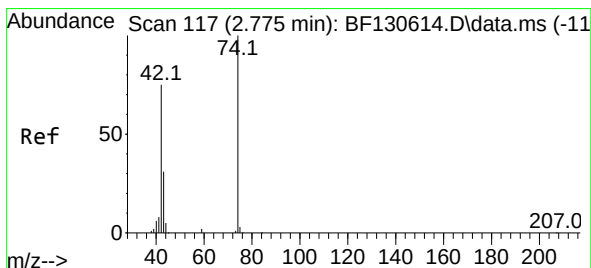
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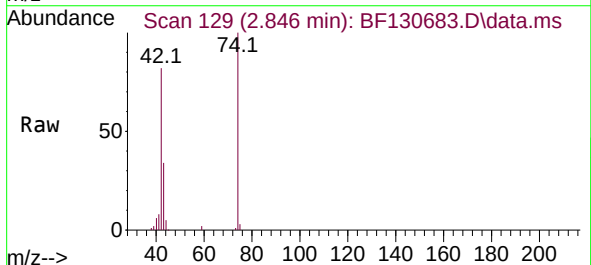


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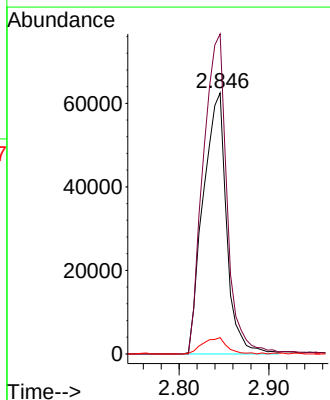
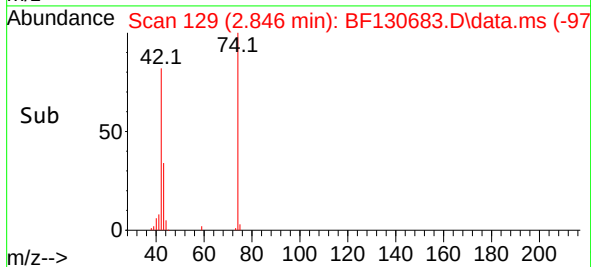
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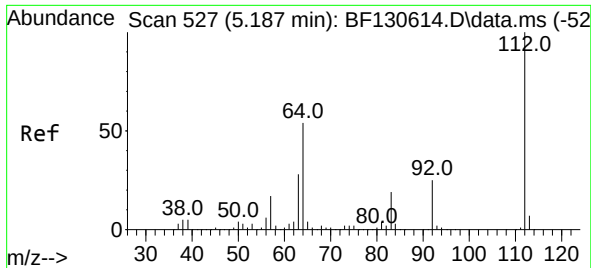


#4
n-Nitrosodimethylamine
Concen: 43.305 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.088 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion: 42 Resp: 113702
Ion Ratio Lower Upper
42 100
74 122.6 106.2 159.2
44 6.2 5.0 7.4





#5
2-Fluorophenol
Concen: 134.913 ng
RT: 5.187 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

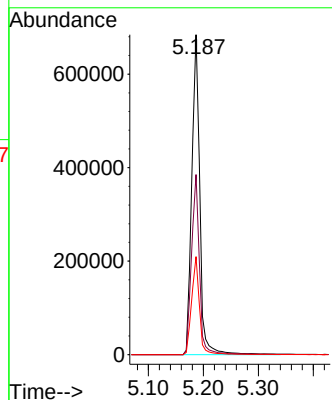
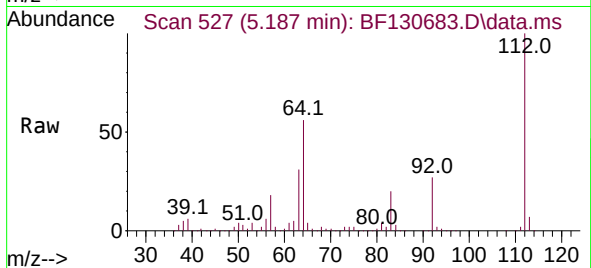
ClientSampleId :

PB148341BS

Tgt Ion:112 Resp: 694728
Ion Ratio Lower Upper
112 100
64 56.3 43.5 65.3
63 30.6 22.6 34.0

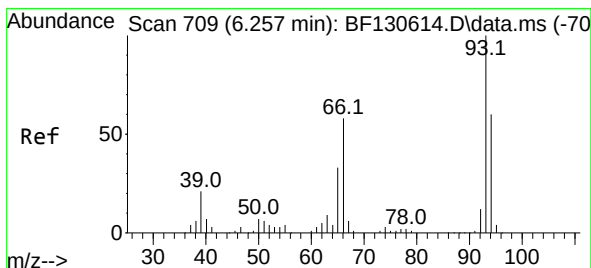
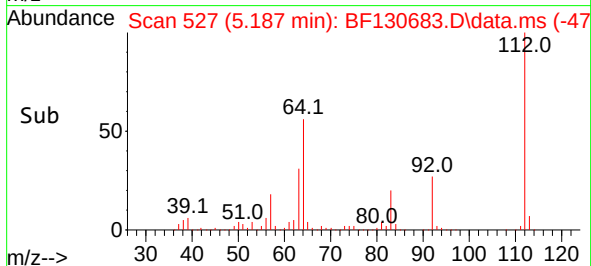
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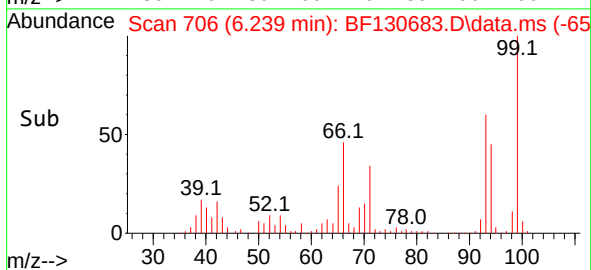
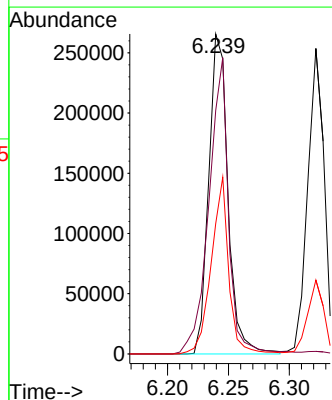
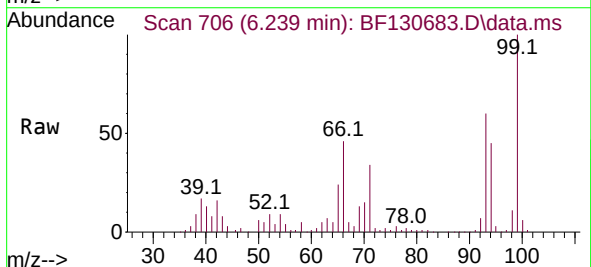
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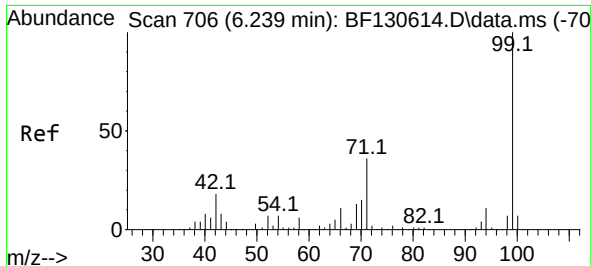
10/18/2022



#6
Aniline
Concen: 37.705 ng
RT: 6.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

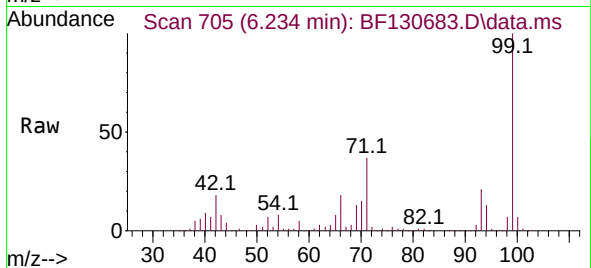
Tgt Ion: 93 Resp: 292260
Ion Ratio Lower Upper
93 100
66 76.1 47.4 71.0#
65 40.8 26.6 40.0#





#7
Phenol-d6
Concen: 129.730 ng
RT: 6.234 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

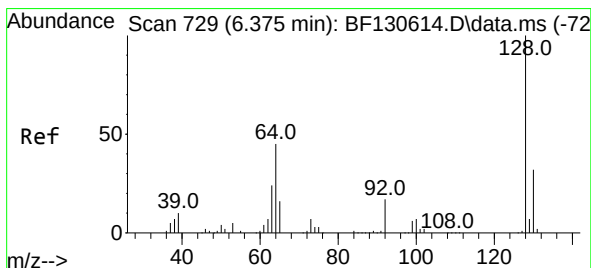
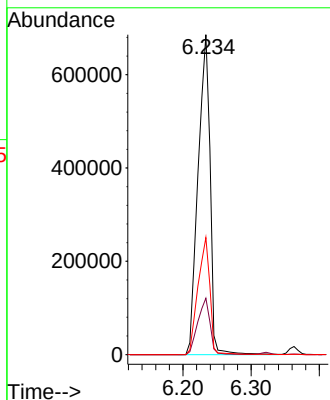
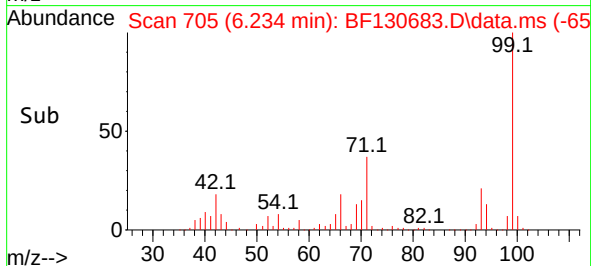
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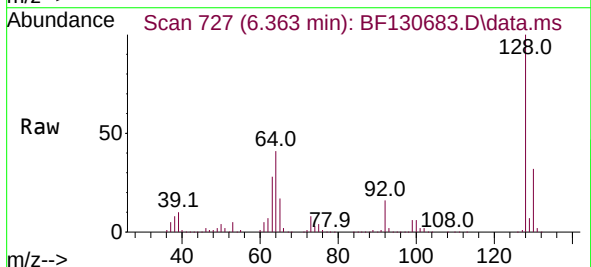
Tgt Ion: 99 Resp: 839906
Ion Ratio Lower Upper
99 100
42 17.6 14.0 21.0
71 36.6 28.8 43.2

Manual Integrations
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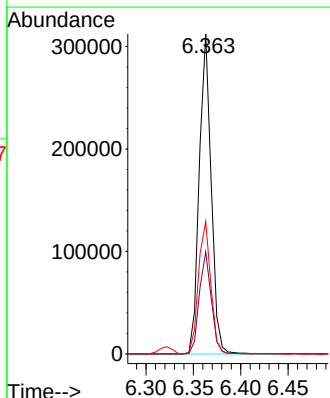
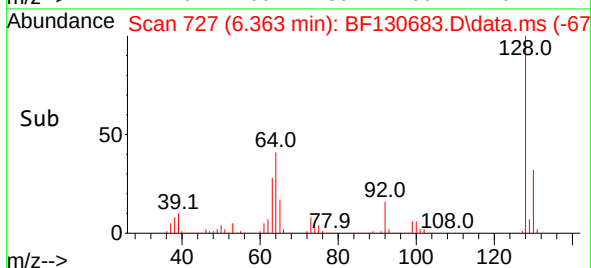
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Supervised By :Jagrut Upadhyay 10/18/2022

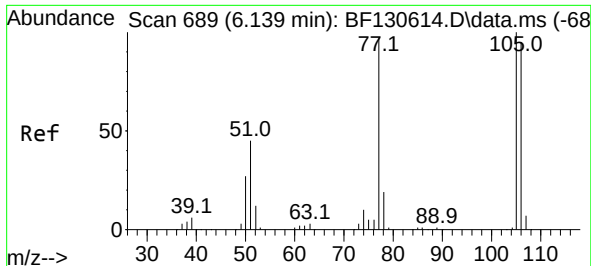


#8
2-Chlorophenol
Concen: 45.082 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:128 Resp: 273002
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 41.4 25.9 65.9





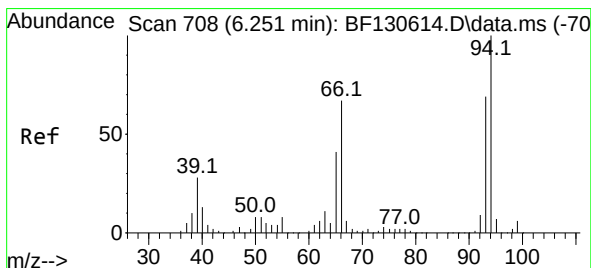
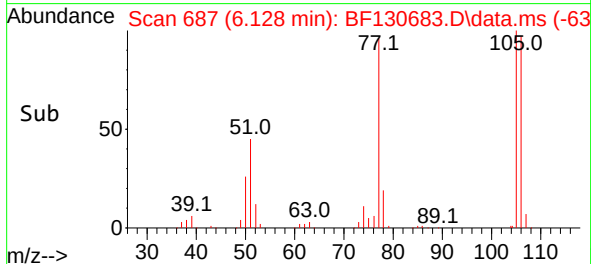
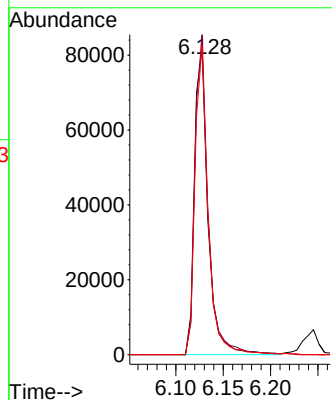
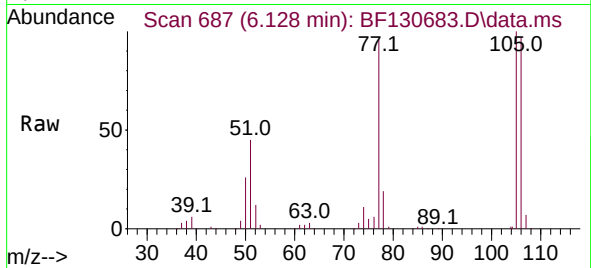
#9
Benzaldehyde
Concen: 19.968 ng
RT: 6.128 min Scan# 68
Delta R.T. -0.000 min
Lab File: BF130683.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 81223
Ion Ratio Lower Upper
77 100
105 104.3 83.0 123.0
106 100.8 77.8 117.8

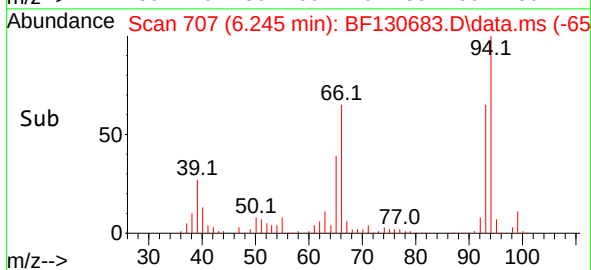
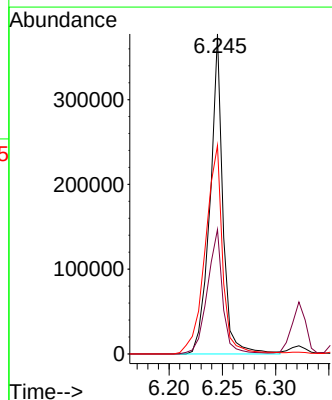
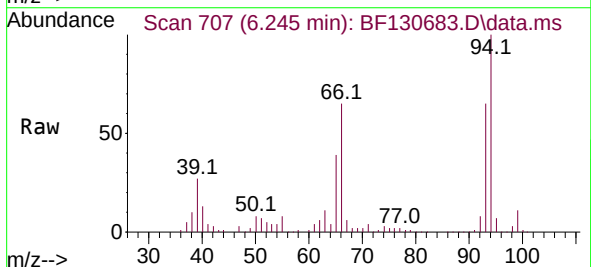
Manual Integrations
APPROVED

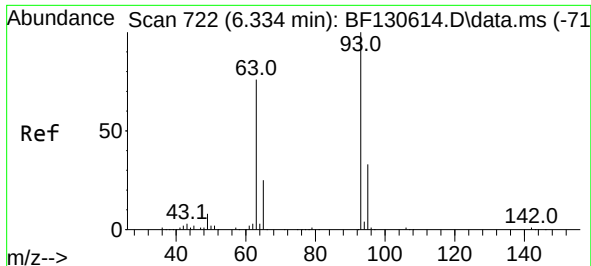
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#10
Phenol
Concen: 42.364 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion: 94 Resp: 317357
Ion Ratio Lower Upper
94 100
65 38.9 21.2 61.2
66 65.1 46.9 86.9





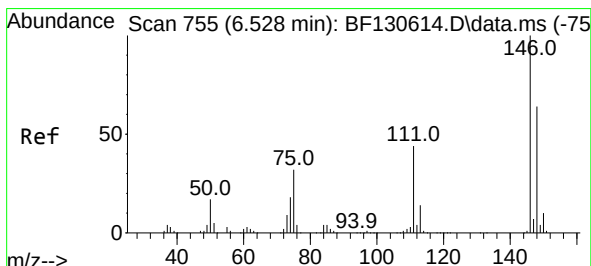
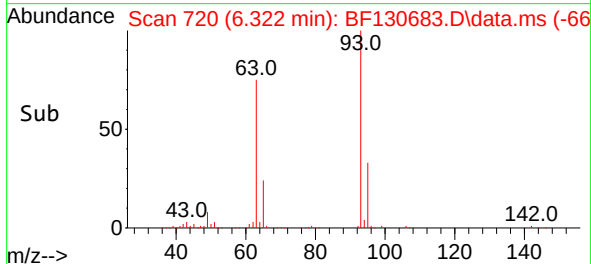
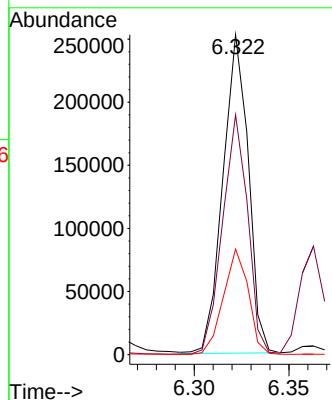
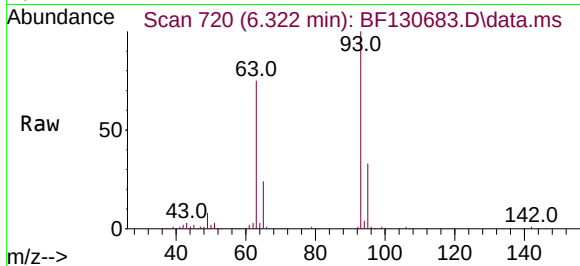
#11
bis(2-Chloroethyl)ether
Concen: 43.244 ng
RT: 6.322 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion: 93 Resp: 235313
Ion Ratio Lower Upper
93 100
63 74.9 56.1 96.1
95 33.0 12.4 52.4

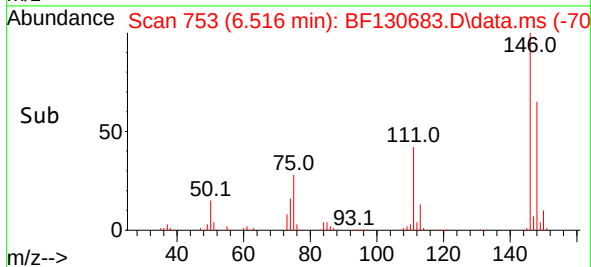
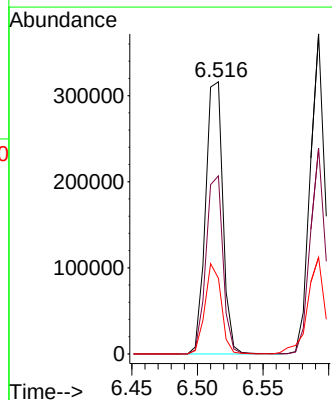
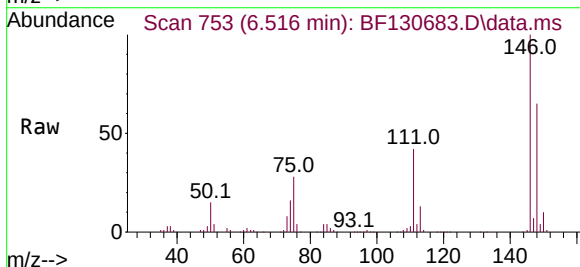
Manual Integrations
APPROVED

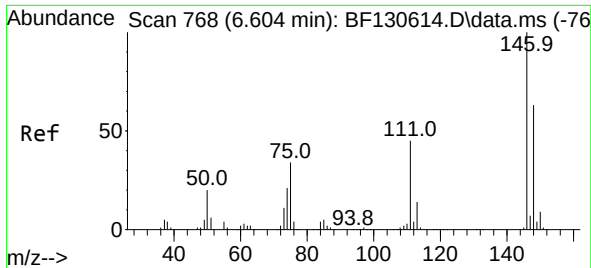
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 43.688 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:146 Resp: 289676
Ion Ratio Lower Upper
146 100
148 65.4 51.3 76.9
75 27.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 44.172 ng

RT: 6.592 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

Tgt Ion:146 Resp: 297130

Ion Ratio Lower Upper

146 100

148 64.3 50.1 75.1

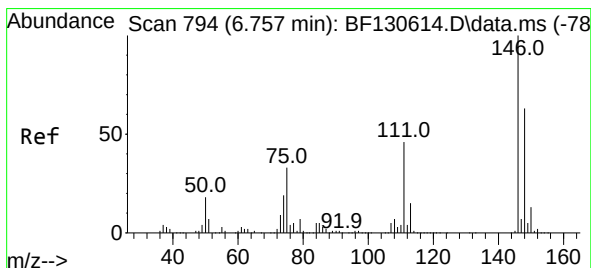
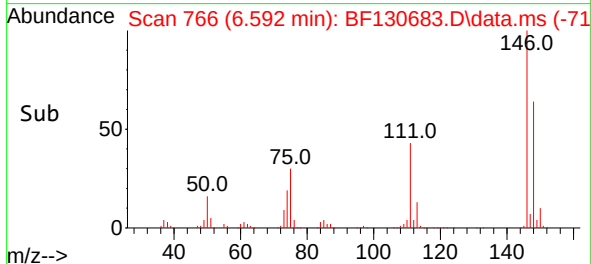
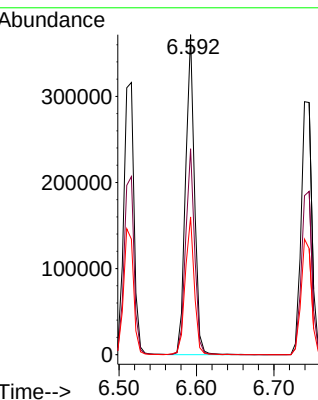
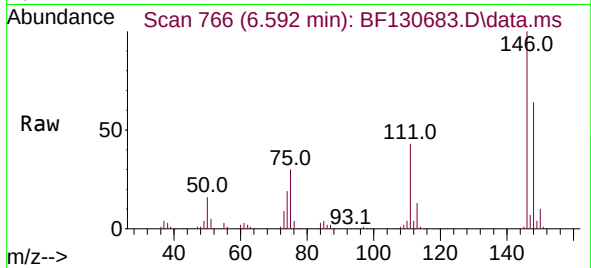
111 43.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#14

1,2-Dichlorobenzene

Concen: 45.193 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

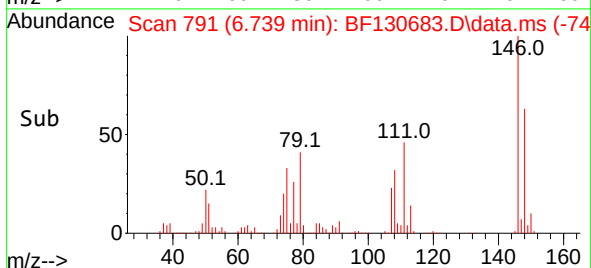
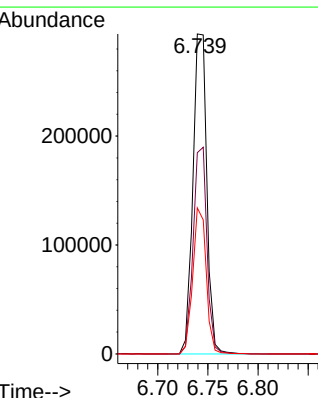
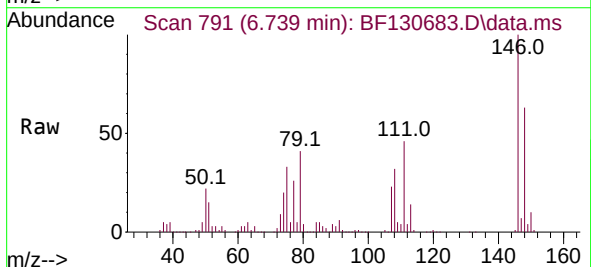
Tgt Ion:146 Resp: 283114

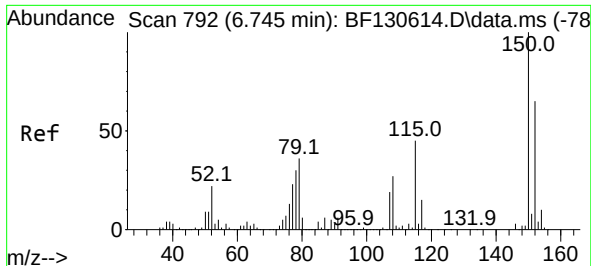
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

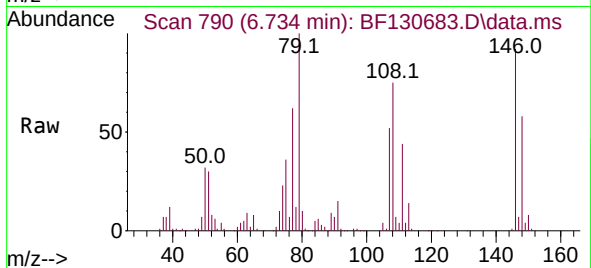
111 45.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.688 ng
RT: 6.734 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

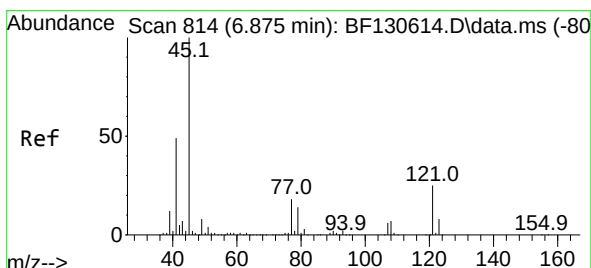
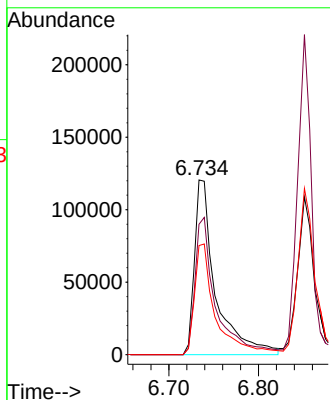
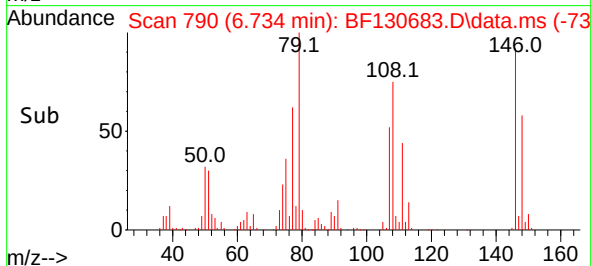
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion: 79 Resp: 198425
Ion Ratio Lower Upper
79 100
108 74.6 59.7 89.5
77 62.4 51.8 77.6

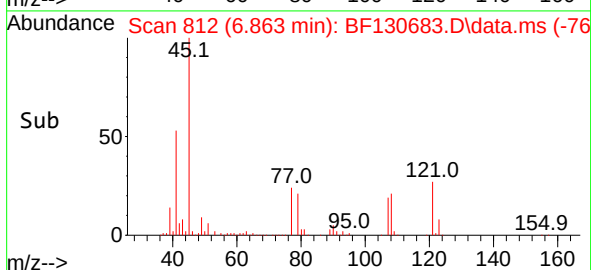
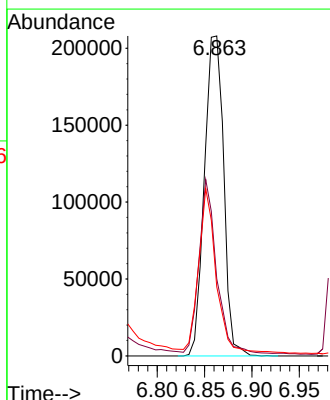
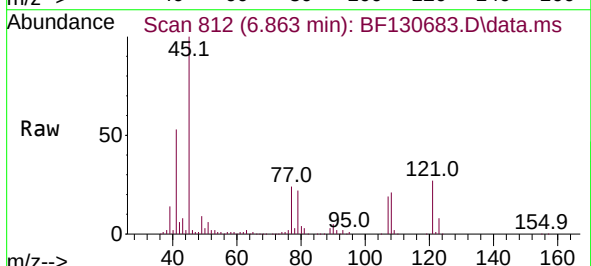
Manual Integrations
APPROVED

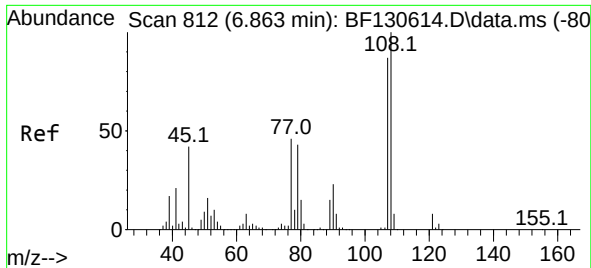
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.011 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

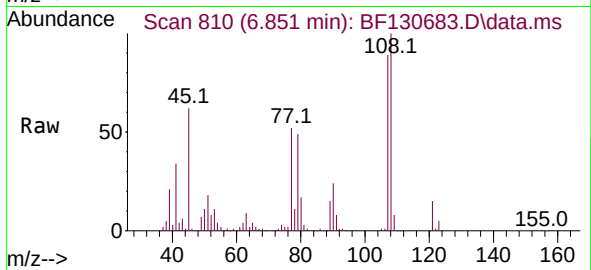
Tgt Ion: 45 Resp: 294110
Ion Ratio Lower Upper
45 100
77 24.1 0.0 38.7
79 21.6 0.0 34.6





#17
2-Methylphenol
Concen: 45.458 ng
RT: 6.851 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

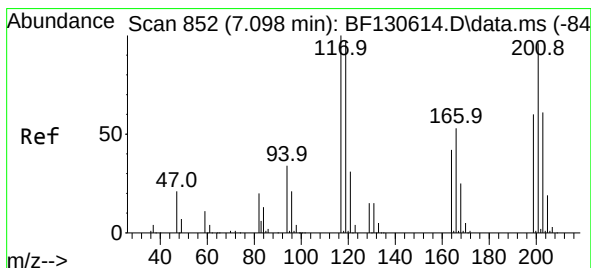
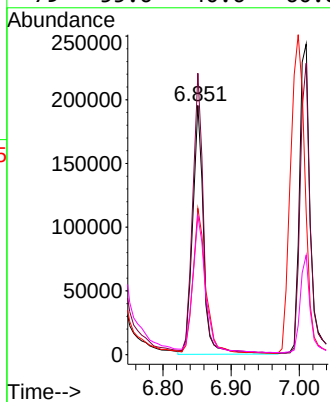
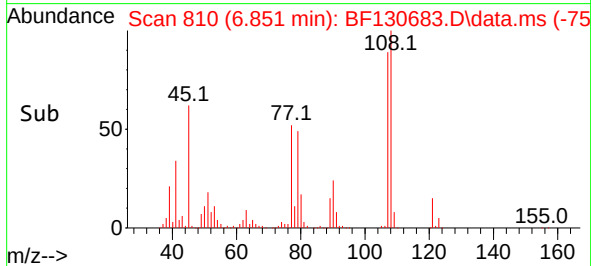
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:107 Resp: 218972
Ion Ratio Lower Upper
107 100
108 112.9 92.2 138.2
77 58.6 42.7 64.1
79 55.6 40.6 60.8

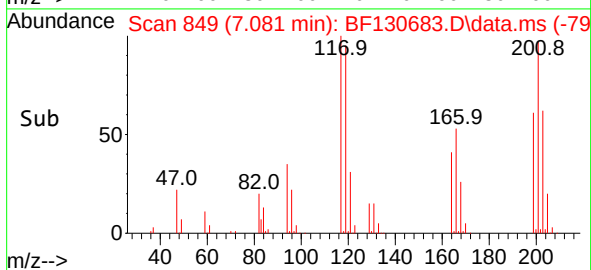
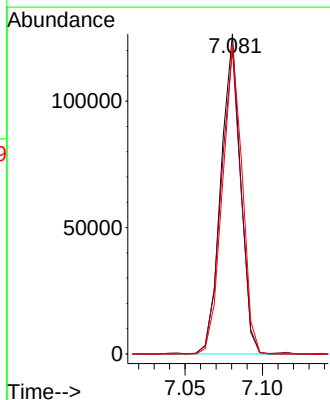
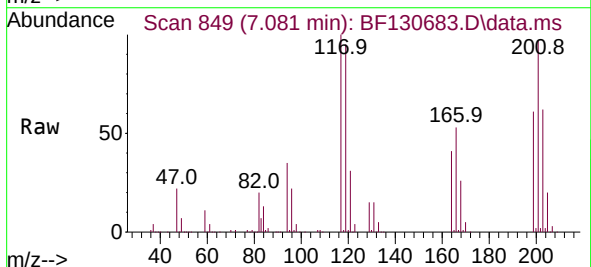
Manual Integrations
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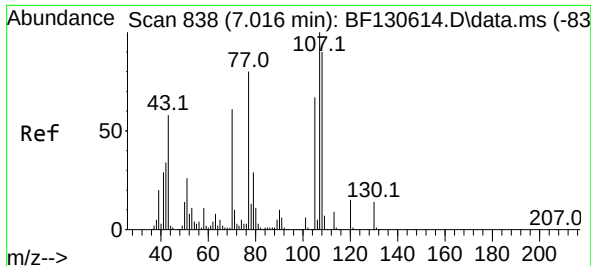
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#18
Hexachloroethane
Concen: 43.593 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:117 Resp: 110932
Ion Ratio Lower Upper
117 100
119 95.1 77.6 116.4
201 97.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.560 ng

RT: 7.004 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF130683.D

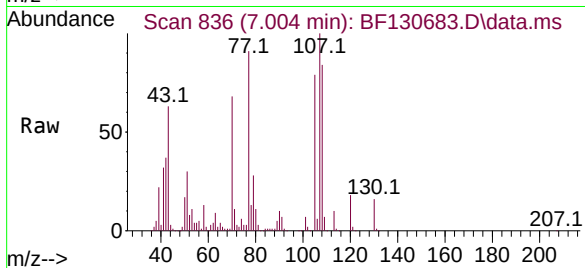
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS



Tgt Ion: 70 Resp: 177776

Ion Ratio Lower Upper

70 100

42 55.2 44.3 66.5

101 10.2 7.9 11.9

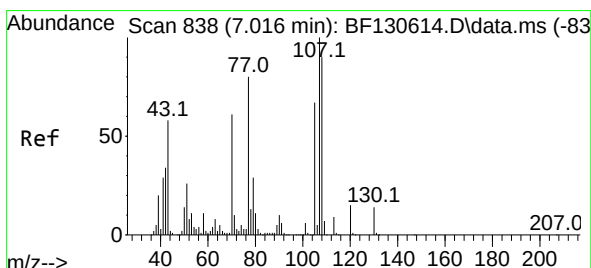
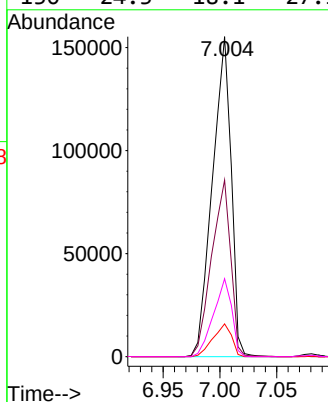
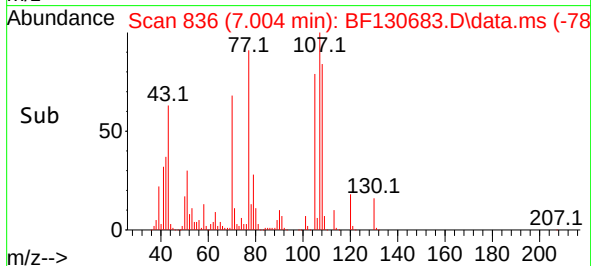
130 24.3 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#20

3+4-Methylphenols

Concen: 41.854 ng

RT: 7.010 min Scan# 837

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Tgt Ion:107 Resp: 270163

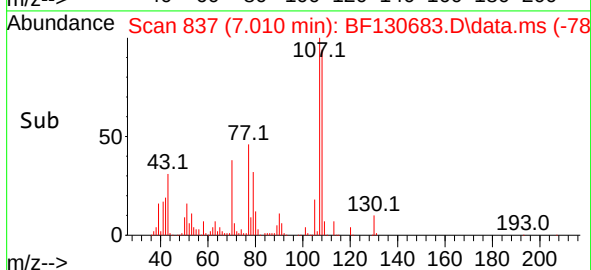
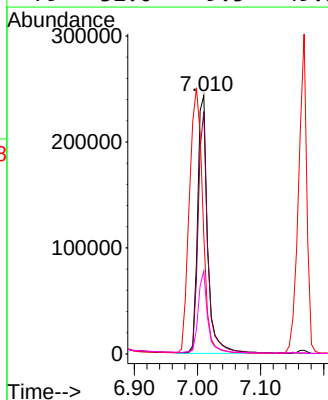
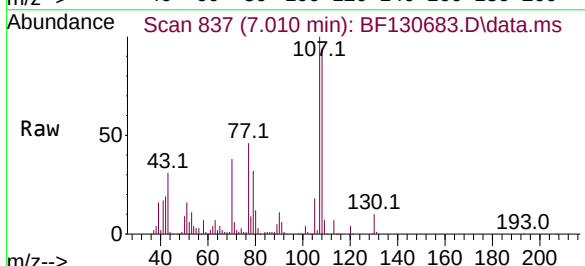
Ion Ratio Lower Upper

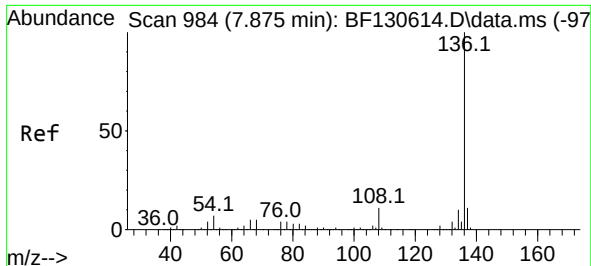
107 100

108 93.8 69.7 109.7

77 45.8 59.7 99.7#

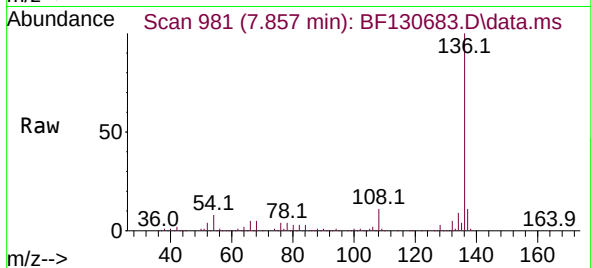
79 32.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

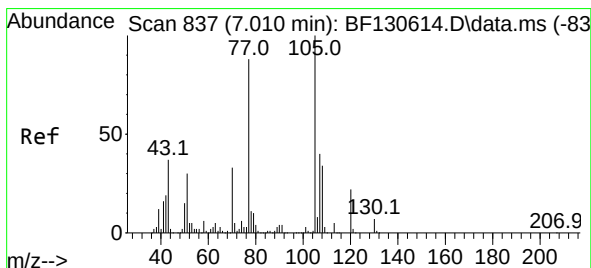
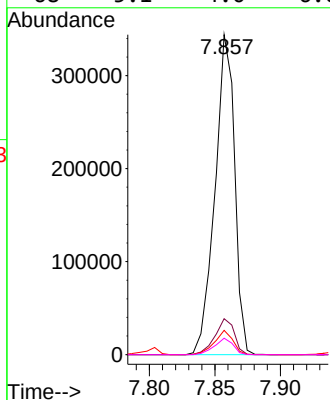
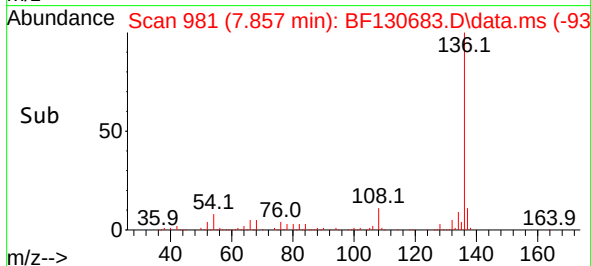
Instrument :
BNA_F
ClientSampleId :
PB148341BS



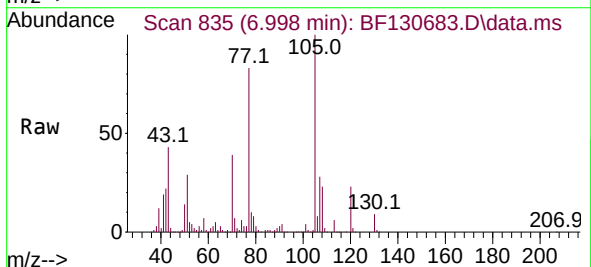
Tgt Ion:136 Resp: 359549
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 5.5 8.3
68 5.1 4.0 6.0

Manual Integrations
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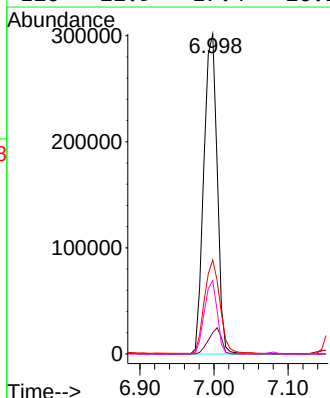
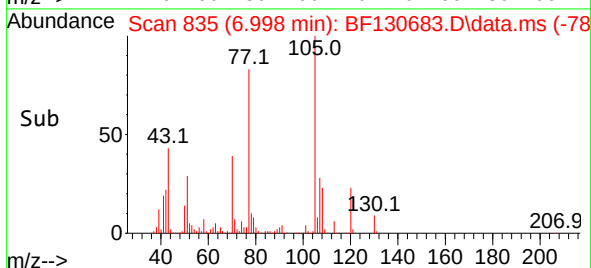
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

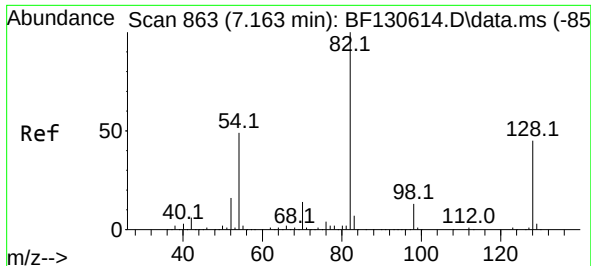


#22
Acetophenone
Concen: 43.730 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:105 Resp: 377177
Ion Ratio Lower Upper
105 100
71 6.6 4.2 6.4
51 29.4 24.3 36.5
120 22.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 80.184 ng

RT: 7.151 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

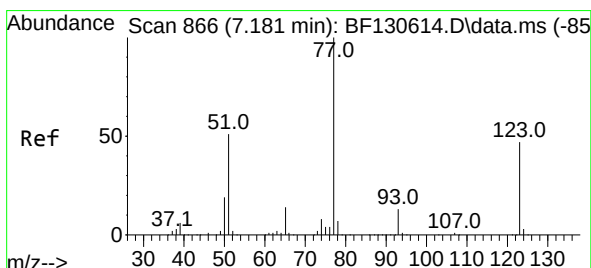
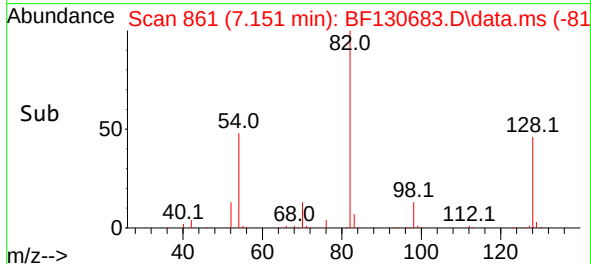
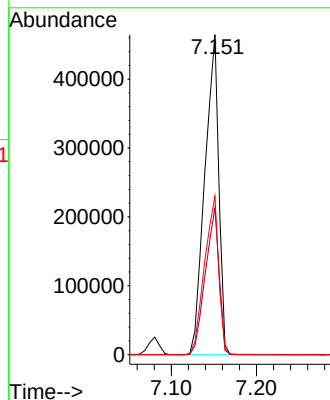
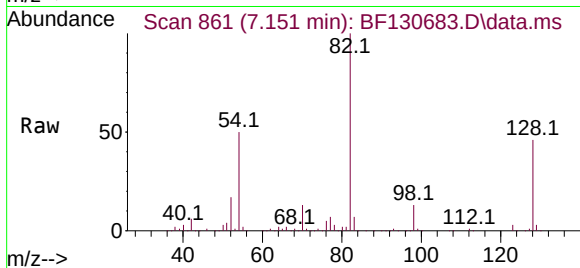
PB148341BS

Tgt Ion: 82 Resp: 528116
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.8 53.6
 54 49.5 39.3 58.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#24

Nitrobenzene

Concen: 41.061 ng

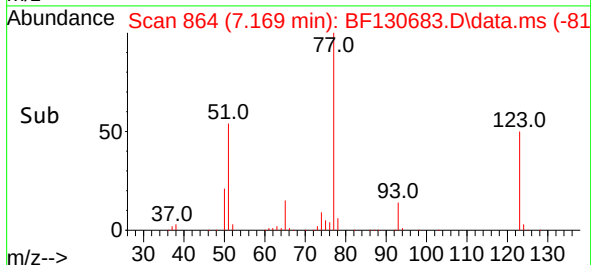
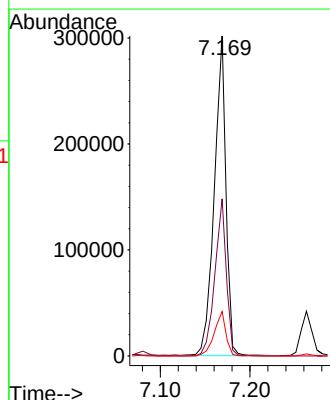
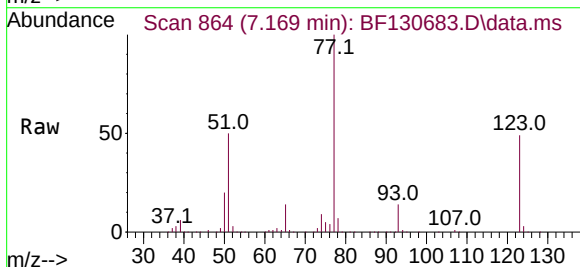
RT: 7.169 min Scan# 864

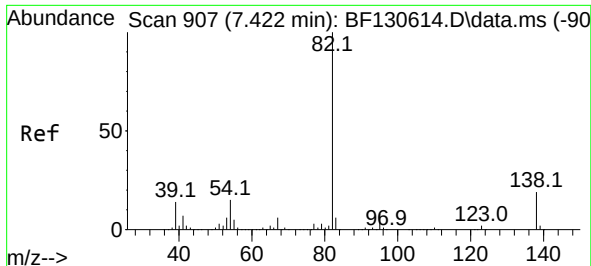
Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Tgt Ion: 77 Resp: 271968
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.5 56.3
 65 13.9 11.0 16.4





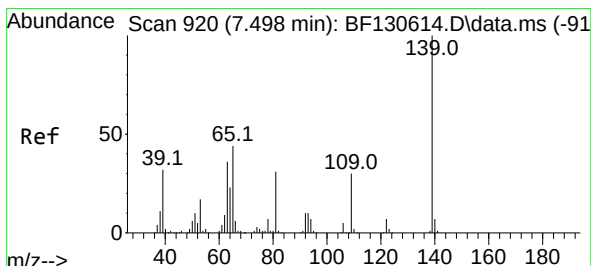
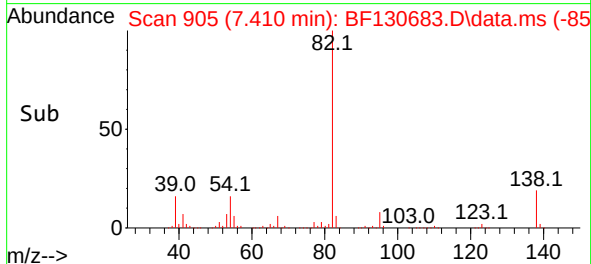
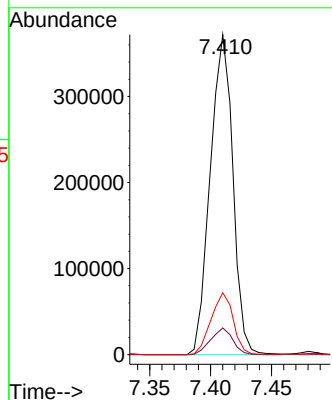
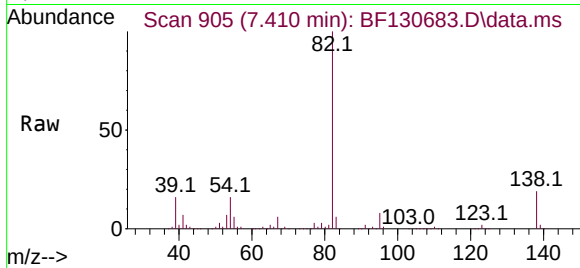
#25
Isophorone
Concen: 43.877 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
Client Sample Id :
PB148341BS

Tgt Ion: 82 Resp: 480976
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 19.3 14.9 22.3

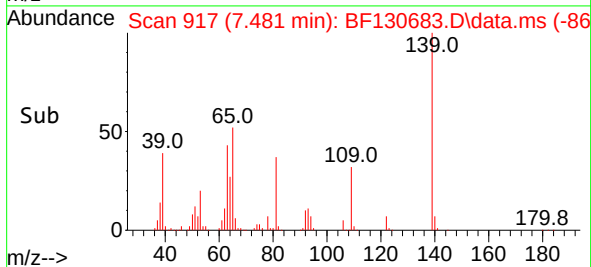
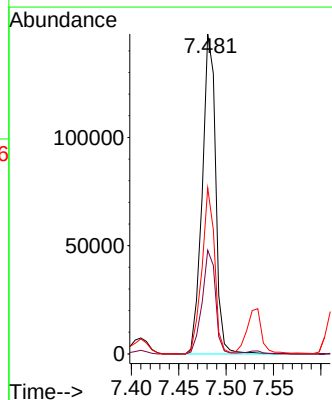
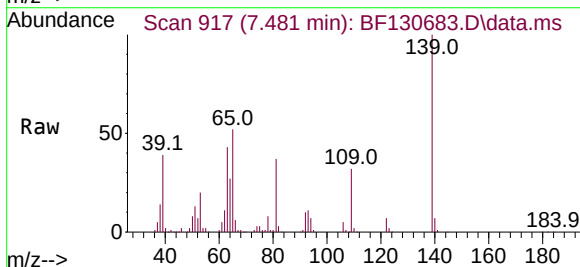
Manual Integrations
APPROVED

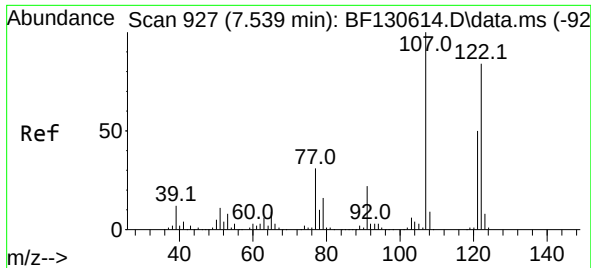
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#26
2-Nitrophenol
Concen: 45.016 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:139 Resp: 146220
Ion Ratio Lower Upper
139 100
109 32.4 23.9 35.9
65 51.9 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 50.916 ng

RT: 7.534 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

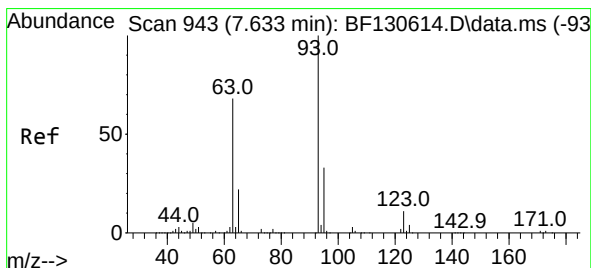
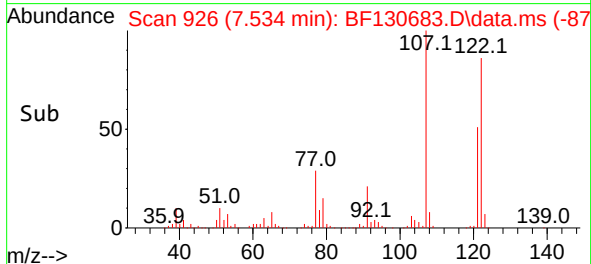
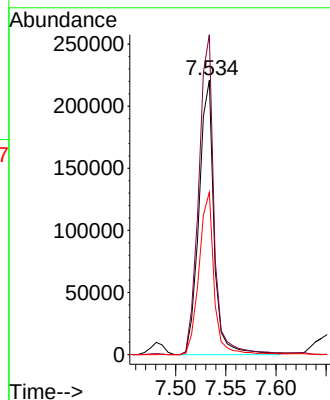
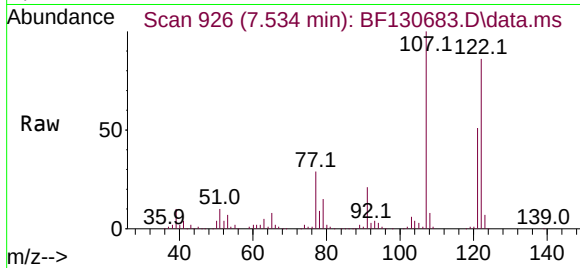
PB148341BS

Tgt Ion:	122	Resp:	230506
Ion	Ratio	Lower	Upper
122	100		
107	116.6	94.9	142.3
121	59.2	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.496 ng

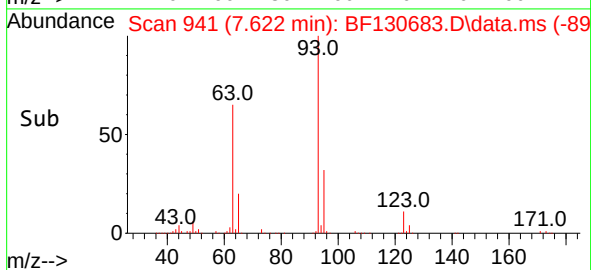
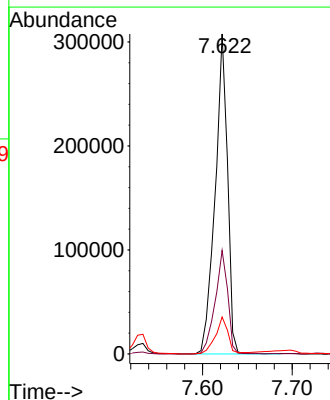
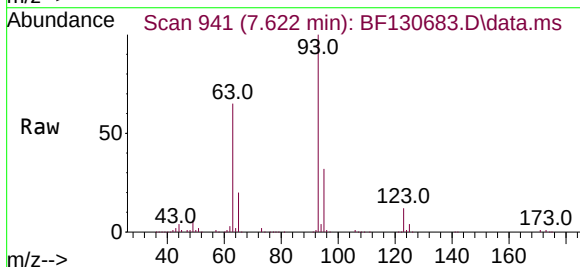
RT: 7.622 min Scan# 941

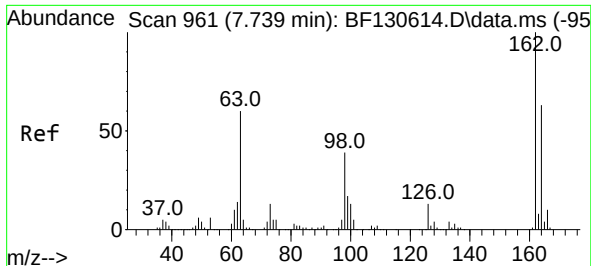
Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Tgt Ion:	93	Resp:	295117
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.5	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 44.624 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

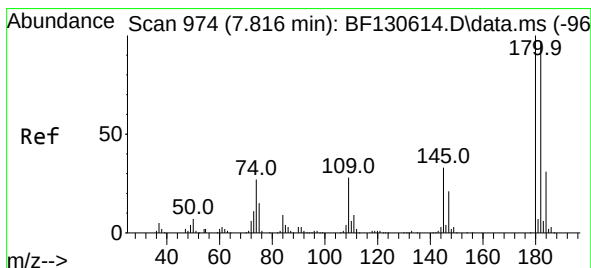
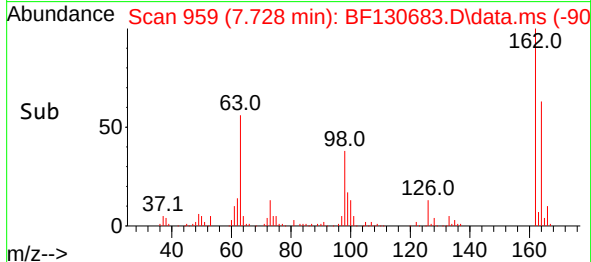
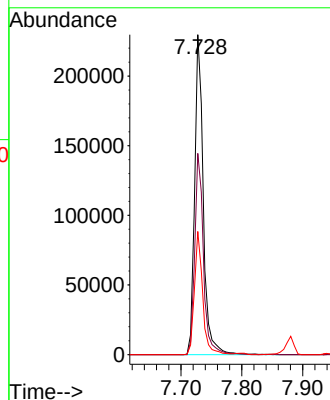
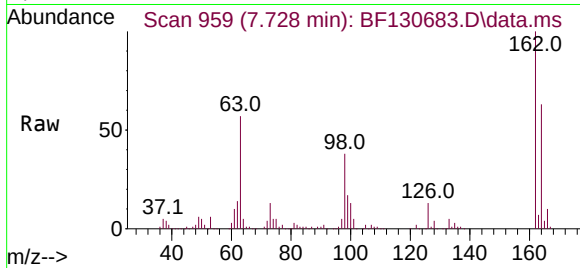
Tgt Ion:162 Resp: 226027
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.8 82.8
 98 38.5 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.634 ng

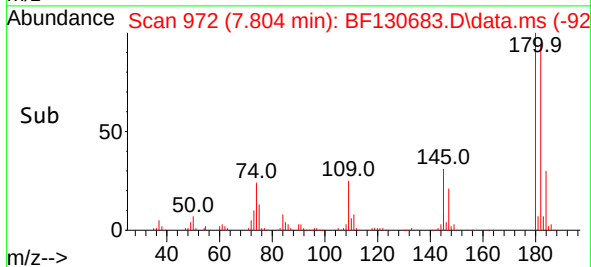
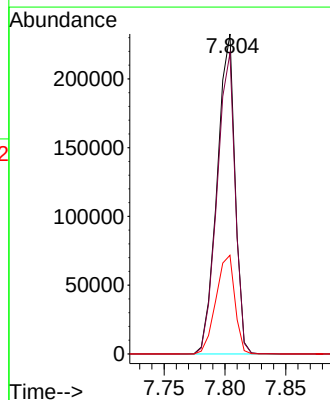
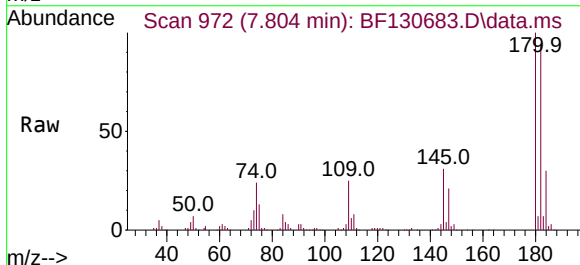
RT: 7.804 min Scan# 972

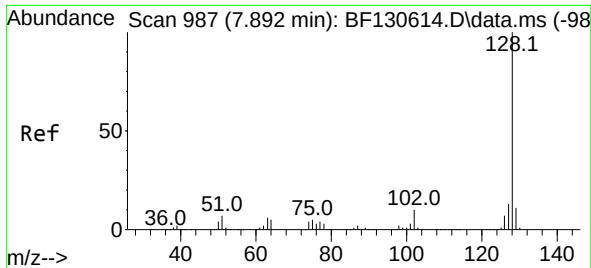
Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

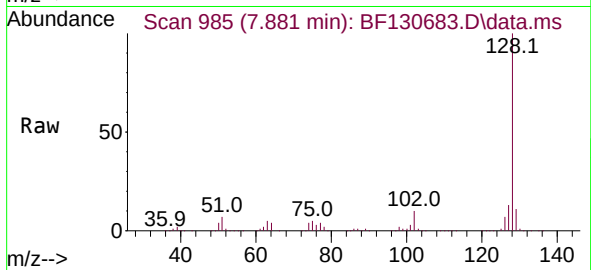
Tgt Ion:180 Resp: 238267
 Ion Ratio Lower Upper
 180 100
 182 94.0 78.0 117.0
 145 30.8 26.7 40.1





#31
Naphthalene
Concen: 41.619 ng
RT: 7.881 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

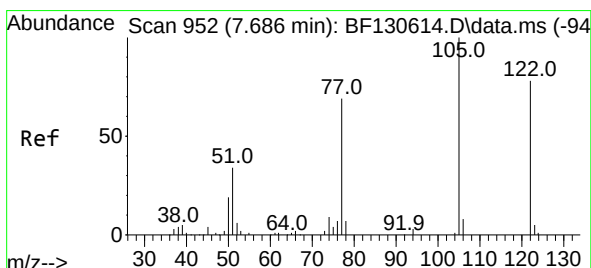
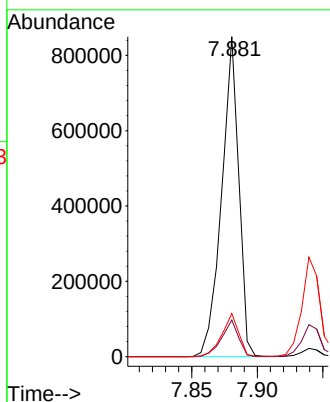
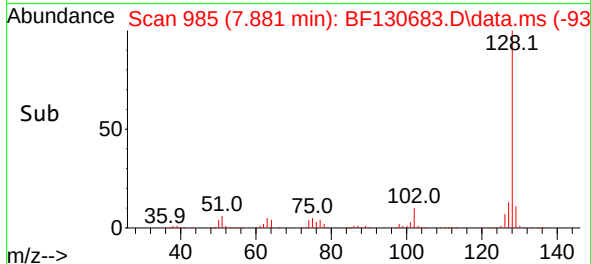
Instrument :
BNA_F
Client Sample Id :
PB148341BS



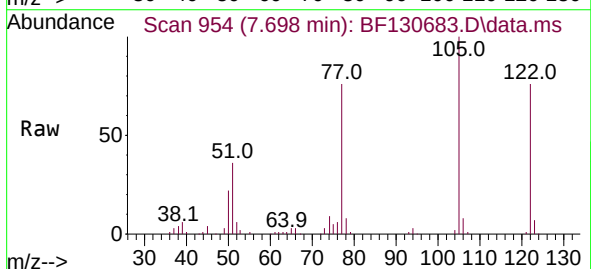
Tgt Ion:128 Resp: 774605
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.3 15.5

Manual Integrations
APPROVED

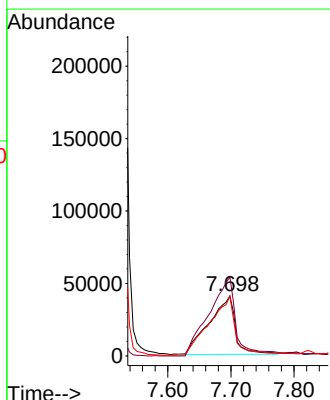
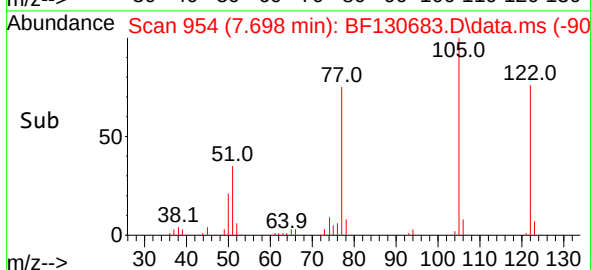
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

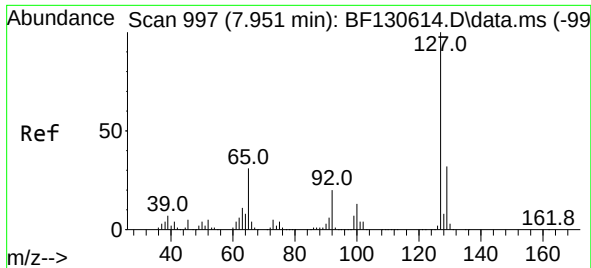


#32
Benzoic acid
Concen: 40.828 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.012 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:122 Resp: 116933
Ion Ratio Lower Upper
122 100
105 131.8 104.8 144.8
77 99.7 68.2 108.2





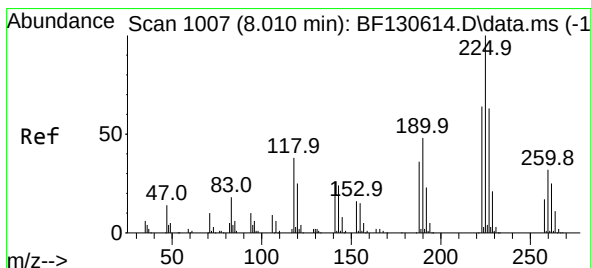
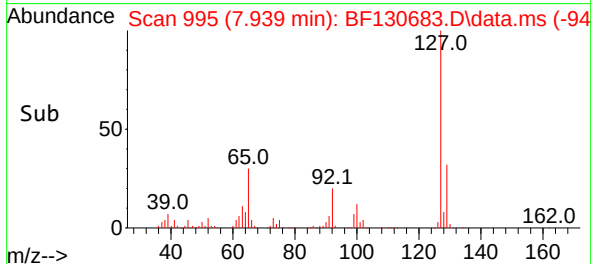
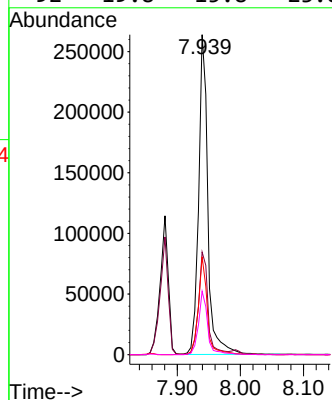
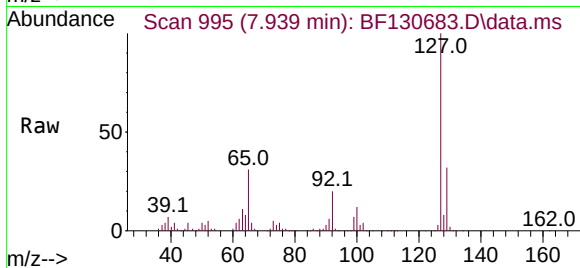
#33
4-Chloroaniline
Concen: 37.476 ng
RT: 7.939 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion:	127	Resp:	270194
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.7	38.5
65	30.6	24.7	37.1
92	19.8	15.8	23.8

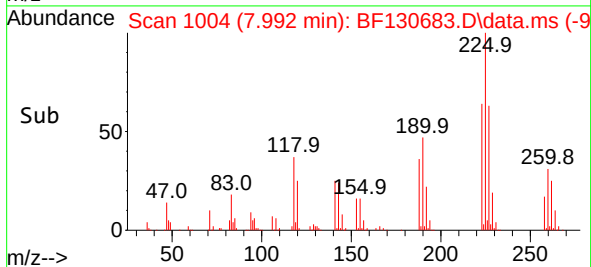
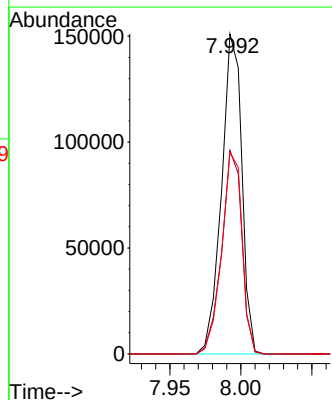
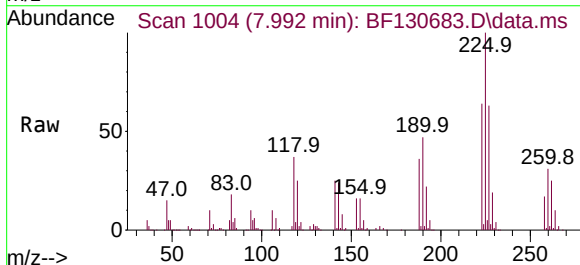
Manual Integrations
APPROVED

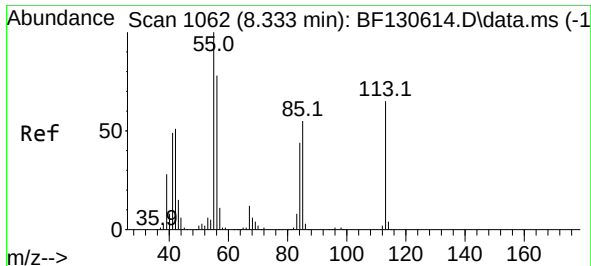
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#34
Hexachlorobutadiene
Concen: 44.315 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

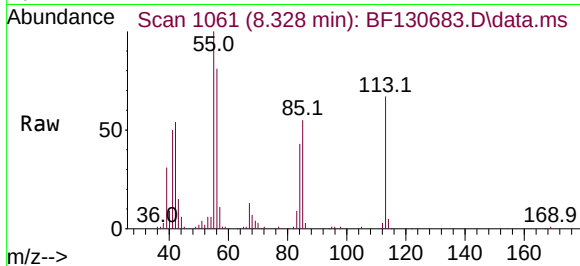
Tgt Ion:	225	Resp:	150193
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.5	77.3
227	62.9	50.4	75.6





#35
Caprolactam
Concen: 45.624 ng m
RT: 8.328 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

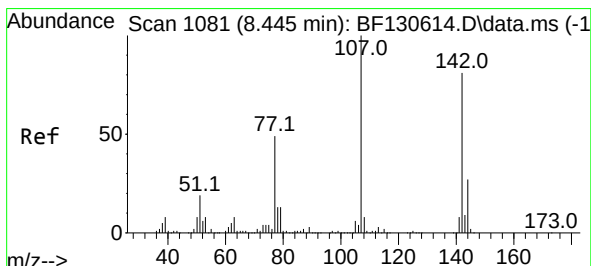
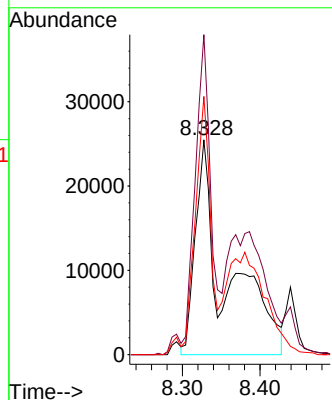
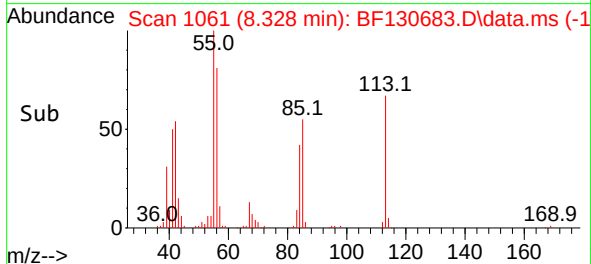
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:113 Resp: 69529
Ion Ratio Lower Upper
113 100
55 148.9 134.3 174.3
56 120.1 101.0 141.0

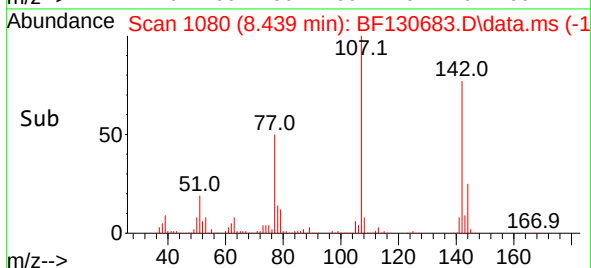
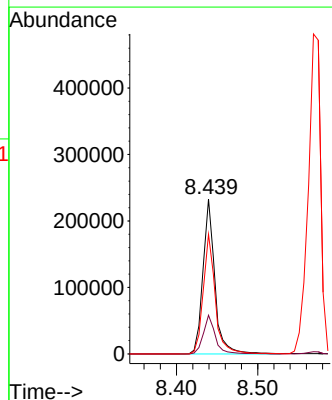
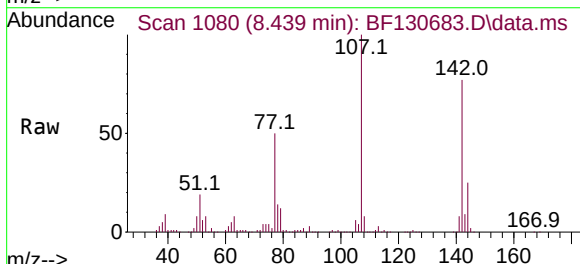
Manual Integrations
APPROVED

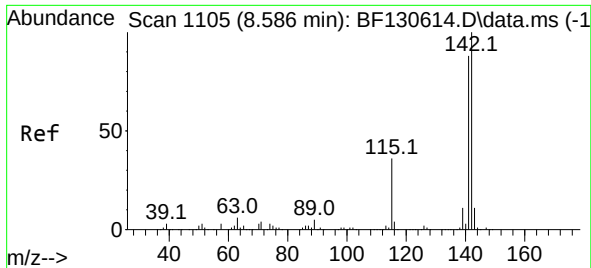
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#36
4-Chloro-3-methylphenol
Concen: 43.105 ng
RT: 8.439 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:107 Resp: 236827
Ion Ratio Lower Upper
107 100
144 25.0 21.9 32.9
142 77.3 64.6 96.8





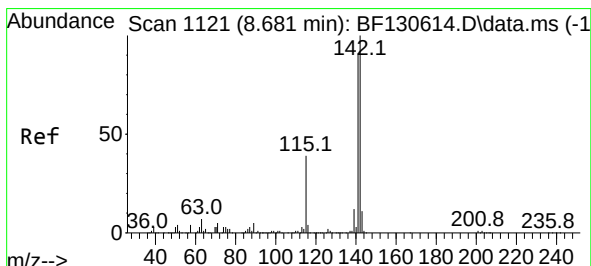
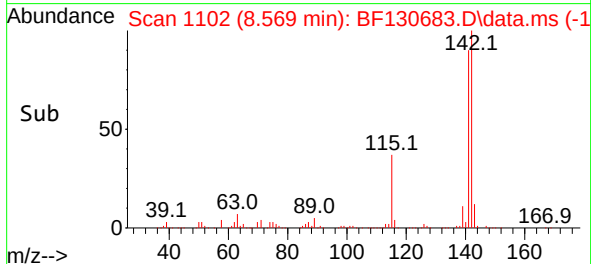
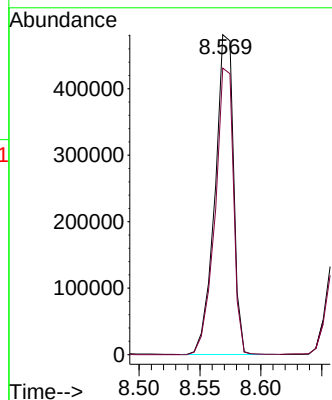
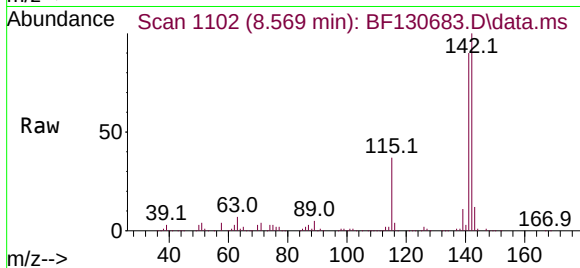
#37
2-Methylnaphthalene
Concen: 43.671 ng
RT: 8.569 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion:142 Resp: 511493
Ion Ratio Lower Upper
142 100
141 89.5 70.7 106.1

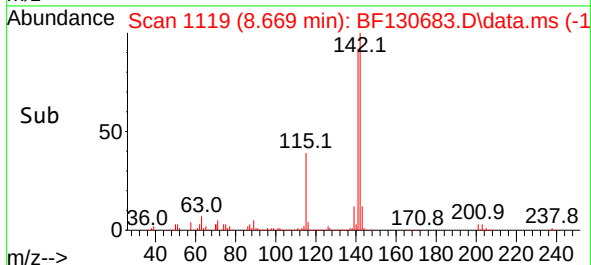
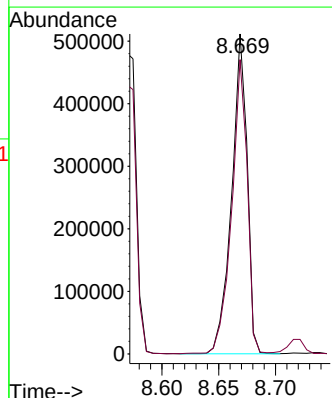
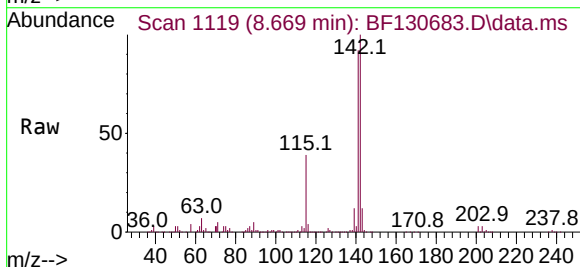
Manual Integrations
APPROVED

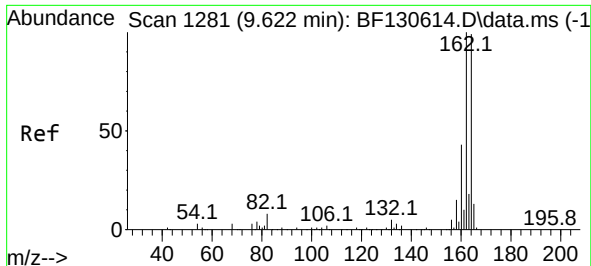
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#38
1-Methylnaphthalene
Concen: 42.769 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

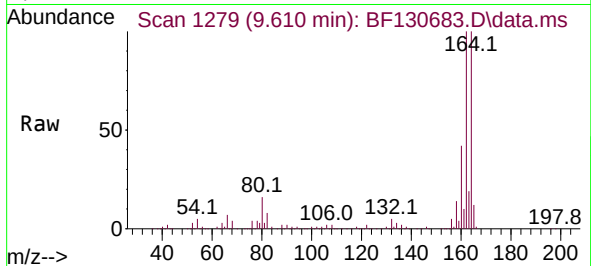
Tgt Ion:142 Resp: 486294
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

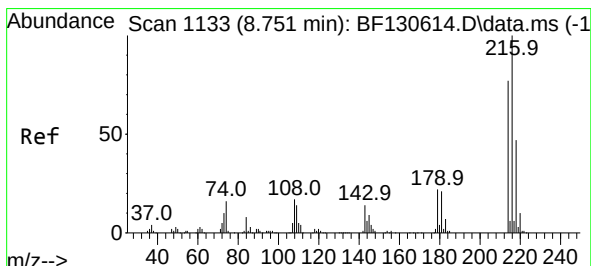
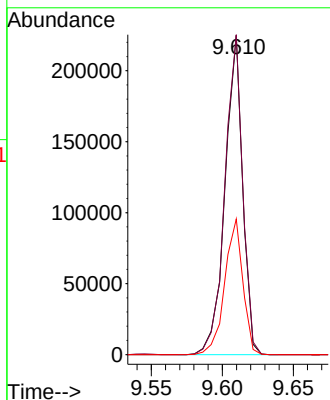
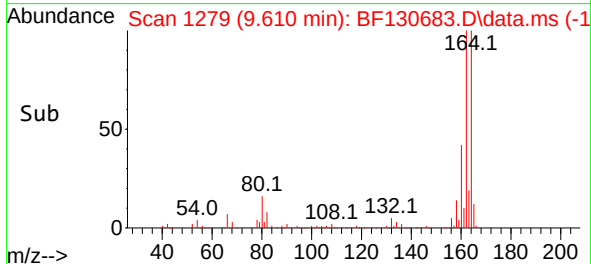
Instrument :
BNA_F
ClientSampleId :
PB148341BS



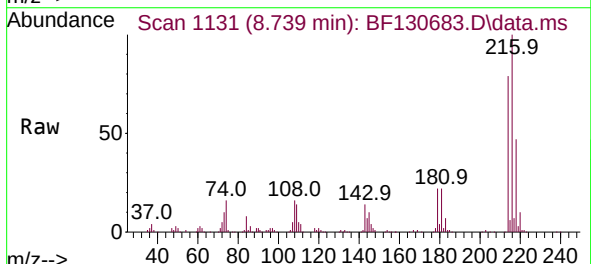
Tgt Ion:164 Resp: 193824
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 42.5 34.5 51.7

Manual Integrations
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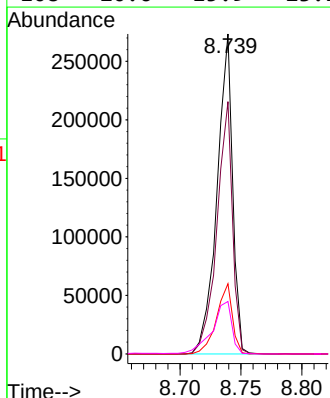
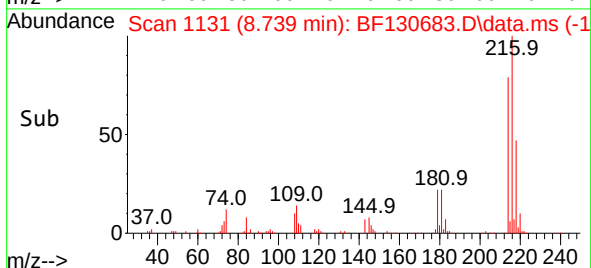
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

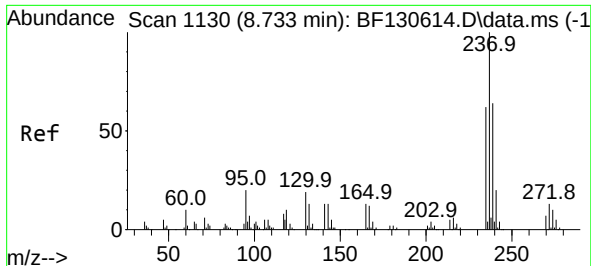


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.384 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



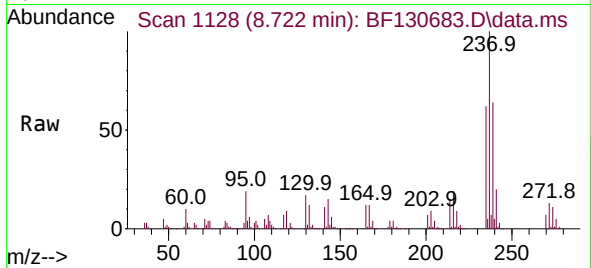
Tgt Ion:216 Resp: 243919
Ion Ratio Lower Upper
216 100
214 78.5 62.1 93.1
179 22.1 18.6 27.8
108 20.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 89.095 ng
RT: 8.722 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

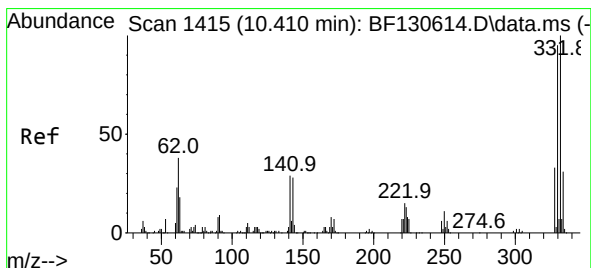
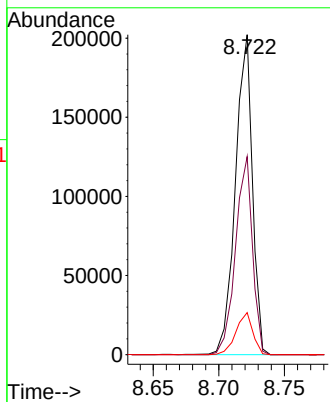
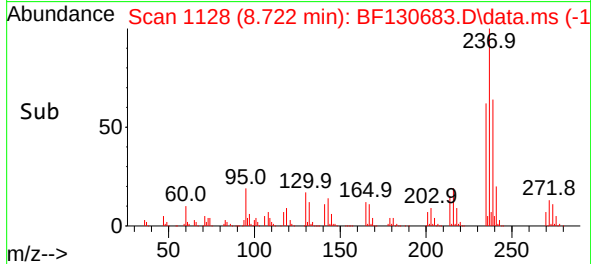
Instrument :
BNA_F
ClientSampleId :
PB148341BS



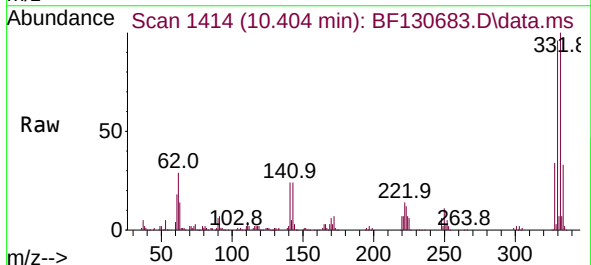
Tgt Ion:237 Resp: 181670
Ion Ratio Lower Upper
237 100
235 61.9 42.2 82.2
272 13.1 0.0 32.6

Manual Integrations
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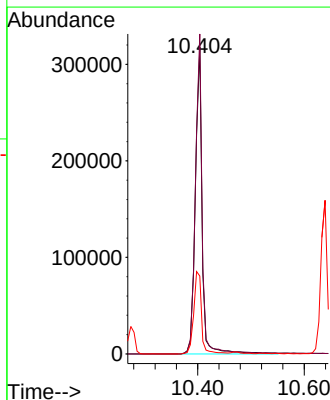
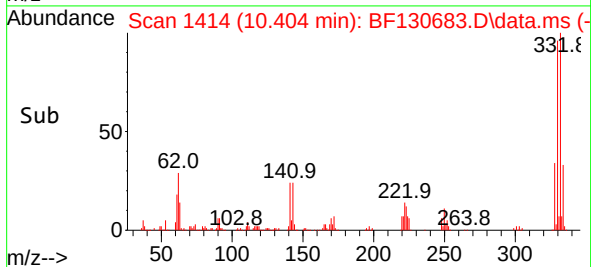
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

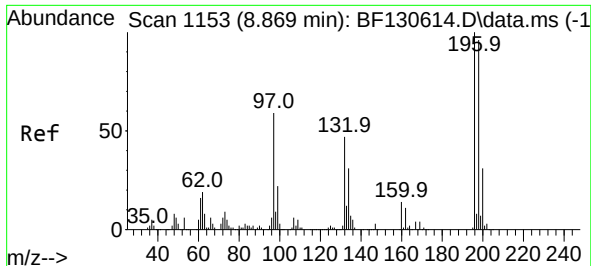


#42
2,4,6-Tribromophenol
Concen: 148.934 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



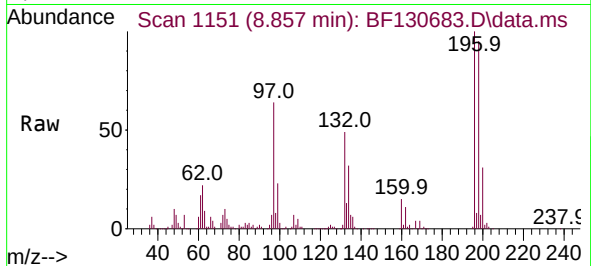
Tgt Ion:330 Resp: 282461
Ion Ratio Lower Upper
330 100
332 102.7 84.2 126.4
141 30.6 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 43.445 ng
RT: 8.857 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

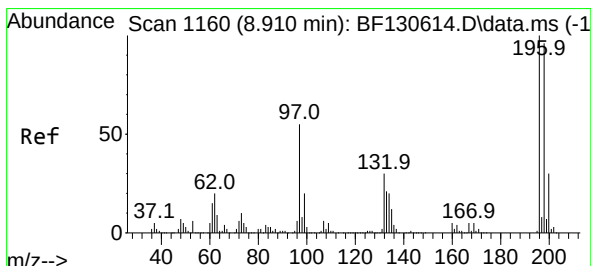
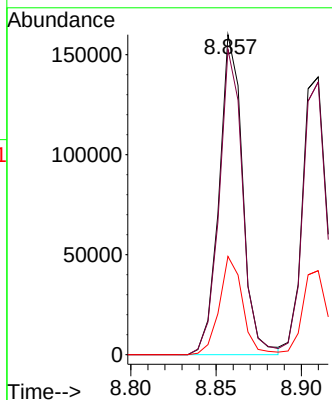
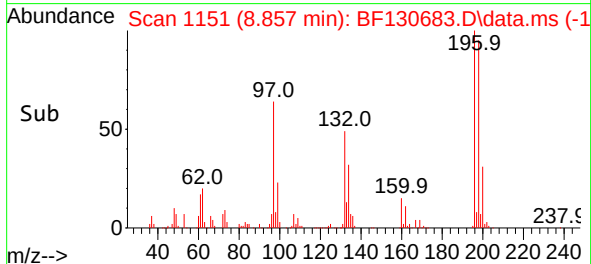
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:196 Resp: 153400
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
200 30.7 25.0 37.6

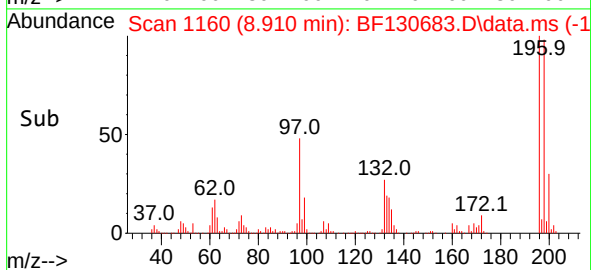
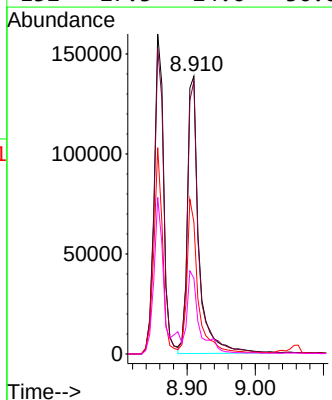
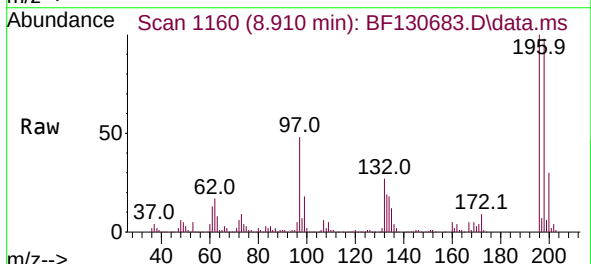
Manual Integrations
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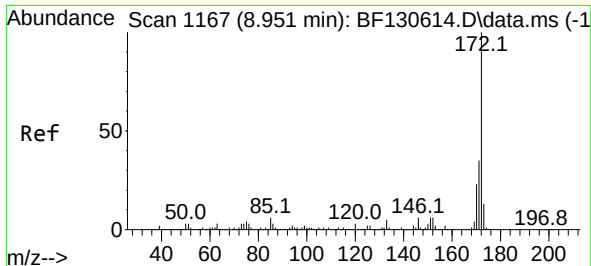
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#44
2,4,5-Trichlorophenol
Concen: 42.029 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

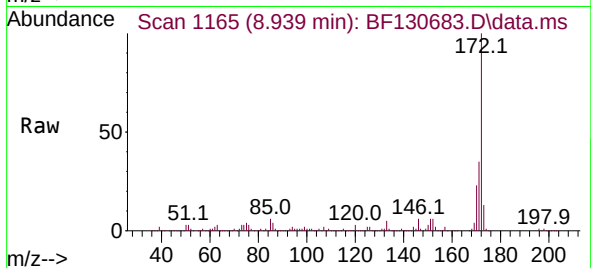
Tgt Ion:196 Resp: 163198
Ion Ratio Lower Upper
196 100
198 98.1 76.6 114.8
97 47.5 44.3 66.5
132 27.3 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 83.726 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

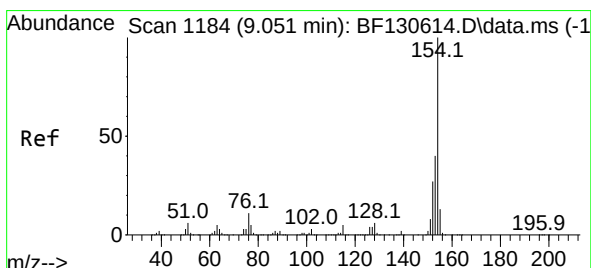
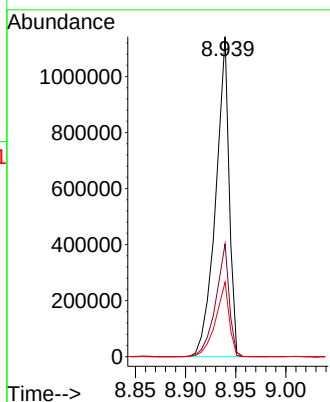
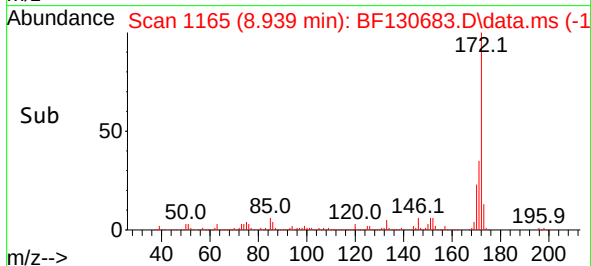
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:172 Resp: 107134
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.3 18.6 27.8

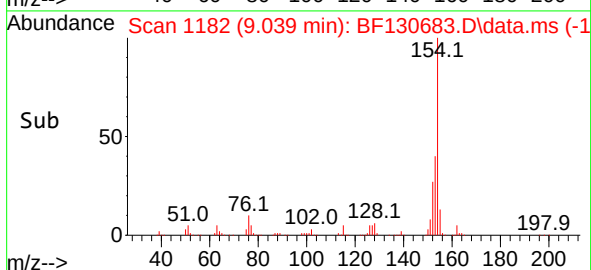
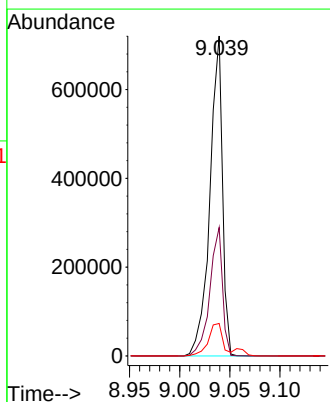
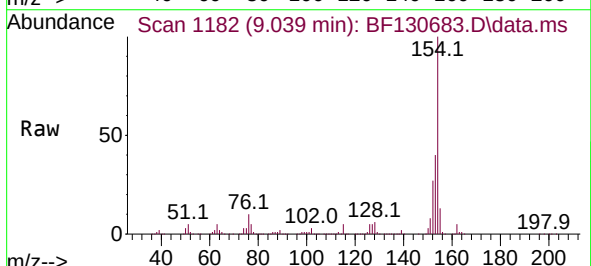
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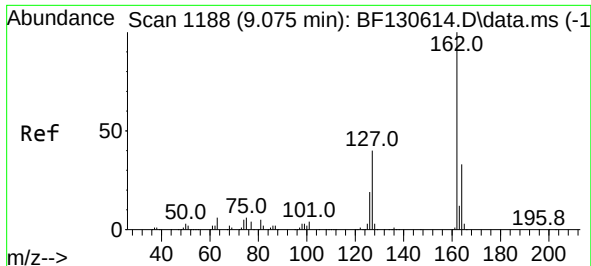
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#46
1,1'-Biphenyl
Concen: 44.658 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:154 Resp: 627293
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 10.1 0.0 30.8





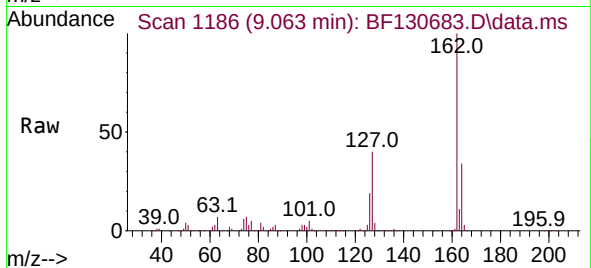
#47
2-Chloronaphthalene
Concen: 42.750 ng
RT: 9.063 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

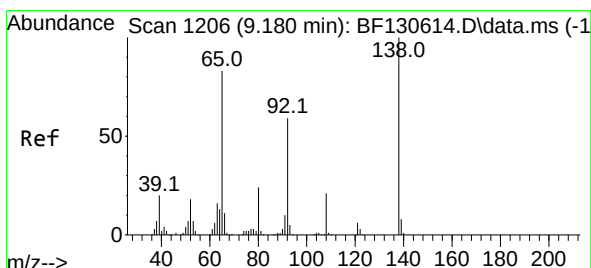
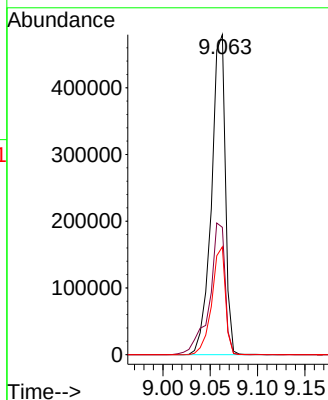
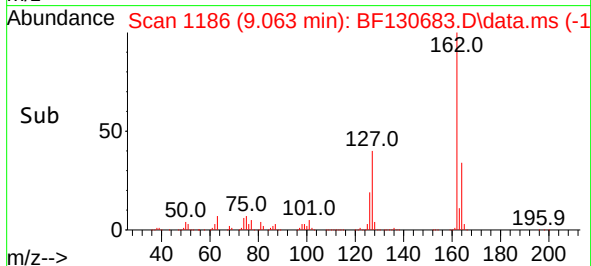


Tgt Ion:162 Resp: 490784
Ion Ratio Lower Upper
162 100
127 39.8 32.6 49.0
164 33.7 26.3 39.5

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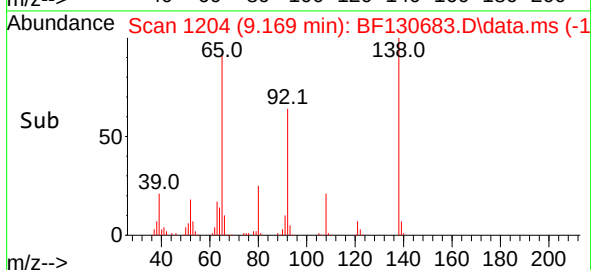
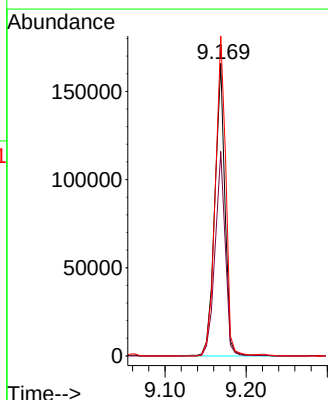
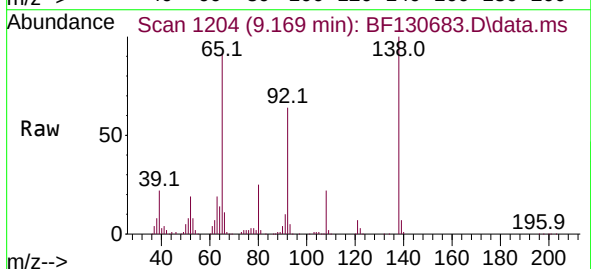
APPROVED

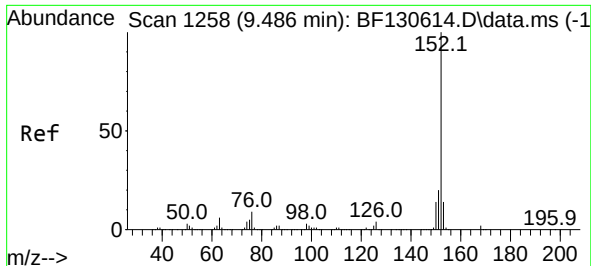
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#48
2-Nitroaniline
Concen: 41.716 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

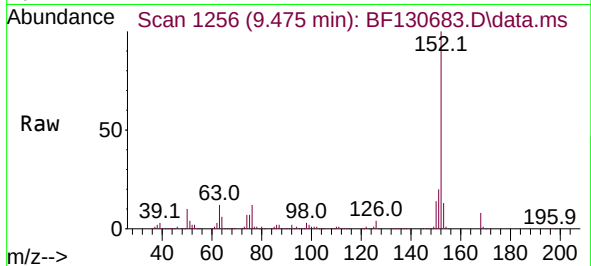
Tgt Ion: 65 Resp: 144164
Ion Ratio Lower Upper
65 100
92 69.9 57.4 86.0
138 109.5 96.7 145.1





#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

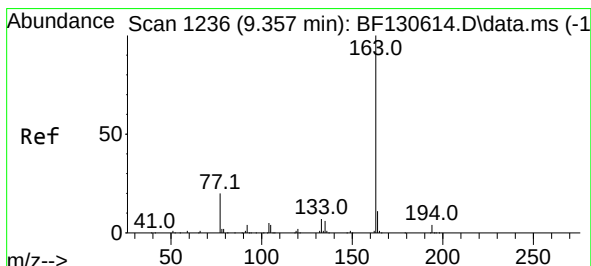
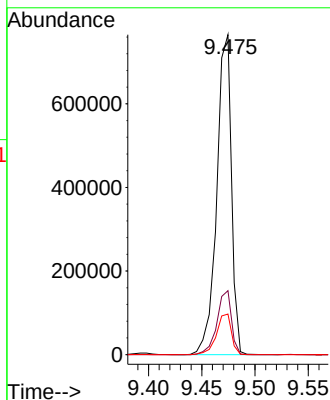
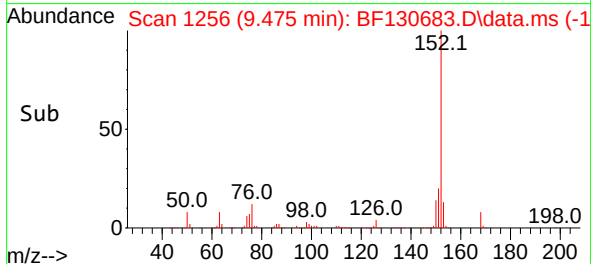
Instrument :
BNA_F
ClientSampleId :
PB148341BS



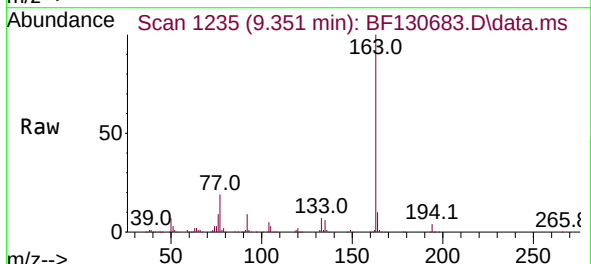
Tgt Ion:152 Resp: 737866
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.7 10.8 16.2

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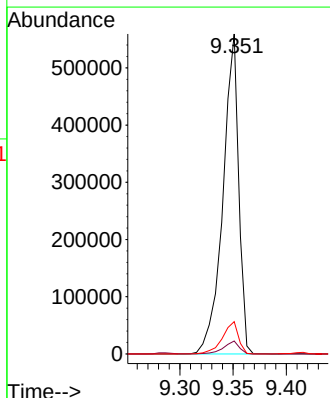
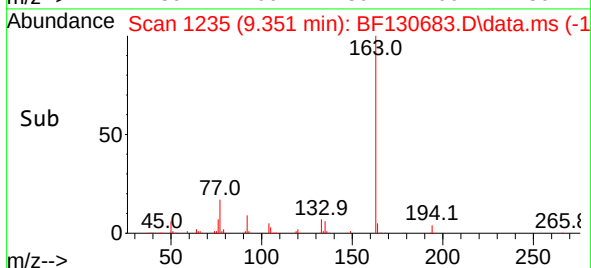
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

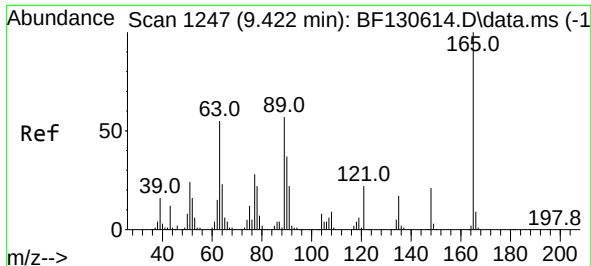


#50
Dimethylphthalate
Concen: 42.939 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:163 Resp: 576116
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 43.955 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

Tgt Ion:165 Resp: 129366

Ion Ratio Lower Upper

165 100

63 46.1 45.3 67.9

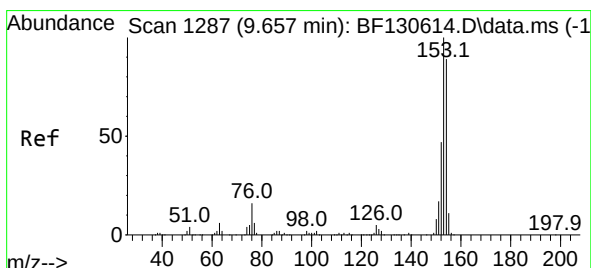
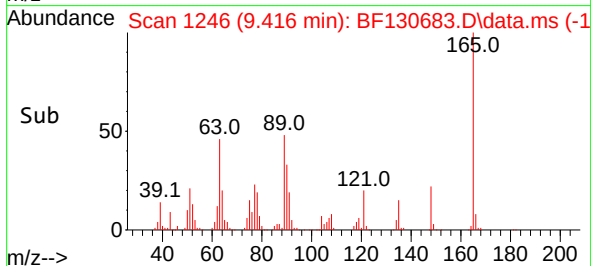
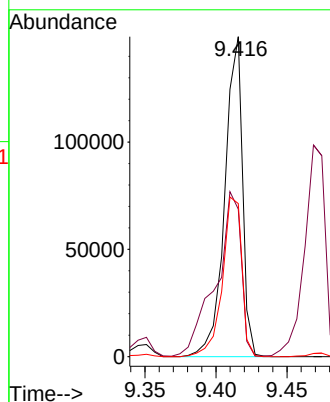
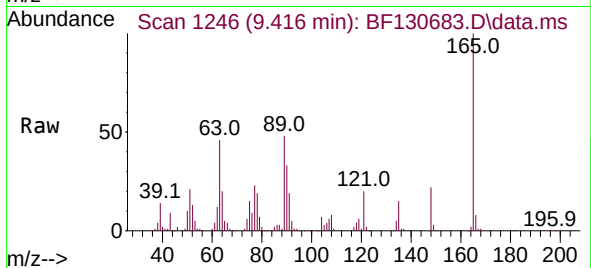
89 47.8 45.6 68.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#52

Acenaphthene

Concen: 42.361 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

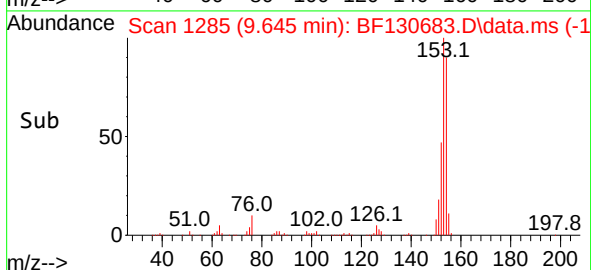
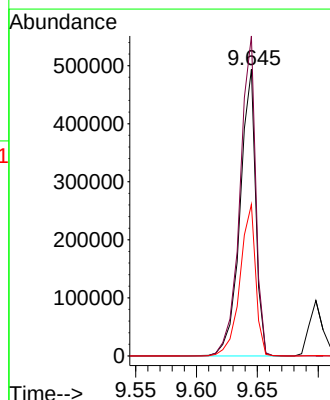
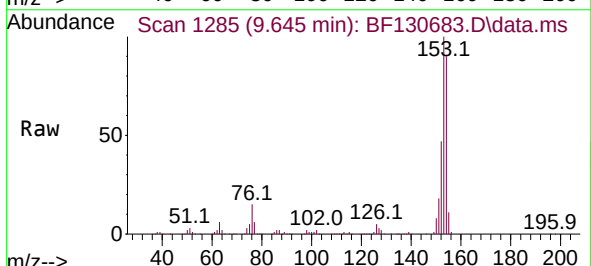
Tgt Ion:154 Resp: 441477

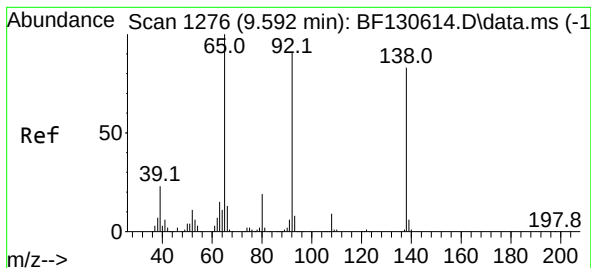
Ion Ratio Lower Upper

154 100

153 111.7 89.6 134.4

152 52.9 42.4 63.6





#53
3-Nitroaniline
Concen: 33.961 ng
RT: 9.580 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

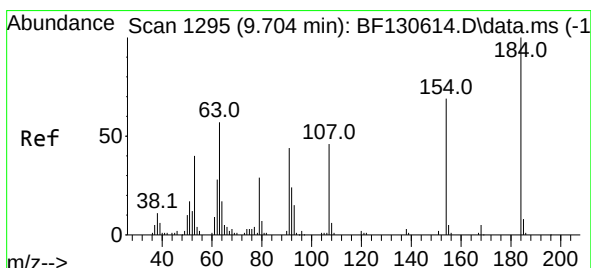
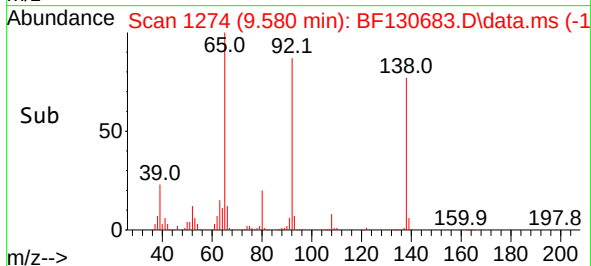
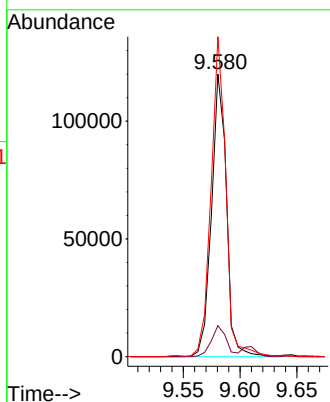
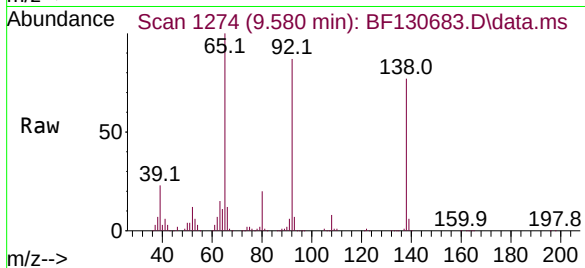
PB148341BS

Tgt Ion:138 Resp: 109564
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 113.2 88.2 132.4

Manual Integrations

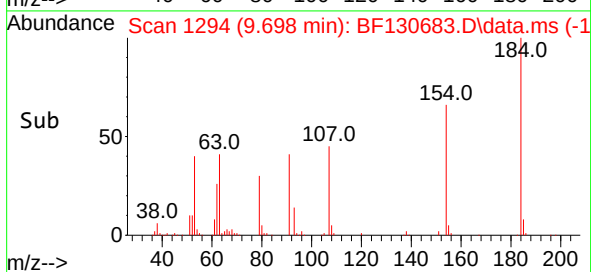
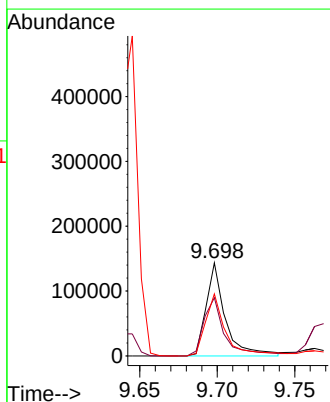
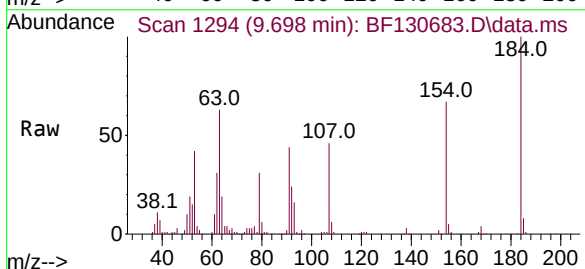
APPROVED

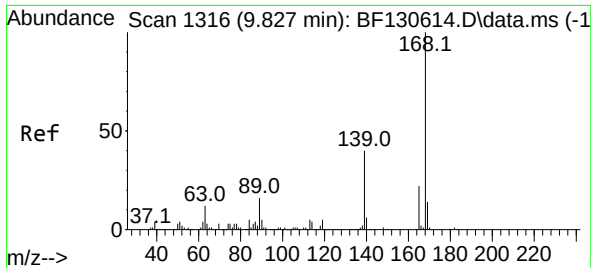
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#54
2,4-Dinitrophenol
Concen: 82.099 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:184 Resp: 123334
Ion Ratio Lower Upper
184 100
63 62.6 45.5 68.3
154 66.6 55.1 82.7





#55
Dibenzenofuran
Concen: 42.502 ng
RT: 9.816 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

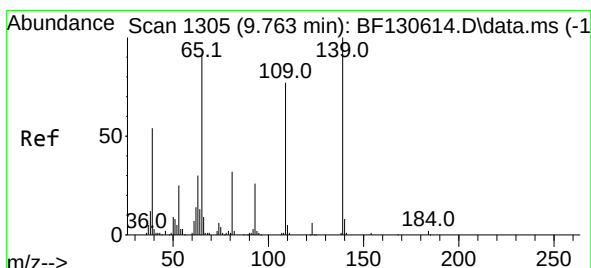
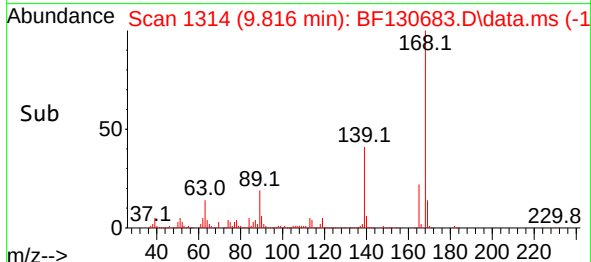
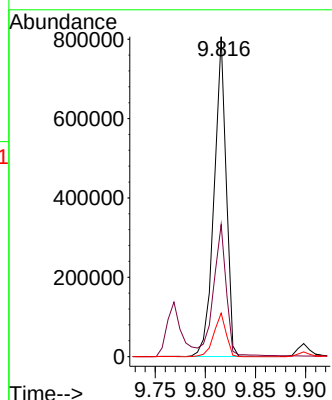
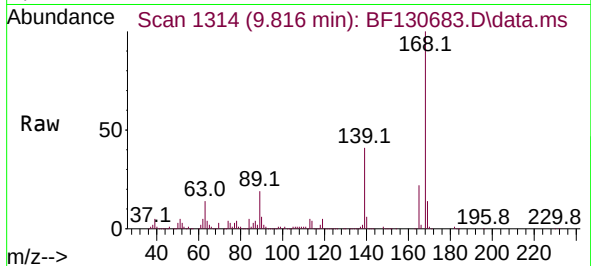
ClientSampleId :

PB148341BS

Tgt Ion:168 Resp: 674784
Ion Ratio Lower Upper
168 100
139 41.3 33.0 49.4
169 13.6 10.9 16.3

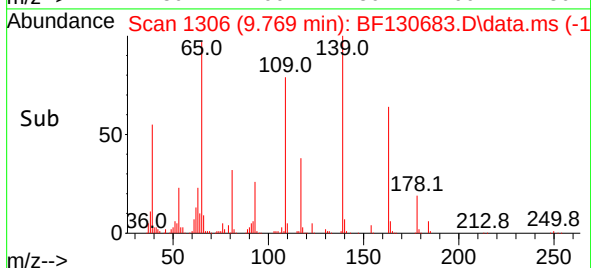
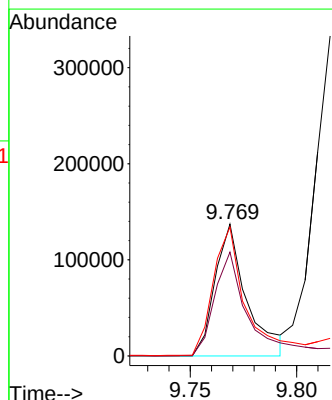
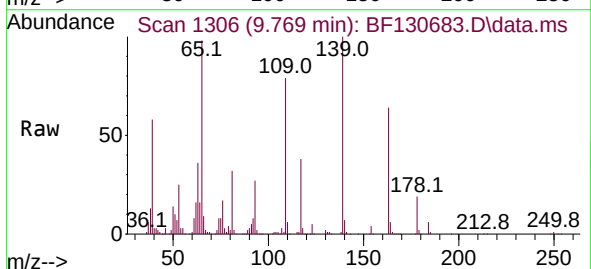
Manual Integrations
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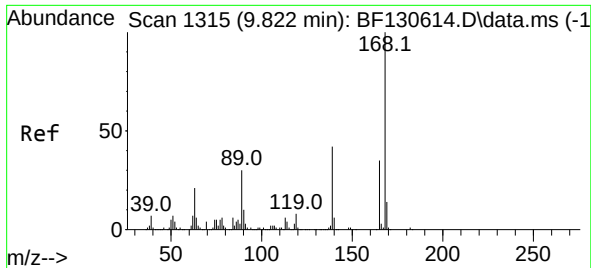
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#56
4-Nitrophenol
Concen: 79.897 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:139 Resp: 142121
Ion Ratio Lower Upper
139 100
109 78.8 57.4 97.4
65 97.9 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 45.339 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

Tgt Ion:165 Resp: 171496

Ion Ratio Lower Upper

165 100

63 41.1 50.6 76.0

89 62.9 68.6 102.8

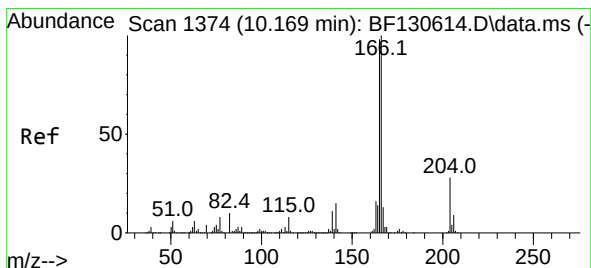
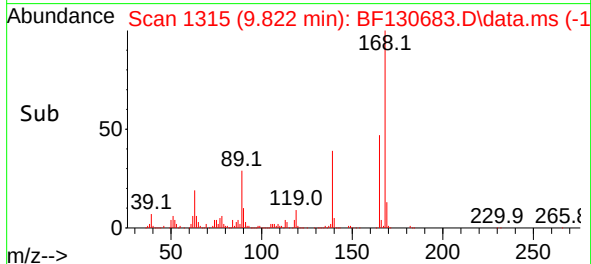
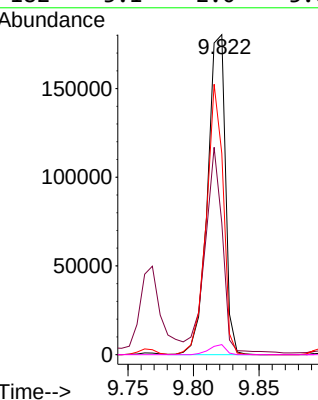
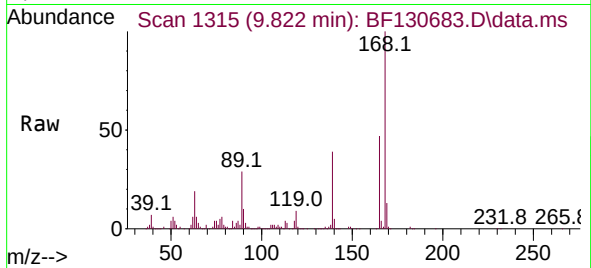
182 3.1 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#58

Fluorene

Concen: 42.844 ng

RT: 10.157 min Scan# 1372

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

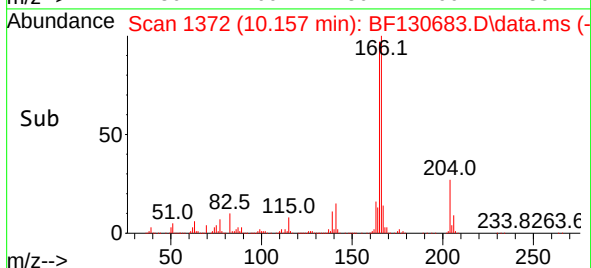
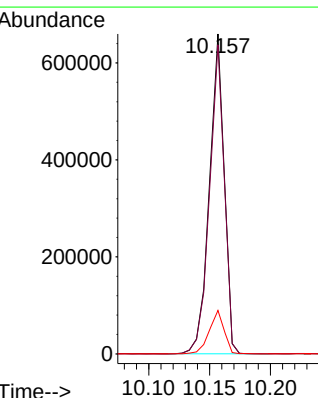
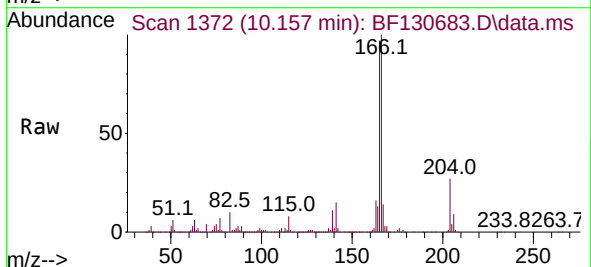
Tgt Ion:166 Resp: 559217

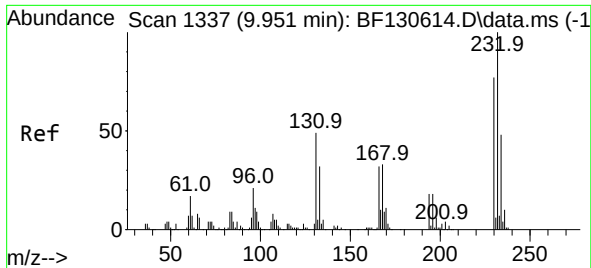
Ion Ratio Lower Upper

166 100

165 96.6 78.2 117.4

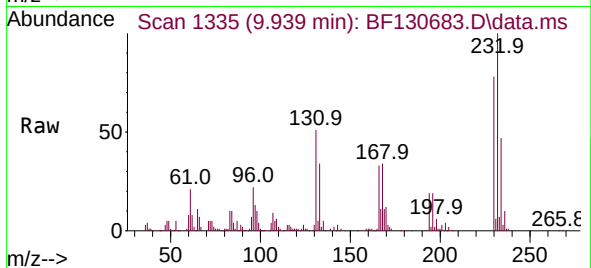
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.022 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

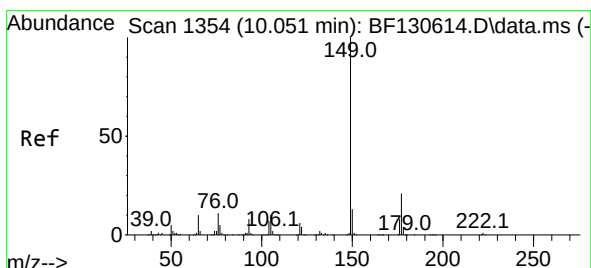
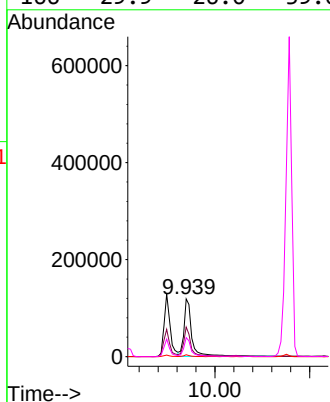
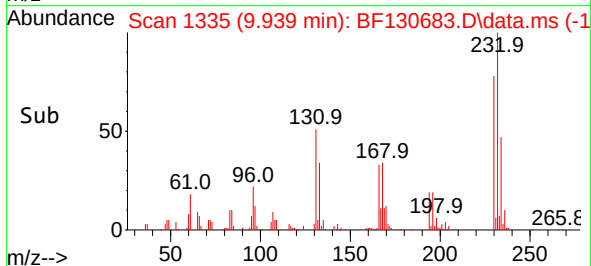
Instrument :
BNA_F
ClientSampleId :
PB148341BS



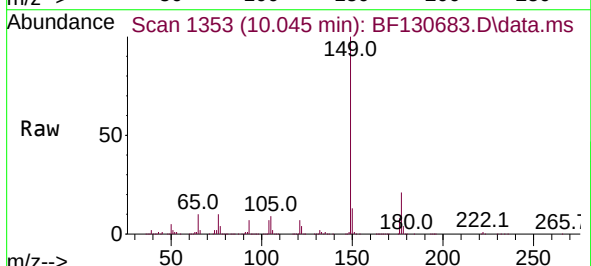
Tgt Ion:232 Resp: 136279
Ion Ratio Lower Upper
232 100
131 47.6 41.4 62.0
130 2.6 2.1 3.1
166 29.9 26.0 39.0

Manual Integrations
APPROVED

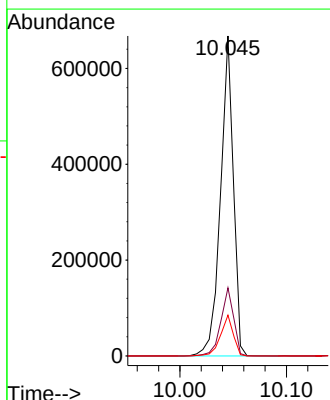
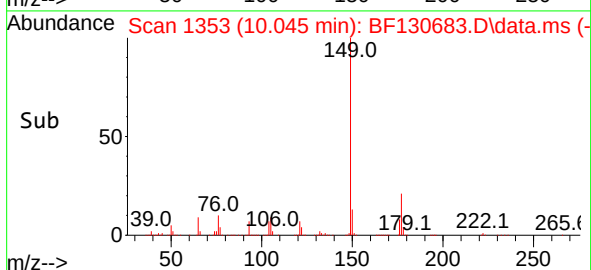
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

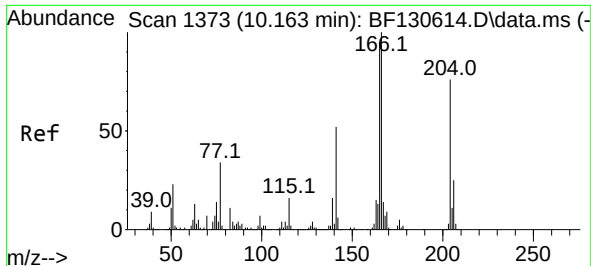


#60
Diethylphthalate
Concen: 41.887 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



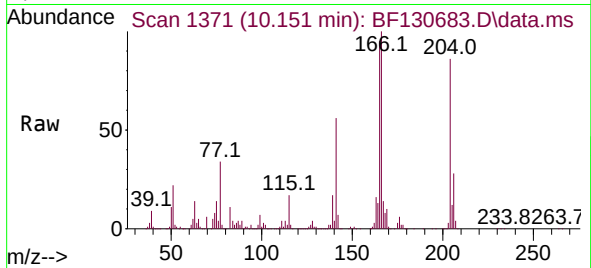
Tgt Ion:149 Resp: 560734
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 44.247 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

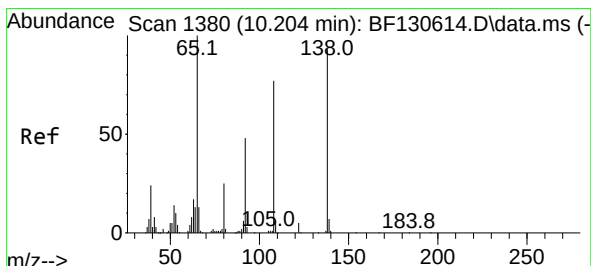
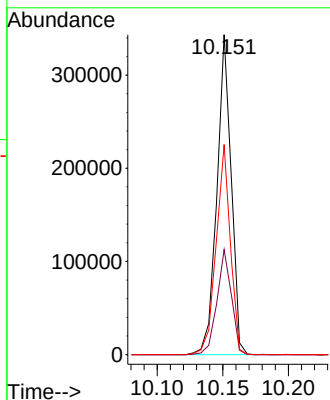
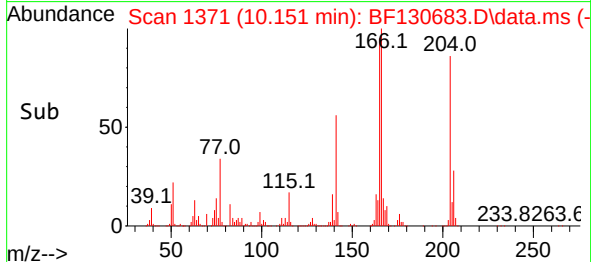
Instrument :
BNA_F
ClientSampleId :
PB148341BS



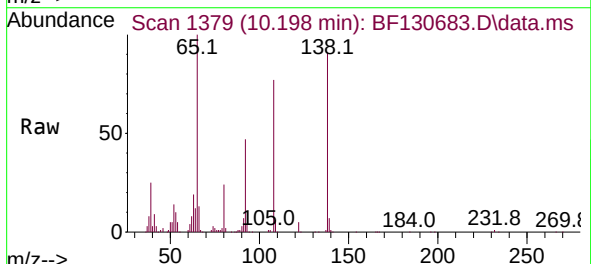
Tgt Ion:204 Resp: 261105
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 65.6 54.6 81.8

Manual Integrations
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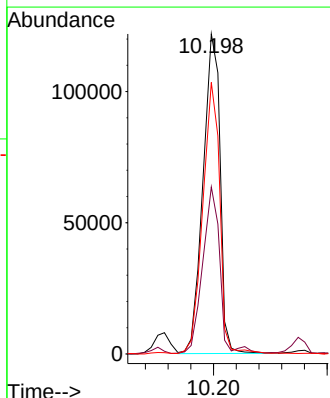
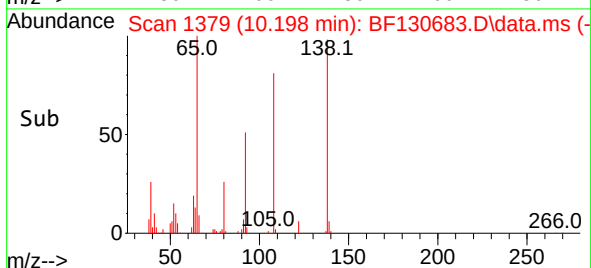
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

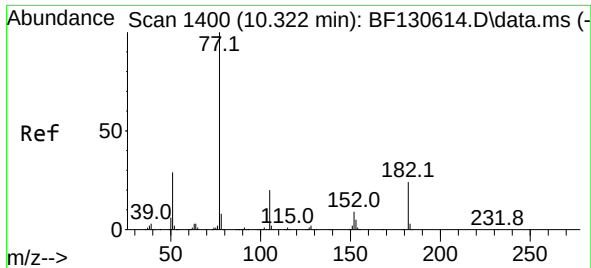


#62
4-Nitroaniline
Concen: 41.378 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:138 Resp: 127451
Ion Ratio Lower Upper
138 100
92 52.2 31.1 71.1
108 84.9 62.1 102.1





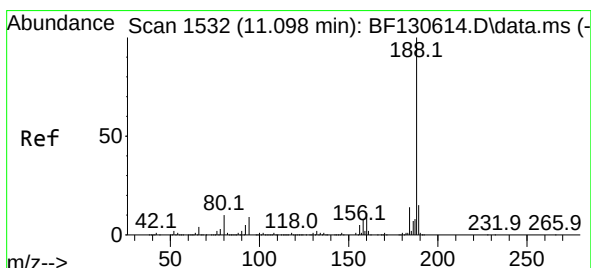
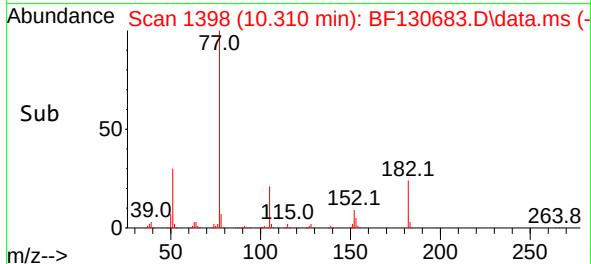
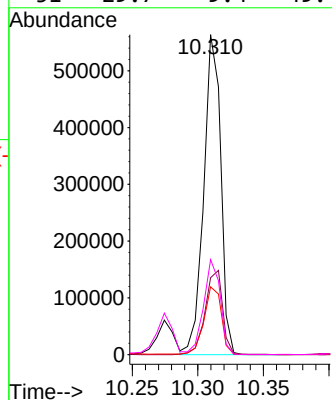
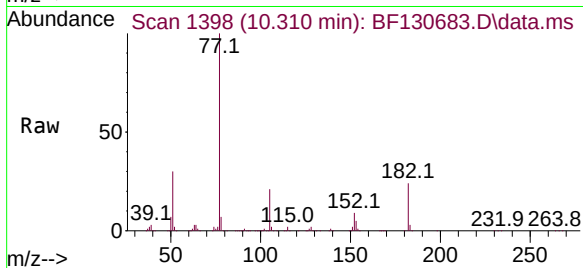
#63
Azobenzene
Concen: 40.223 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion: 77 Resp: 507150
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 21.2 0.3 40.3
51 29.7 9.4 49.4

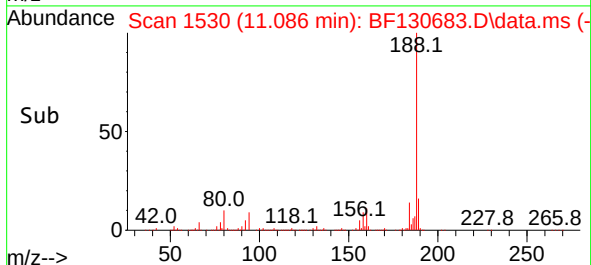
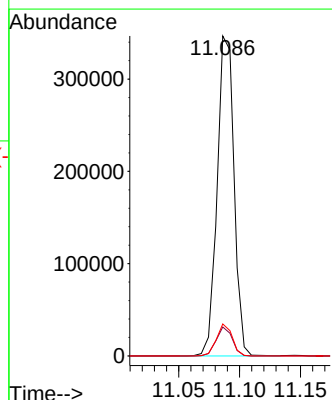
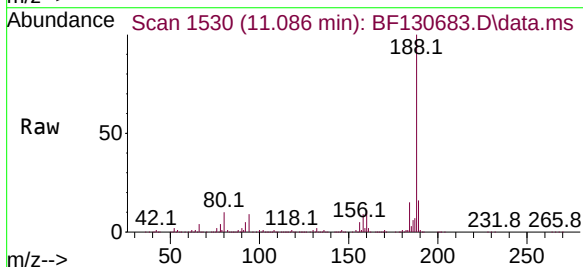
Manual Integrations
APPROVED

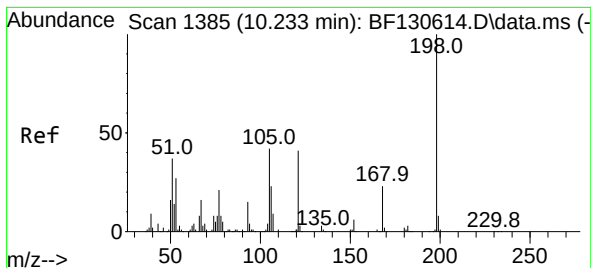
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:188 Resp: 334952
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.0 12.0





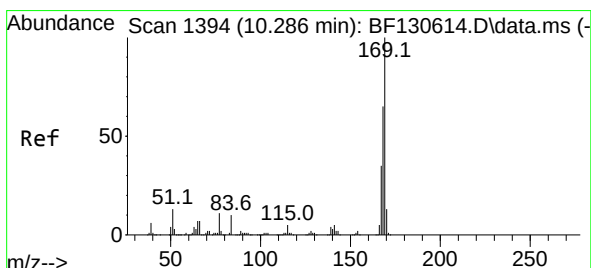
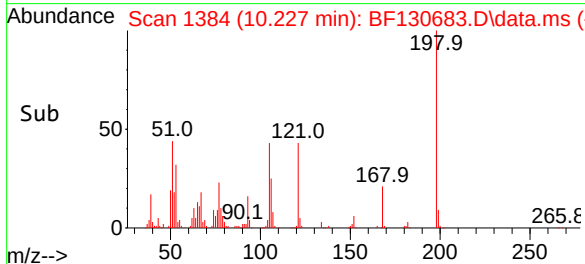
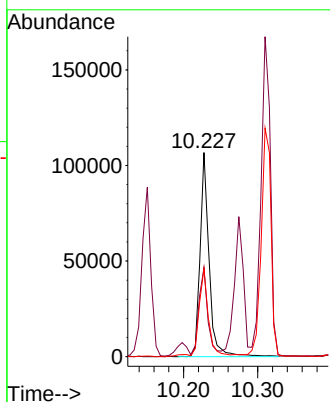
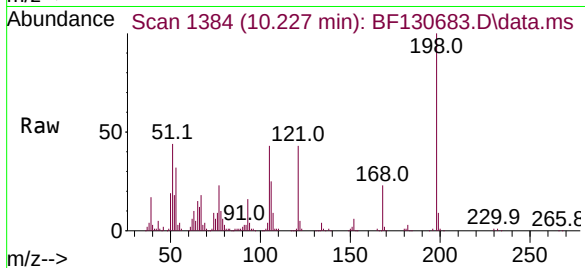
#65
4,6-Dinitro-2-methylphenol
Concen: 43.250 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion:198 Resp: 90531
Ion Ratio Lower Upper
198 100
51 43.6 18.7 58.7
105 43.0 22.0 62.0

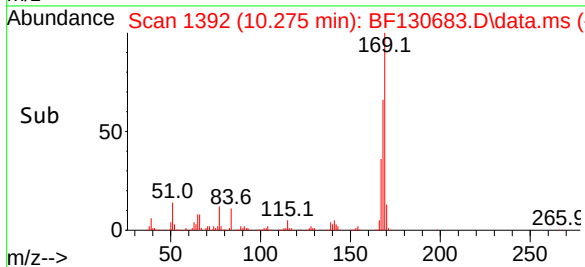
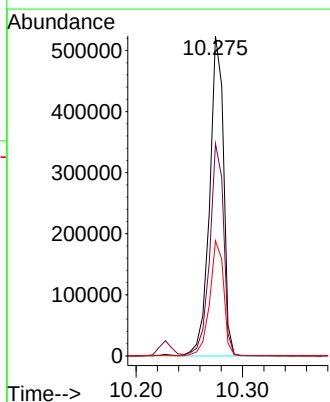
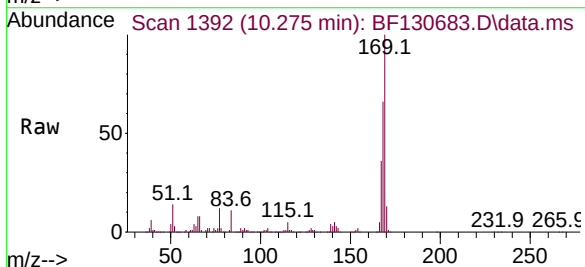
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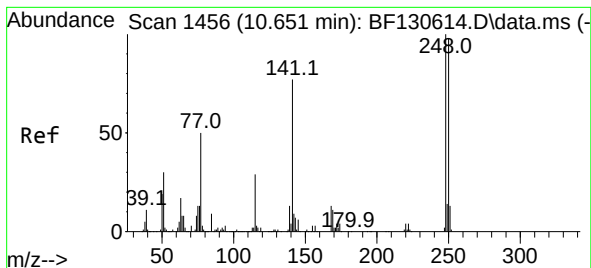
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 42.718 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

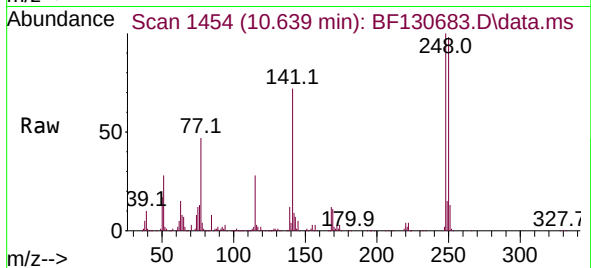
Tgt Ion:169 Resp: 475956
Ion Ratio Lower Upper
169 100
168 66.4 52.2 78.4
167 36.0 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 44.873 ng
RT: 10.639 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

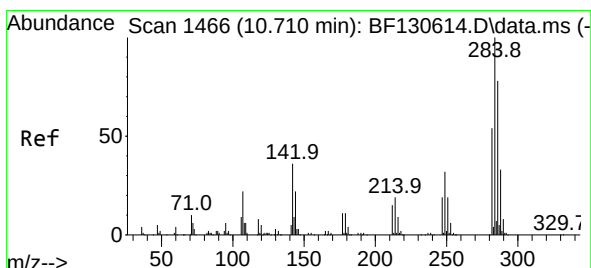
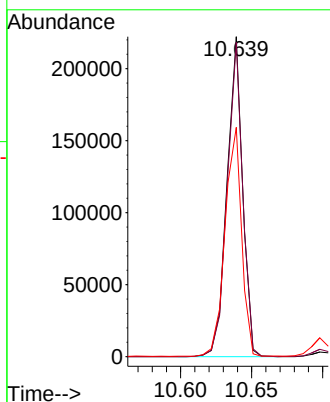
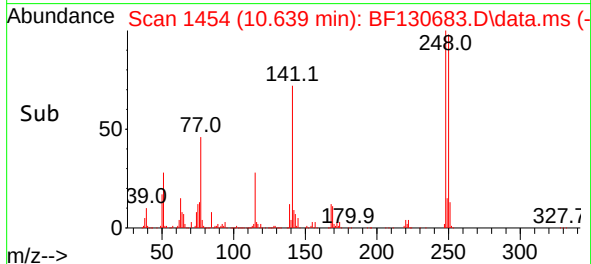
Instrument :
BNA_F
ClientSampleId :
PB148341BS



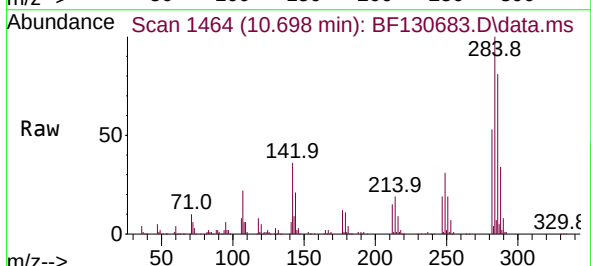
Tgt Ion:248 Resp: 170066
Ion Ratio Lower Upper
248 100
250 98.2 78.7 118.1
141 71.6 61.6 92.4

Manual Integrations
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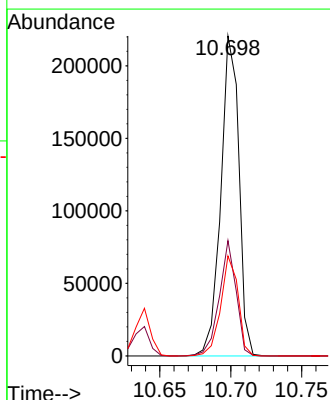
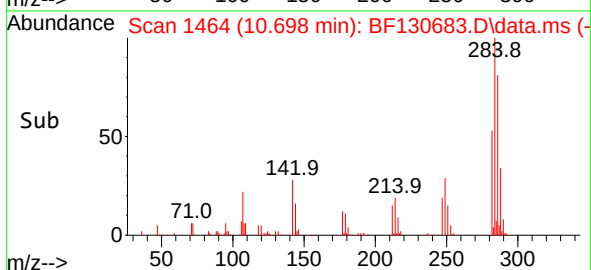
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

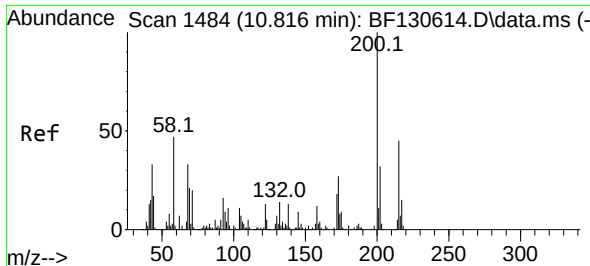


#68
Hexachlorobenzene
Concen: 45.665 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



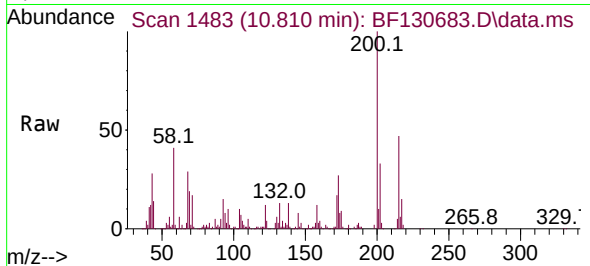
Tgt Ion:284 Resp: 195642
Ion Ratio Lower Upper
284 100
142 36.0 28.6 42.8
249 31.2 25.2 37.8





#69
 Atrazine
 Concen: 49.485 ng
 RT: 10.810 min Scan# 1484
 Delta R.T. 0.006 min
 Lab File: BF130683.D
 Acq: 17 Oct 2022 13:09

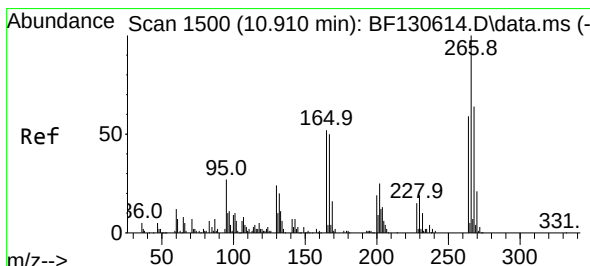
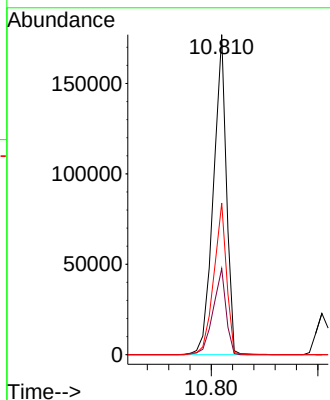
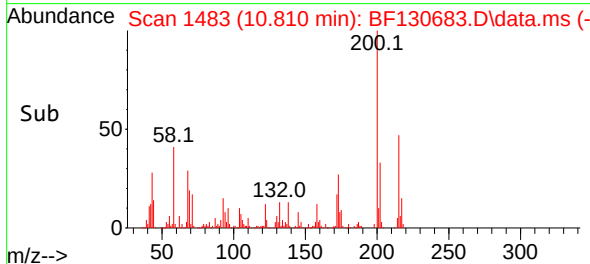
Instrument :
 BNA_F
 ClientSampleId :
 PB148341BS



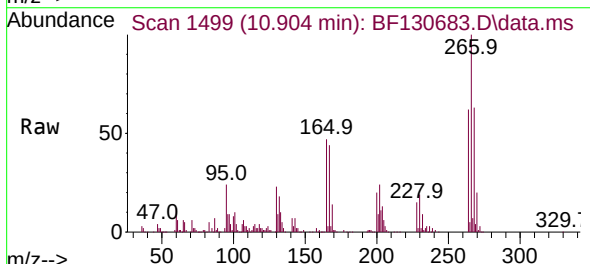
Tgt Ion:200 Resp: 150137
 Ion Ratio Lower Upper
 200 100
 173 26.9 7.1 47.1
 215 47.4 24.9 64.9

Manual Integrations
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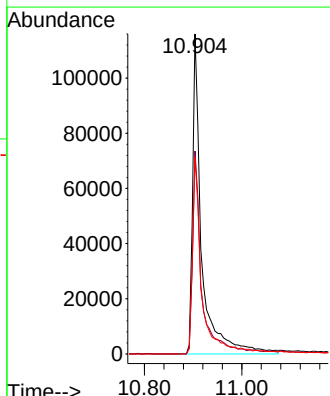
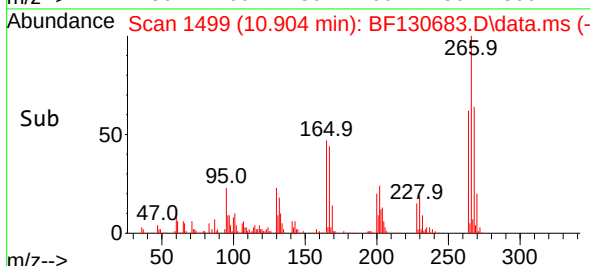
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

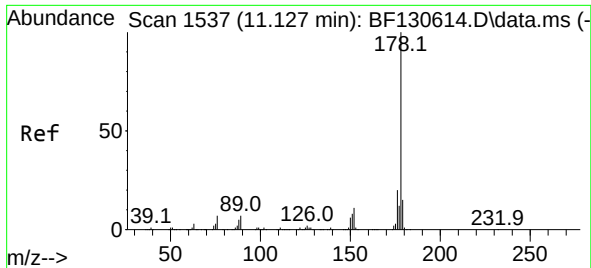


#70
 Pentachlorophenol
 Concen: 90.281 ng
 RT: 10.904 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF130683.D
 Acq: 17 Oct 2022 13:09



Tgt Ion:266 Resp: 150537
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.8 76.2
 264 61.6 47.5 71.3





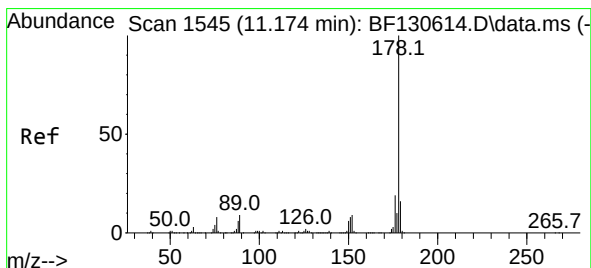
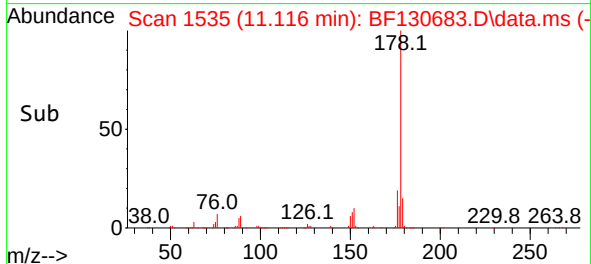
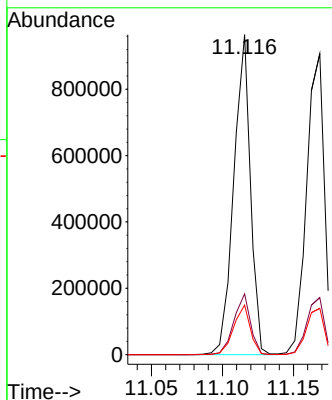
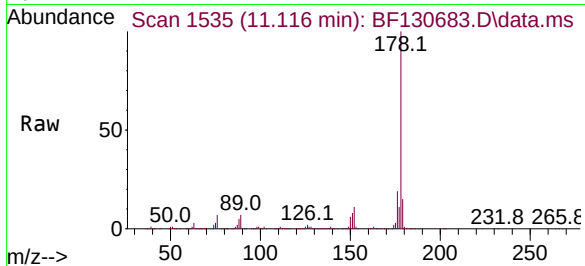
#71
Phenanthrene
Concen: 42.360 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion:178 Resp: 786100
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.2 18.4

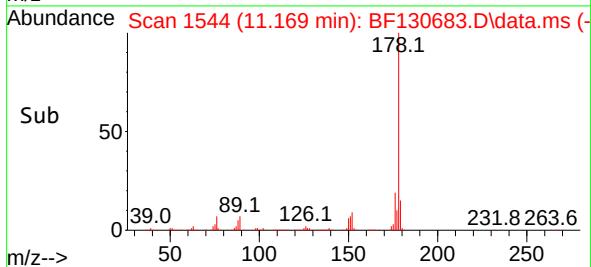
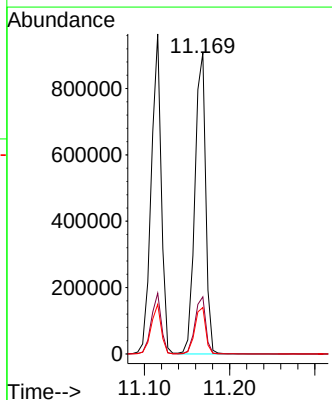
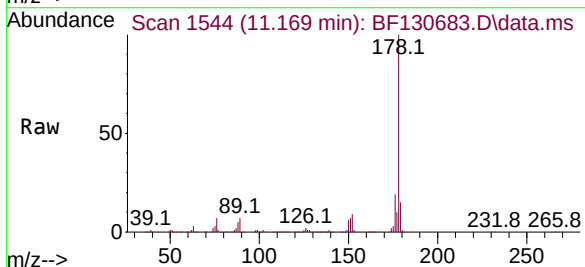
Manual Integrations
APPROVED

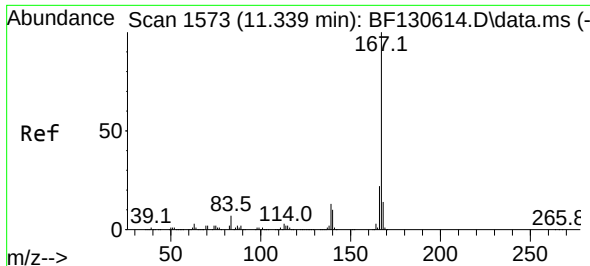
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#72
Anthracene
Concen: 44.006 ng
RT: 11.169 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

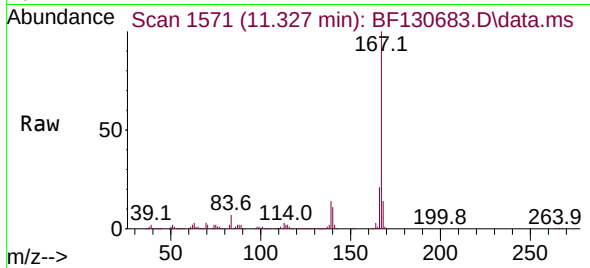
Tgt Ion:178 Resp: 797561
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.5 18.7





#73
Carbazole
Concen: 45.087 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

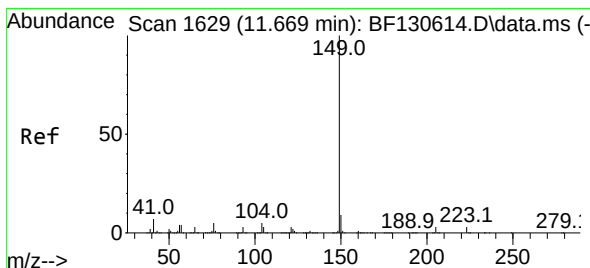
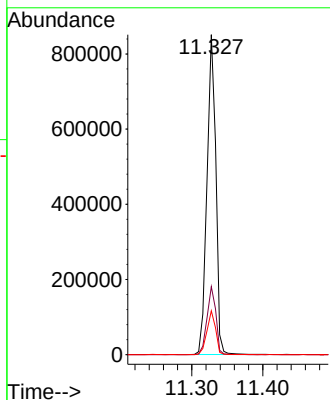
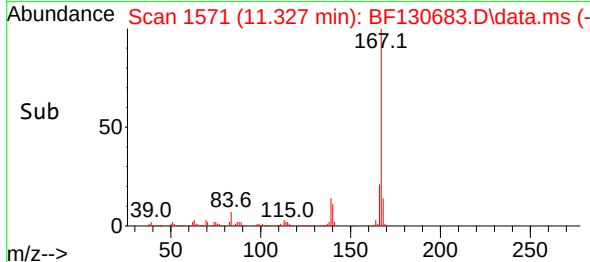
Instrument :
BNA_F
ClientSampleId :
PB148341BS



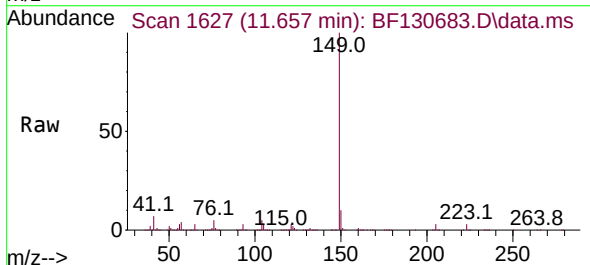
Tgt Ion:167 Resp: 729162
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 13.7 10.7 16.1

Manual Integrations
APPROVED

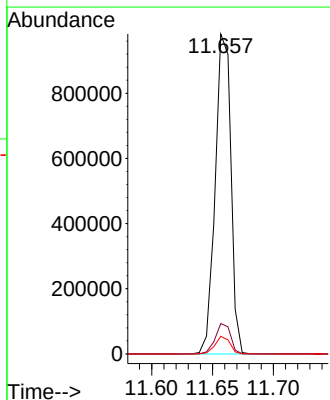
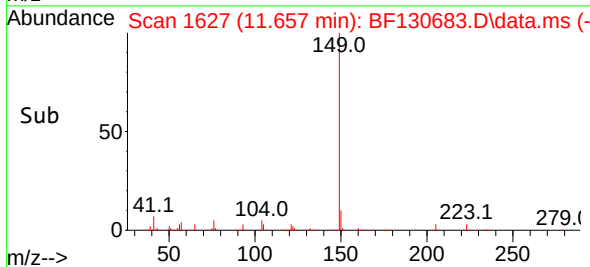
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

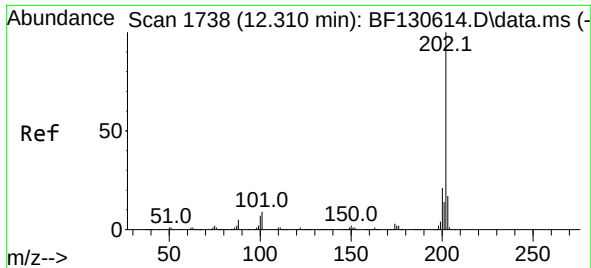


#74
Di-n-butylphthalate
Concen: 45.055 ng
RT: 11.657 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:149 Resp: 882627
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.5 4.2 6.2





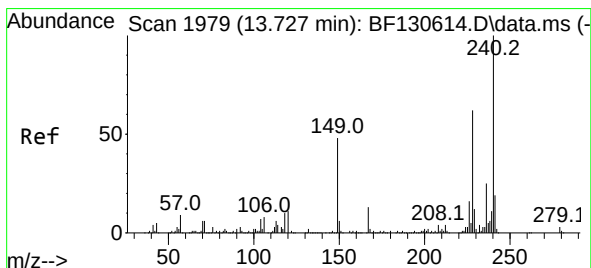
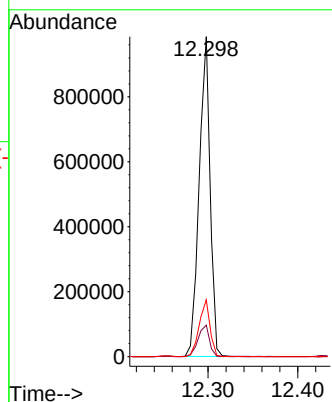
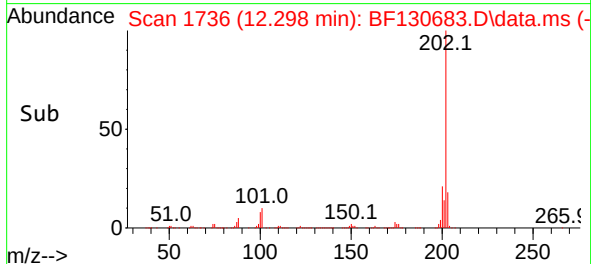
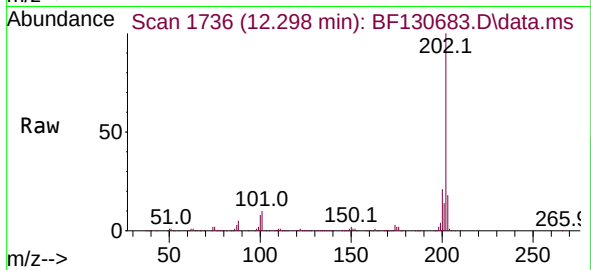
#75
Fluoranthene
Concen: 46.758 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :
BNA_F
ClientSampleId :
PB148341BS

Tgt Ion:202 Resp: 833962
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.1
203 17.7 0.0 37.3

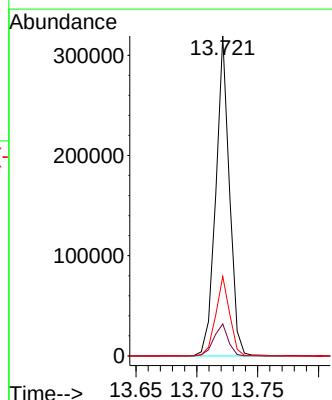
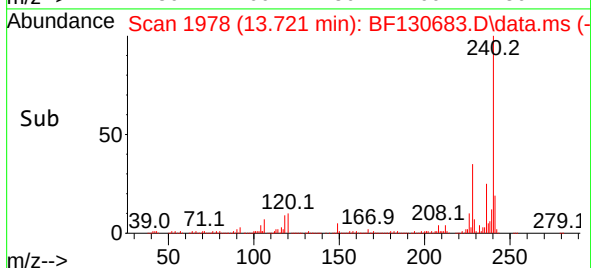
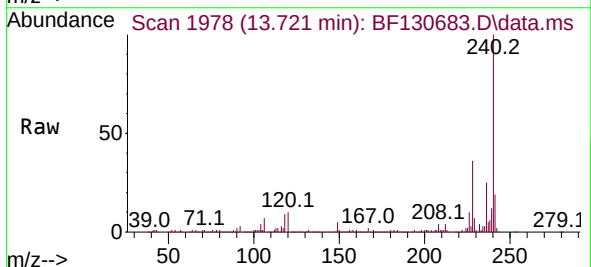
Manual Integrations
APPROVED

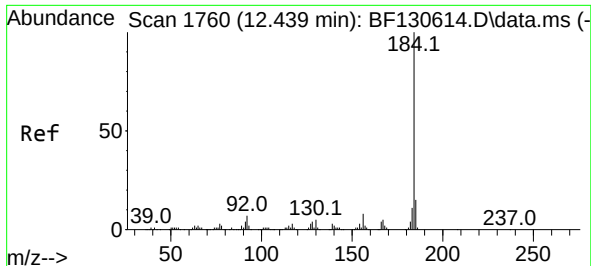
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

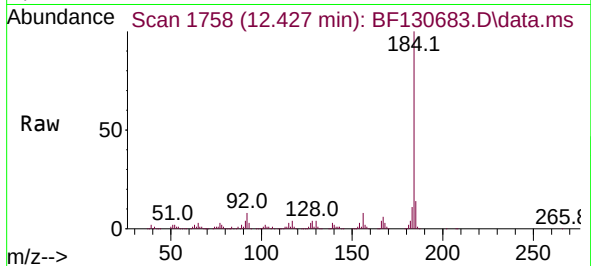
Tgt Ion:240 Resp: 248870
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 24.8 20.2 30.4





#77
Benzidine
Concen: 59.008 ng
RT: 12.427 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

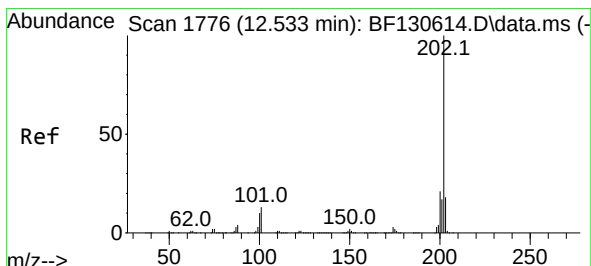
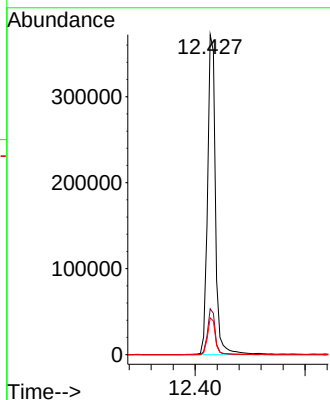
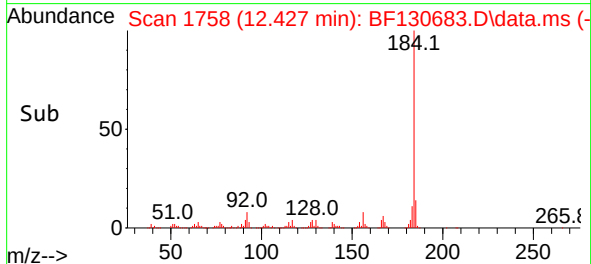
Instrument :
BNA_F
ClientSampleId :
PB148341BS



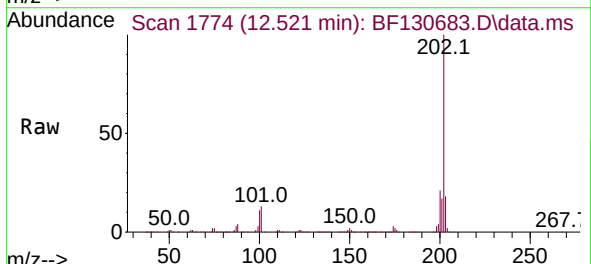
Tgt Ion:184 Resp: 371191
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.5 9.0 13.4

Manual Integrations
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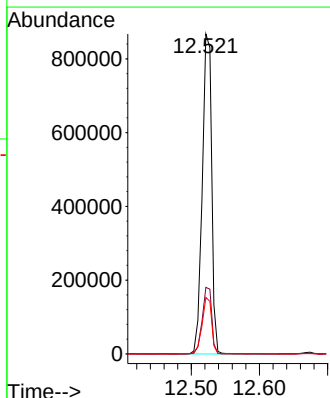
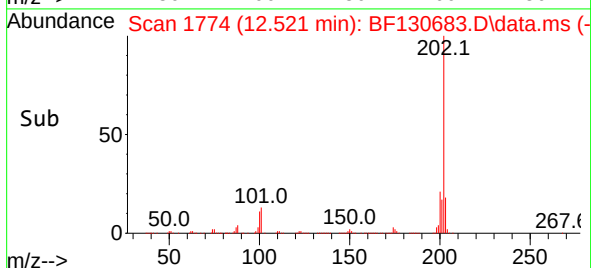
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

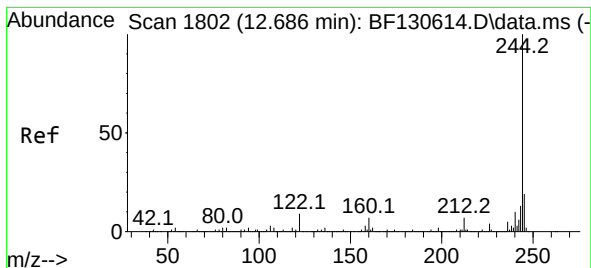


#78
Pyrene
Concen: 38.793 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



Tgt Ion:202 Resp: 832883
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 83.078 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

Tgt Ion:244 Resp: 124572

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

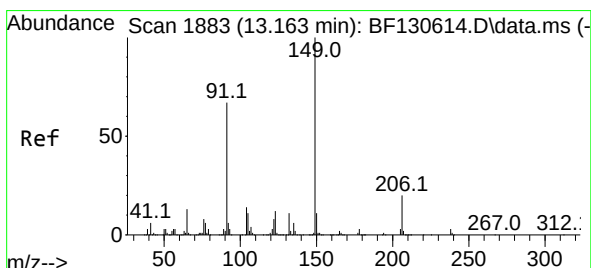
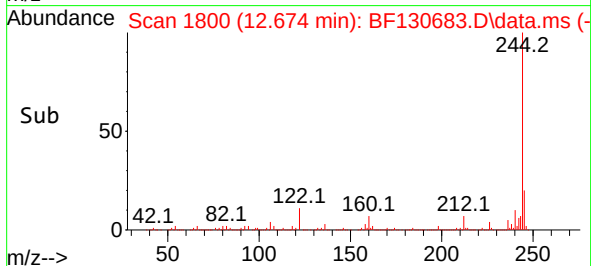
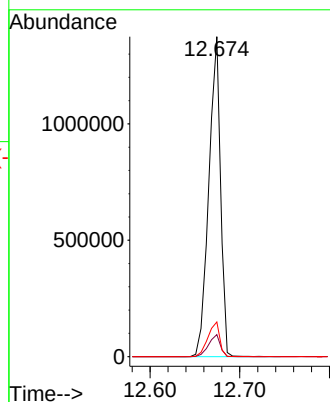
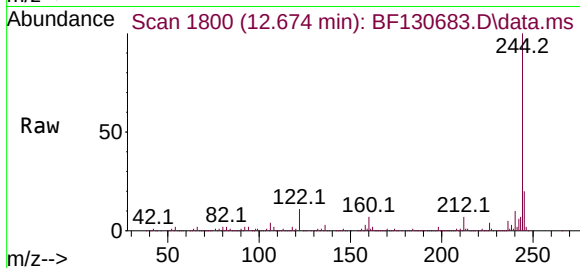
122 10.8 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#80

Butylbenzylphthalate

Concen: 43.846 ng

RT: 13.151 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

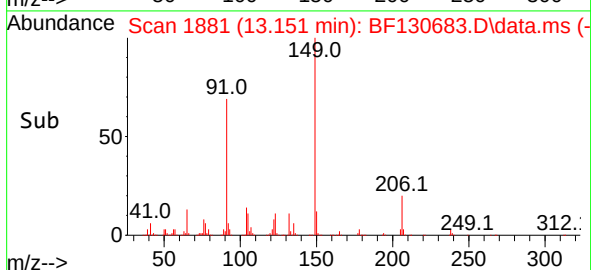
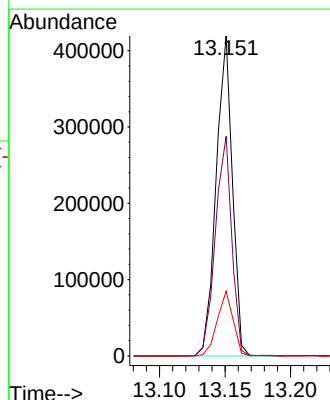
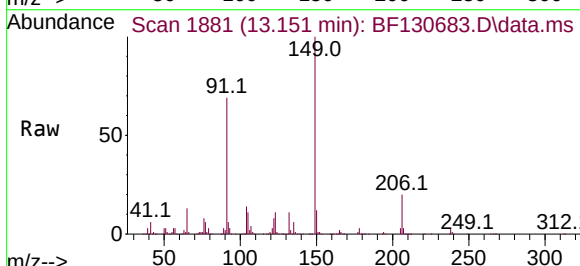
Tgt Ion:149 Resp: 361987

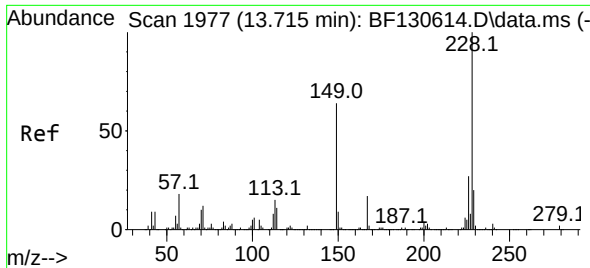
Ion Ratio Lower Upper

149 100

91 68.6 53.8 80.8

206 20.2 15.8 23.6





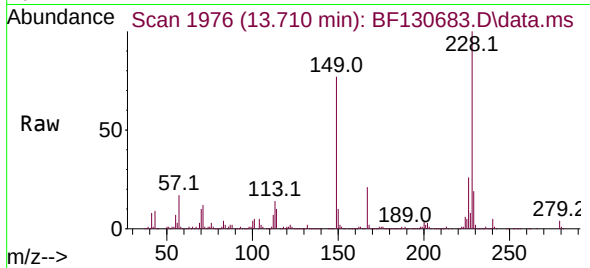
#81
Benzo(a)anthracene
Concen: 42.294 ng
RT: 13.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

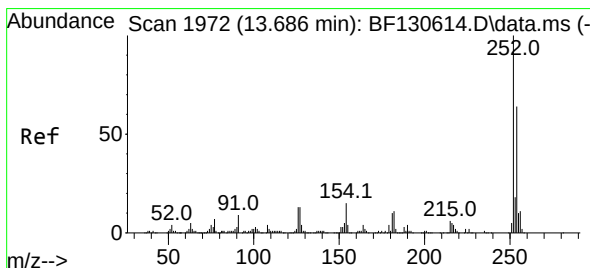
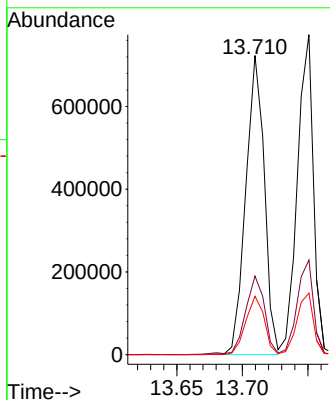
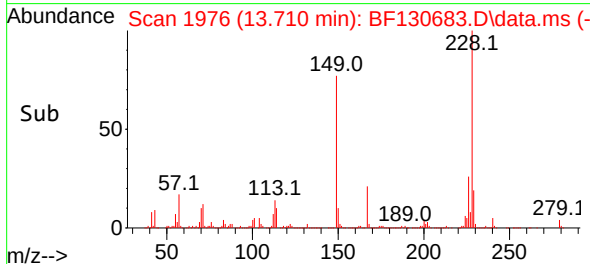


Tgt Ion:228 Resp: 709230
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.5 15.8 23.8

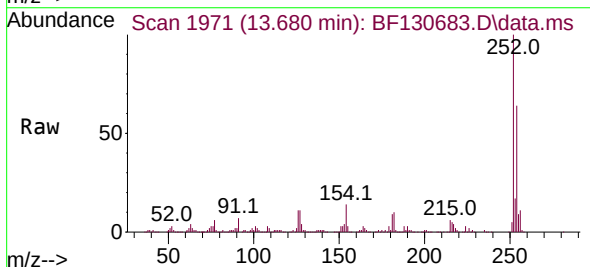
Manual Integrations

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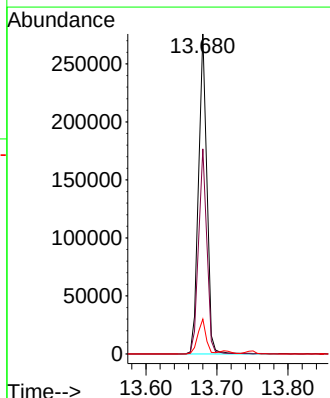
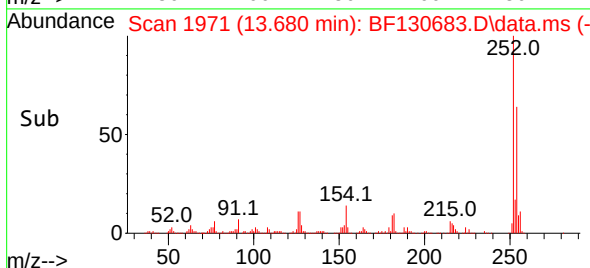
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

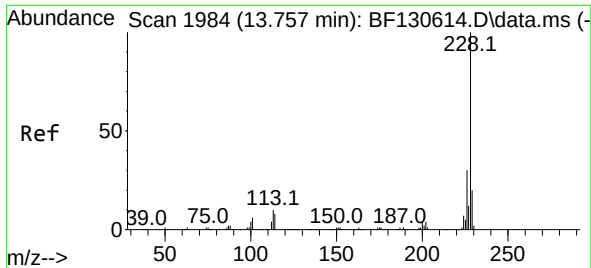


#82
3,3'-Dichlorobenzidine
Concen: 46.697 ng
RT: 13.680 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



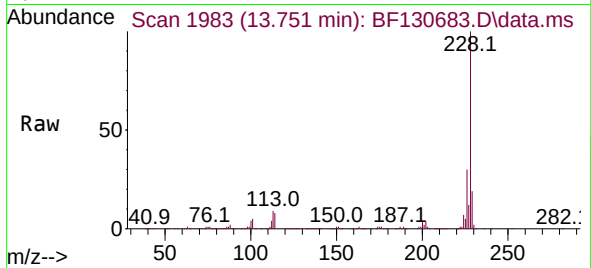
Tgt Ion:252 Resp: 226284
Ion Ratio Lower Upper
252 100
254 64.1 50.9 76.3
126 10.9 10.2 15.4





#83
Chrysene
Concen: 41.648 ng
RT: 13.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

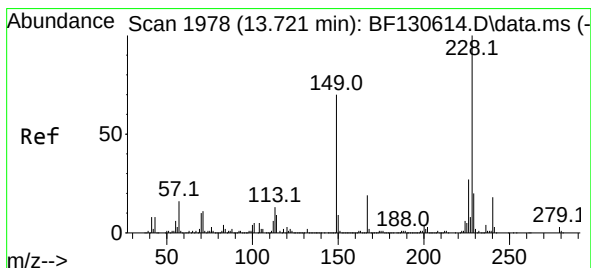
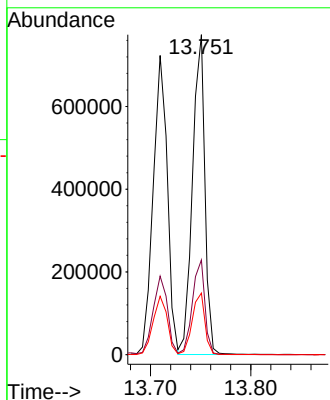
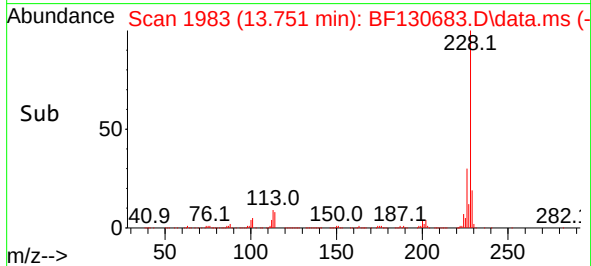
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:228 Resp: 662176
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.2 15.9 23.9

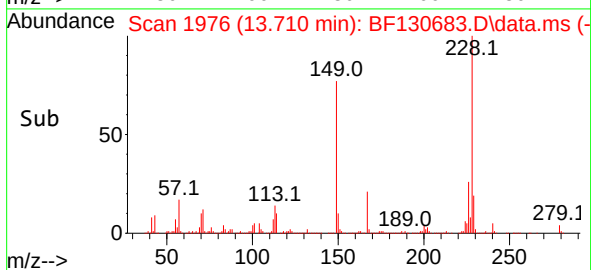
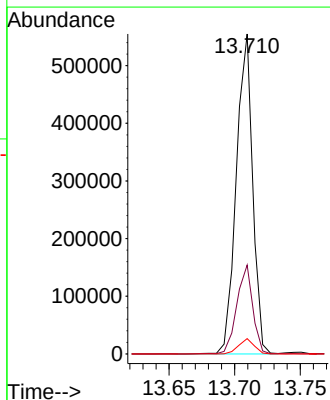
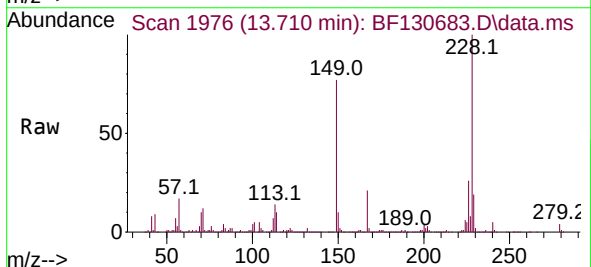
Manual Integrations
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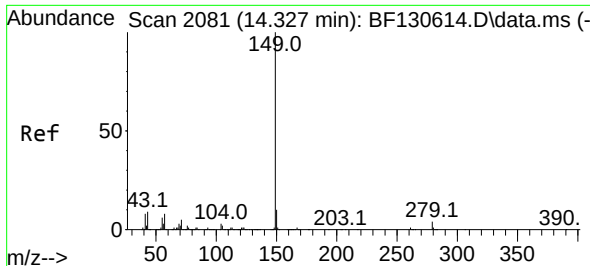
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.994 ng
RT: 13.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

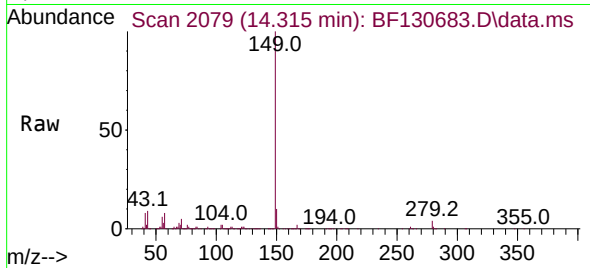
Tgt Ion:149 Resp: 480359
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 46.979 ng
RT: 14.315 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

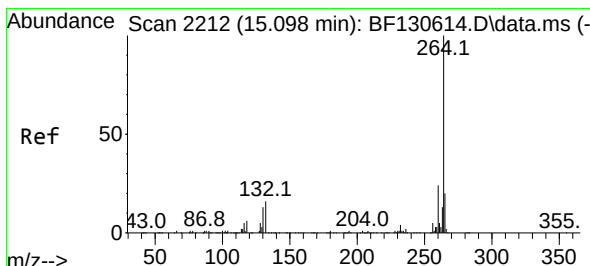
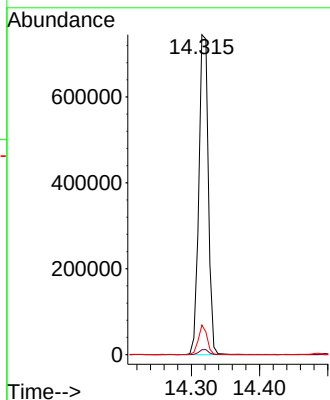
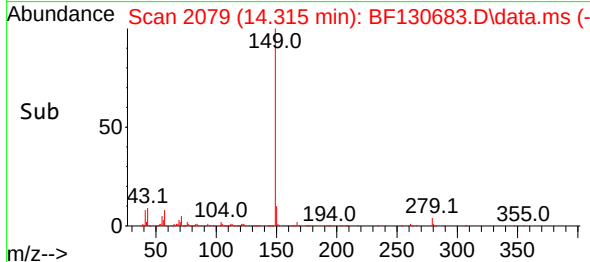
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion:149 Resp: 720119
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.2 10.8

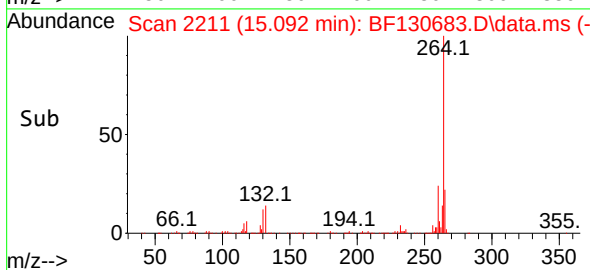
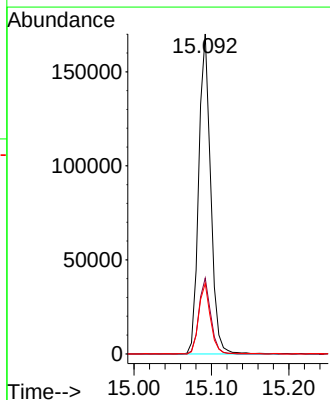
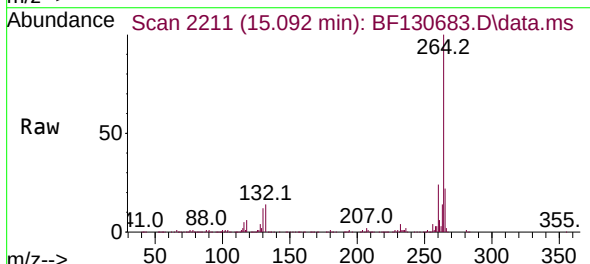
Manual Integrations
APPROVED

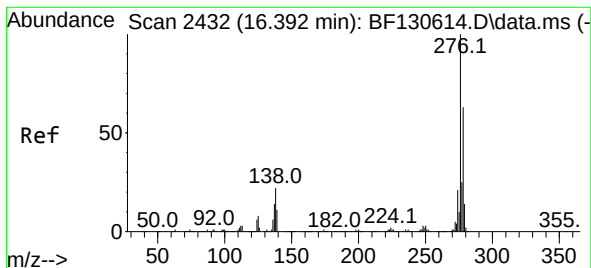
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion:264 Resp: 181383
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.0 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.836 ng

RT: 16.386 min Scan# 2432

Delta R.T. 0.006 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

Instrument :

BNA_F

ClientSampleId :

PB148341BS

Tgt Ion:276 Resp: 540803

Ion Ratio Lower Upper

276 100

138 21.0 18.0 27.0

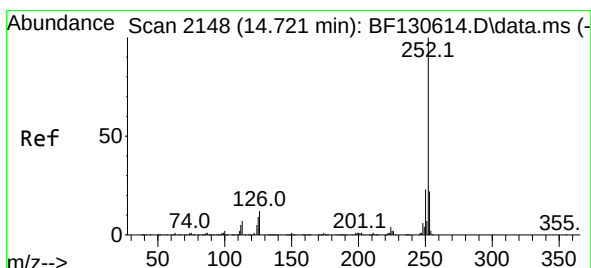
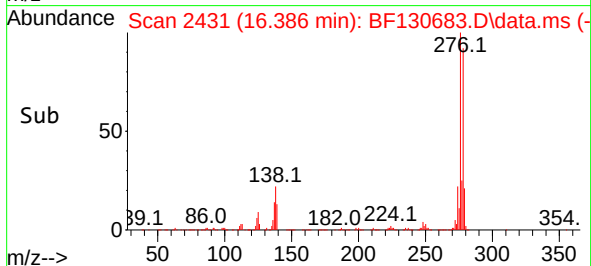
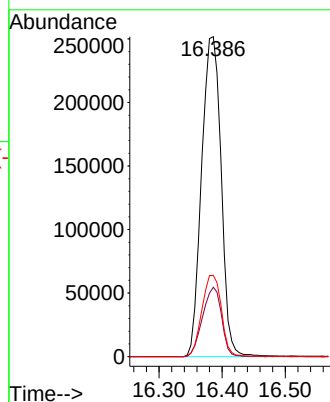
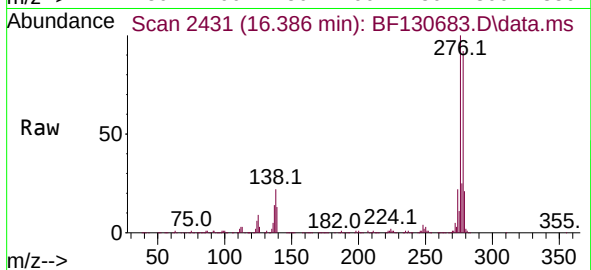
277 25.4 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#88

Benzo(b)fluoranthene

Concen: 50.203 ng

RT: 14.715 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF130683.D

Acq: 17 Oct 2022 13:09

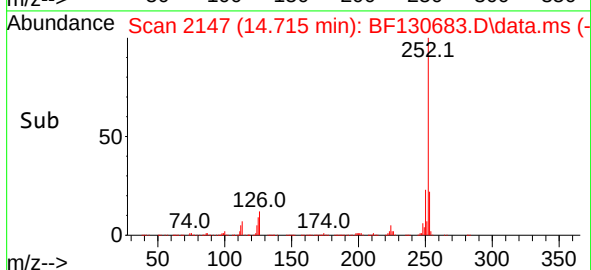
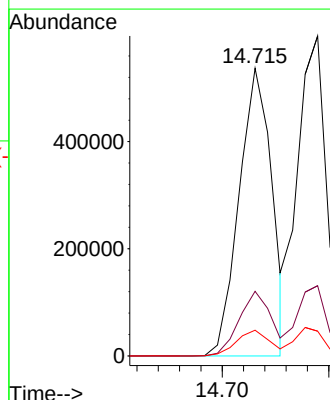
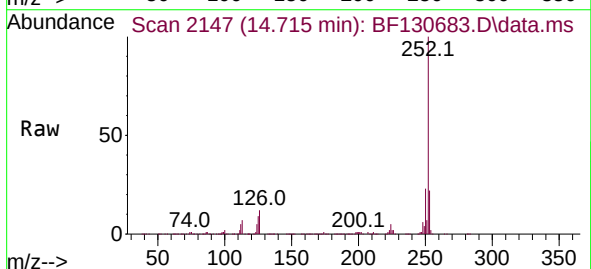
Tgt Ion:252 Resp: 576608

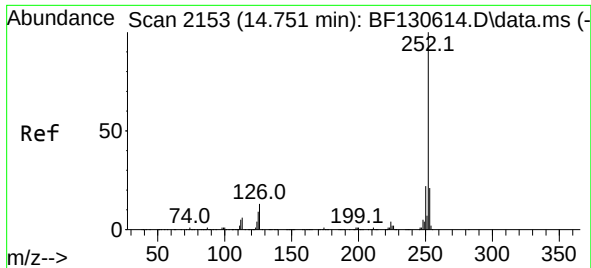
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

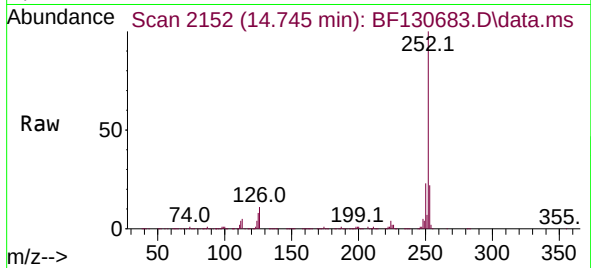
125 8.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 48.529 ng
RT: 14.745 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

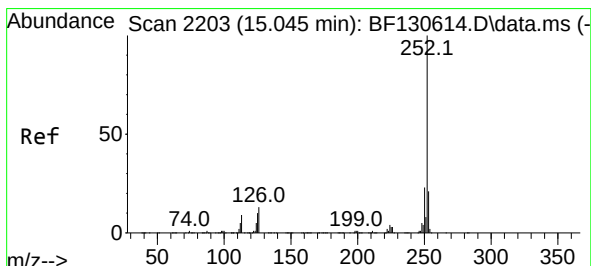
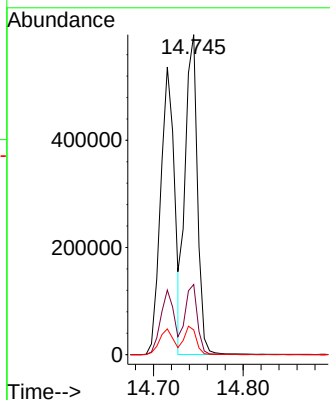
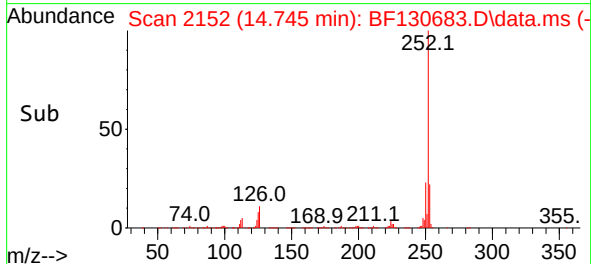
Instrument :
BNA_F
ClientSampleId :
PB148341BS



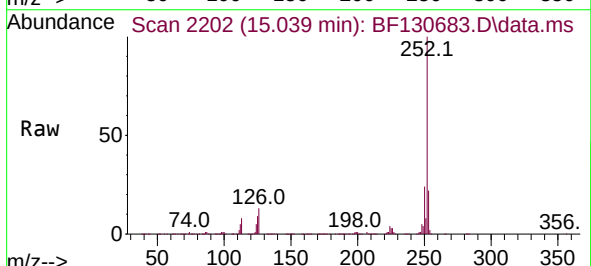
Tgt Ion:252 Resp: 567542
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 7.7 7.2 10.8

Manual Integrations
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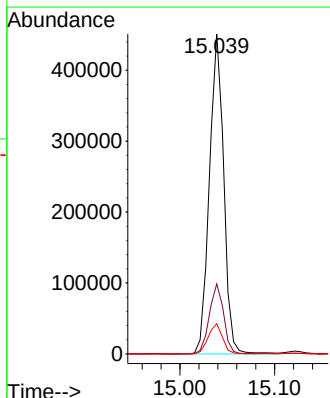
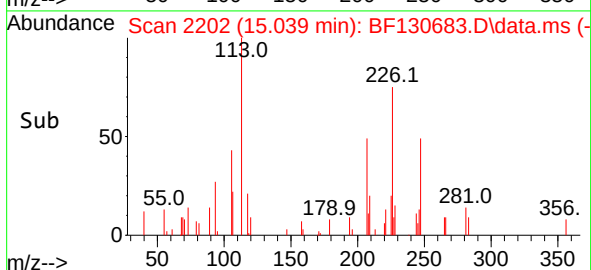
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

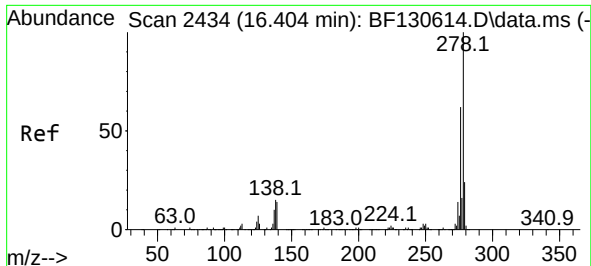


#90
Benzo(a)pyrene
Concen: 49.684 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09



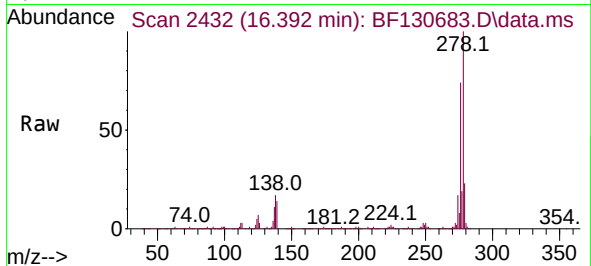
Tgt Ion:252 Resp: 474940
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 42.376 ng
RT: 16.392 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

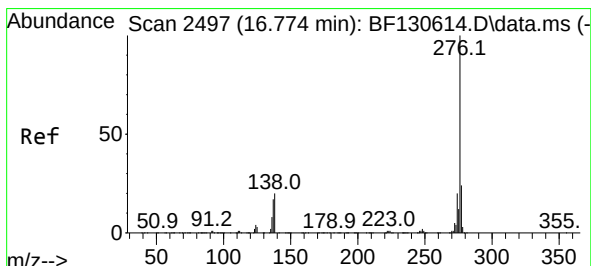
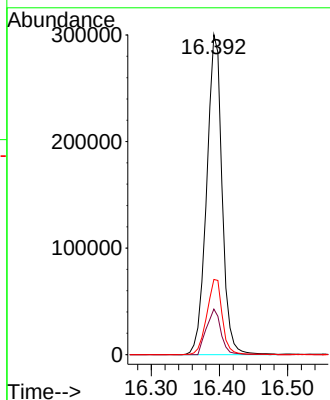
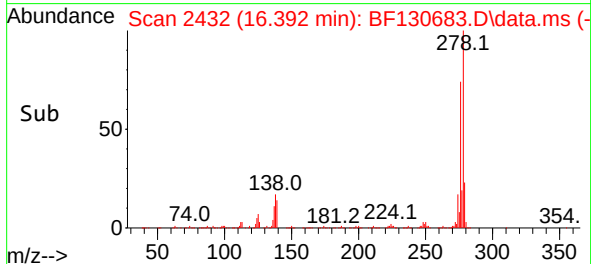
Instrument :
BNA_F
ClientSampleId :
PB148341BS



Tgt Ion: 278 Resp: 471556
Ion Ratio Lower Upper
278 100
139 14.2 11.1 16.7
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 10/18/2022
Supervised By : Jagrut Upadhyay 10/18/2022



#92
Benzo(g,h,i)perylene
Concen: 45.105 ng
RT: 16.768 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BF130683.D
Acq: 17 Oct 2022 13:09

Tgt Ion: 276 Resp: 467487
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 17.9 15.9 23.9

