

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130833.D
 Acq On : 28 Oct 2022 20:27
 Operator : CG\JU
 Sample : N5281-13MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12MSD

Quant Time: Oct 29 05:46:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	121029	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	461802	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	247043	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	430438	20.000	ng	0.00
76) Chrysene-d12	14.133	240	251044	20.000	ng	0.00
86) Perylene-d12	15.645	264	222124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	812626	116.400	ng	0.02
7) Phenol-d6	6.569	99	1037670	114.379	ng	0.00
23) Nitrobenzene-d5	7.516	82	678434	88.585	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	276582	132.997	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1232746	75.443	ng	0.00
79) Terphenyl-d14	13.075	244	1196760	87.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	134148	42.858	ng	94
3) Pyridine	3.634	79	355844	40.589	ng	96
4) n-Nitrosodimethylamine	3.605	42	253463	51.499	ng	92
6) Aniline	6.610	93	513221m	45.749	ng	
8) 2-Chlorophenol	6.734	128	395184	50.814	ng	99
9) Benzaldehyde	6.498	77	190065	32.733	ng	94
10) Phenol	6.581	94	465912	47.723	ng	97
11) bis(2-Chloroethyl)ether	6.681	93	375809	49.380	ng	95
12) 1,3-Dichlorobenzene	6.887	146	420197	47.681	ng	97
13) 1,4-Dichlorobenzene	6.963	146	426283	47.655	ng	98
14) 1,2-Dichlorobenzene	7.116	146	410632	49.567	ng	98
15) Benzyl Alcohol	7.087	79	381528	49.457	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.222	45	676656	49.880	ng	99
17) 2-Methylphenol	7.193	107	322942	48.584	ng	100
18) Hexachloroethane	7.463	117	162695	50.324	ng	95
19) n-Nitroso-di-n-propyla...	7.363	70	296141	47.977	ng	99
20) 3+4-Methylphenols	7.345	107	396104	45.832	ng	# 88
22) Acetophenone	7.363	105	550744	49.189	ng	98
24) Nitrobenzene	7.534	77	436754	52.153	ng	96
25) Isophorone	7.775	82	807014	51.100	ng	99
26) 2-Nitrophenol	7.845	139	188570	56.336	ng	91
27) 2,4-Dimethylphenol	7.875	122	358256	54.507	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	471154	53.418	ng	99
29) 2,4-Dichlorophenol	8.087	162	326334	48.264	ng	95
30) 1,2,4-Trichlorobenzene	8.169	180	342545	47.114	ng	97
31) Naphthalene	8.257	128	1110834	46.104	ng	99
32) Benzoic acid	8.004	122	228250	48.725	ng	95
33) 4-Chloroaniline	8.298	127	357148	37.512	ng	99
34) Hexachlorobutadiene	8.369	225	234519	48.591	ng	99
35) Caprolactam	8.681	113	100762m	46.504	ng	
36) 4-Chloro-3-methylphenol	8.781	107	362458	49.421	ng	99
37) 2-Methylnaphthalene	8.951	142	718387	47.401	ng	100
38) 1-Methylnaphthalene	9.051	142	670895	45.487	ng	98
40) 1,2,4,5-Tetrachloroben...	9.110	216	351770	50.212	ng	98
41) Hexachlorocyclopentadiene	9.098	237	465536	126.471	ng	98
43) 2,4,6-Trichlorophenol	9.222	196	247220	50.784	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	247330	47.555	ng	96
46) 1,1'-Biphenyl	9.416	154	871724	49.528	ng	99
47) 2-Chloronaphthalene	9.439	162	675503	47.863	ng	98
48) 2-Nitroaniline	9.534	65	241093	52.683	ng	98
49) Acenaphthylene	9.857	152	1045702	46.887	ng	98
50) Dimethylphthalate	9.716	163	792566	46.709	ng	99
51) 2,6-Dinitrotoluene	9.781	165	168342	51.946	ng	87
52) Acenaphthene	10.034	154	719883	52.200	ng	98
53) 3-Nitroaniline	9.951	138	143327	43.366	ng	# 89
54) 2,4-Dinitrophenol	10.051	184	150578	91.314	ng	95
55) Dibenzofuran	10.204	168	916837	45.866	ng	99
56) 4-Nitrophenol	10.104	139	284138	108.577	ng	98
57) 2,4-Dinitrotoluene	10.181	165	220116	53.826	ng	# 87
58) Fluorene	10.545	166	727127	46.196	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	200841	46.839	ng	99
60) Diethylphthalate	10.416	149	784474	47.009	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	353984	47.011	ng	99
62) 4-Nitroaniline	10.569	138	179846	53.739	ng	97
63) Azobenzene	10.698	77	813837	46.718	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	100170	54.414	ng	93
66) n-Nitrosodiphenylamine	10.657	169	672041	50.055	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	228144	52.704	ng	# 89
68) Hexachlorobenzene	11.092	284	243031	50.957	ng	98
69) Atrazine	11.186	200	219898	56.714	ng	97
70) Pentachlorophenol	11.286	266	267553	98.310	ng	97
71) Phenanthrene	11.516	178	1051090	47.312	ng	100
72) Anthracene	11.563	178	1077644	49.179	ng	99
73) Carbazole	11.716	167	940523	47.928	ng	99
74) Di-n-butylphthalate	12.045	149	1164886	48.878	ng	99
75) Fluoranthene	12.704	202	1063549	45.057	ng	99
77) Benzidine	12.822	184	537538	88.207	ng	100
78) Pyrene	12.933	202	1061828	50.133	ng	100
80) Butylbenzylphthalate	13.551	149	410286	53.843	ng	92
81) Benzo(a)anthracene	14.121	228	793461	47.672	ng	99
82) 3,3'-Dichlorobenzidine	14.086	252	205081	45.653	ng	# 91
83) Chrysene	14.163	228	752727	46.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	513086	56.001	ng	99
85) Di-n-octyl phthalate	14.727	149	754340	59.656	ng	100
87) Indeno(1,2,3-cd)pyrene	17.198	276	780619	52.921	ng	98
88) Benzo(b)fluoranthene	15.198	252	682320	47.519	ng	99
89) Benzo(k)fluoranthene	15.233	252	676556m	48.354	ng	
90) Benzo(a)pyrene	15.586	252	608377	52.707	ng	98
91) Dibenzo(a,h)anthracene	17.221	278	668188	55.568	ng	99
92) Benzo(g,h,i)perylene	17.674	276	674681	54.996	ng	99

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

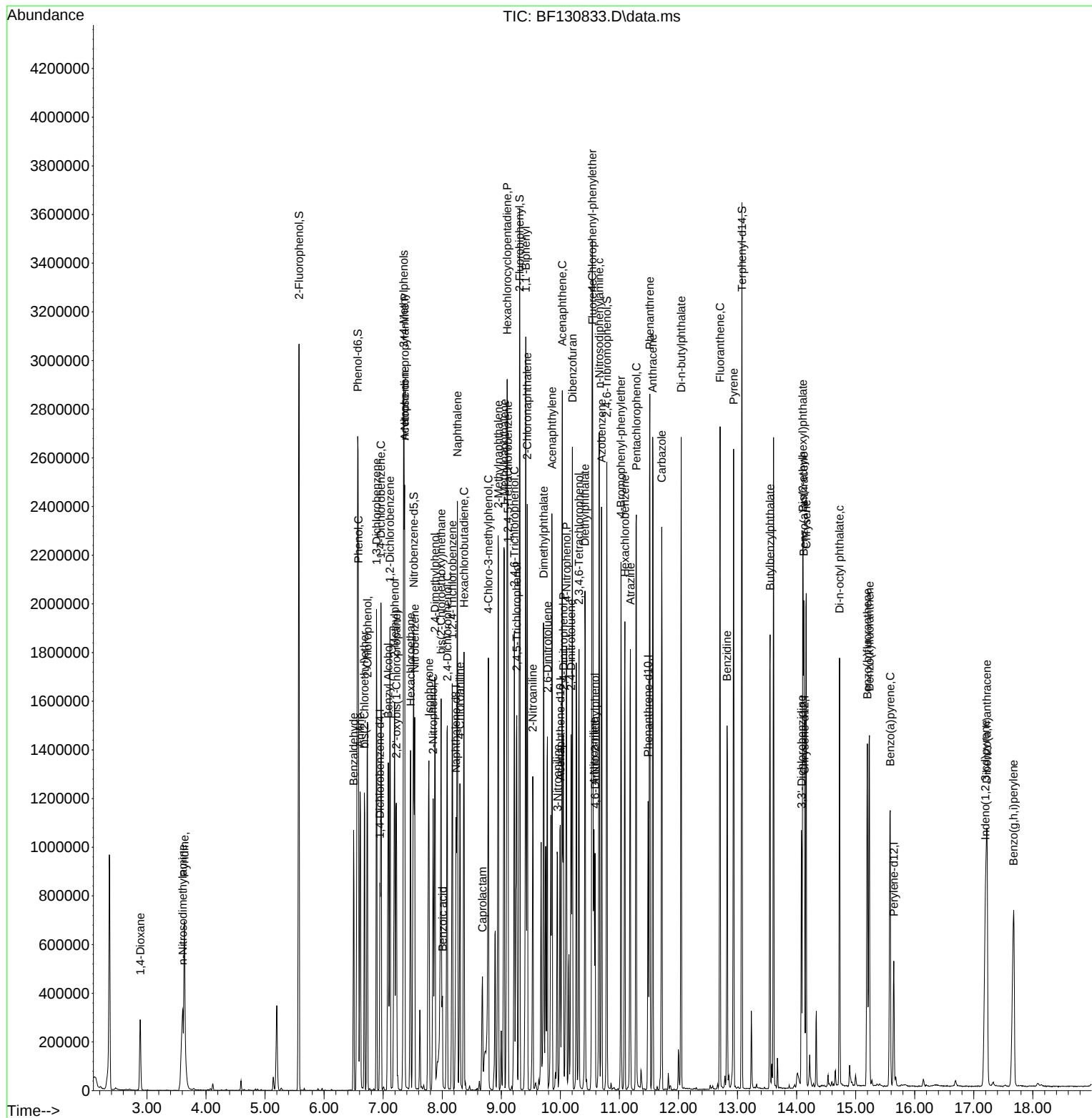
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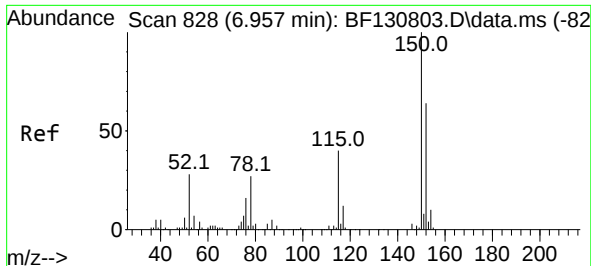
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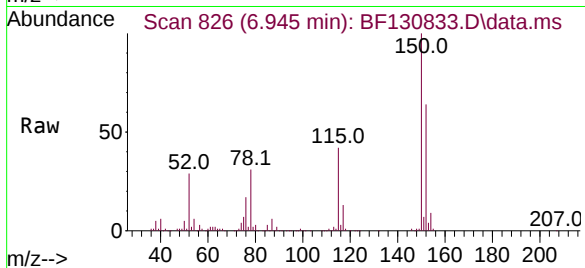
Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27

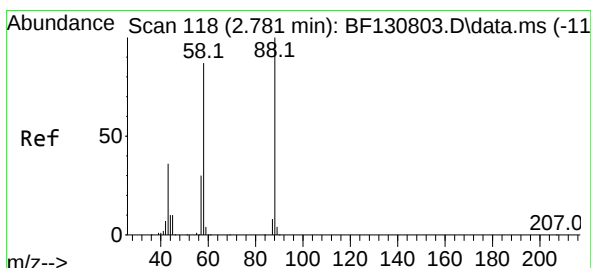
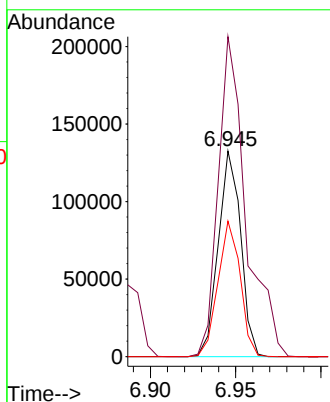
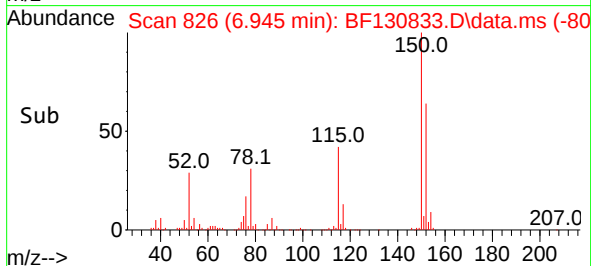
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 ClientSampleId :
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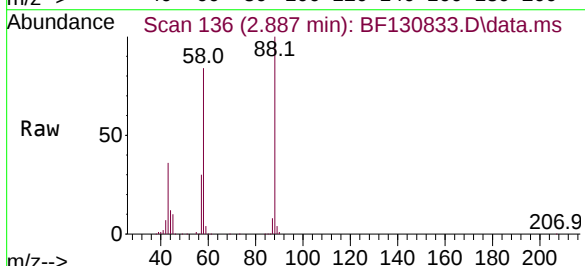
Tgt Ion:152 Resp: 121029
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.1 186.1
 115 65.9 50.1 75.1

Manual Integrations
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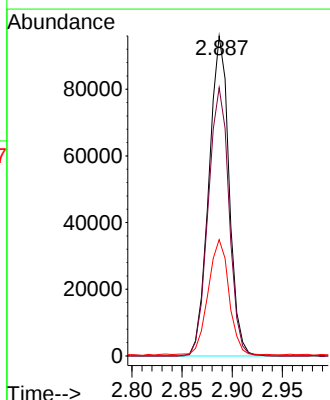
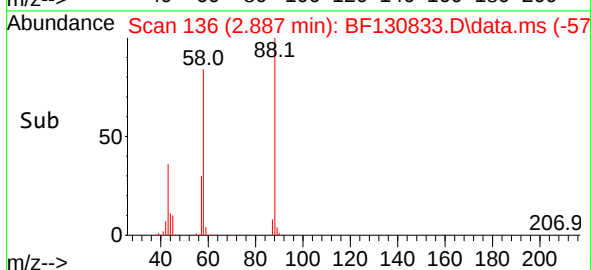
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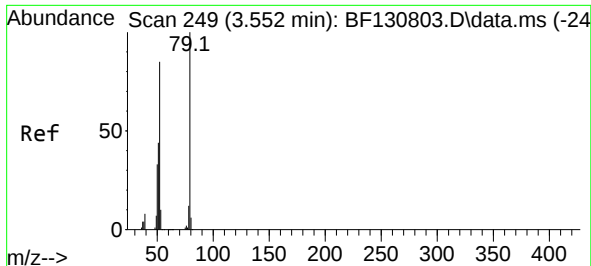


#2
 1,4-Dioxane
 Concen: 42.858 ng
 RT: 2.887 min Scan# 136
 Delta R.T. 0.112 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27



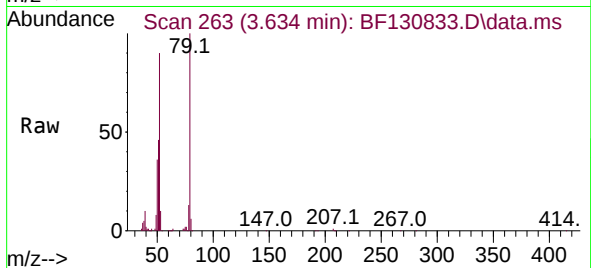
Tgt Ion: 88 Resp: 134148
 Ion Ratio Lower Upper
 88 100
 58 86.4 64.7 97.1
 43 37.1 26.5 39.7





#3
Pyridine
Concen: 40.589 ng
RT: 3.634 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

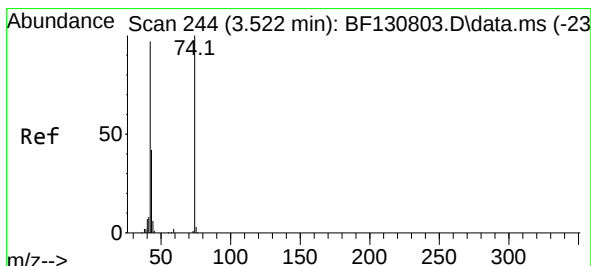
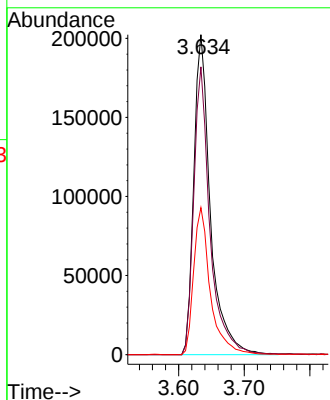
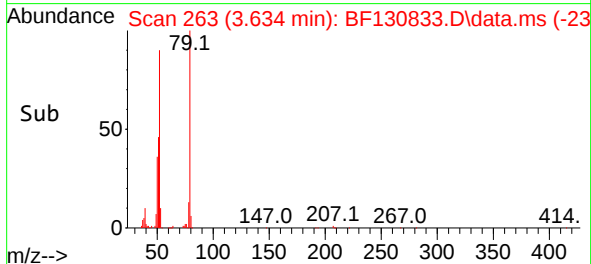
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ClientSampleId :
SB-12MSD



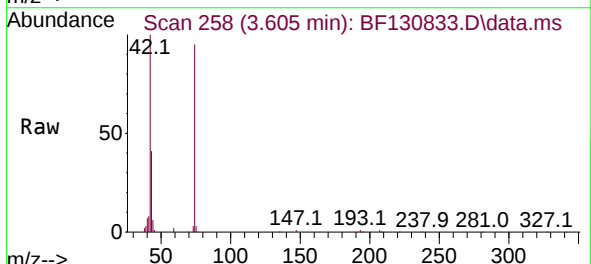
Tgt Ion: 79 Resp: 355844
Ion Ratio Lower Upper
79 100
52 89.9 68.2 102.4
51 45.9 35.2 52.8

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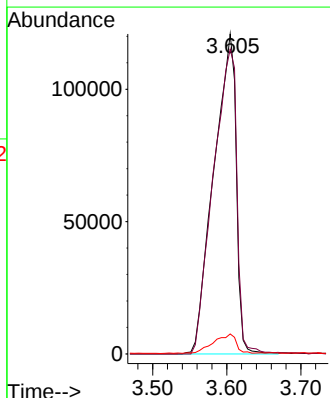
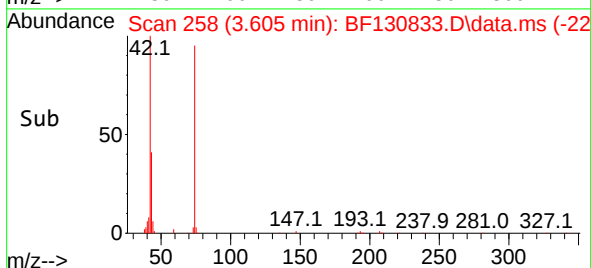
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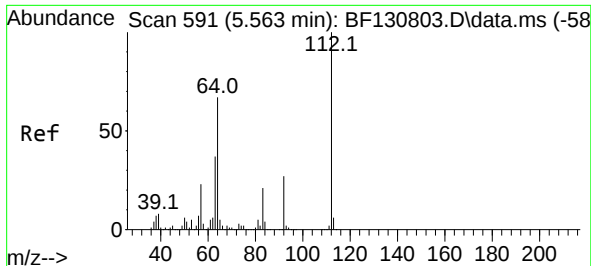


#4
n-Nitrosodimethylamine
Concen: 51.499 ng
RT: 3.605 min Scan# 258
Delta R.T. 0.088 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



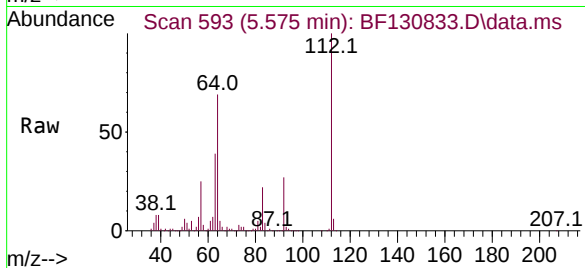
Tgt Ion: 42 Resp: 253463
Ion Ratio Lower Upper
42 100
74 95.2 82.8 124.2
44 6.3 6.0 9.0





#5
2-Fluorophenol
Concen: 116.400 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

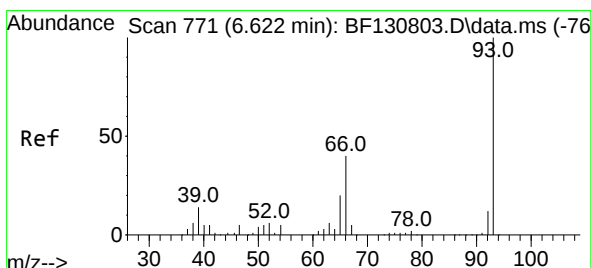
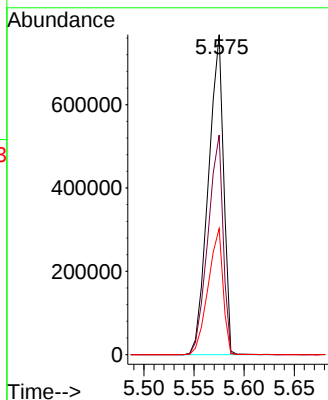
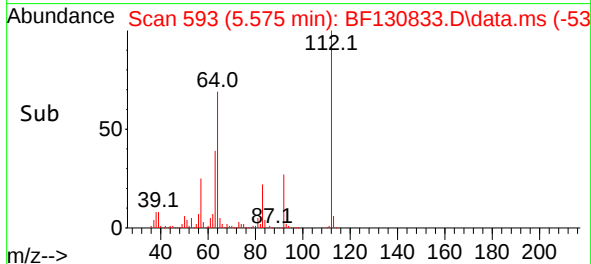
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 812626
Ion Ratio Lower Upper
112 100
64 68.6 53.9 80.9
63 39.4 29.4 44.2

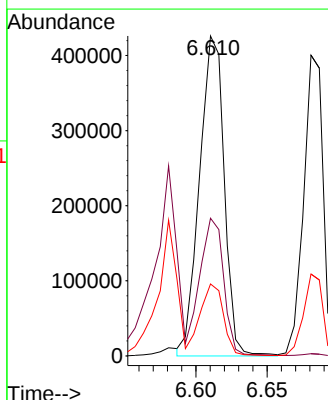
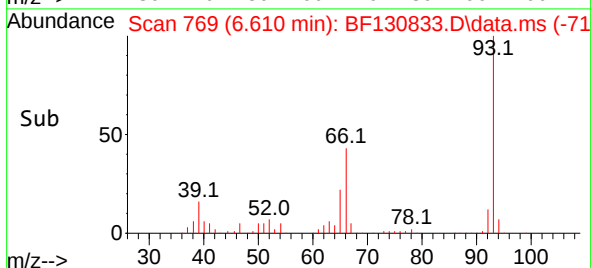
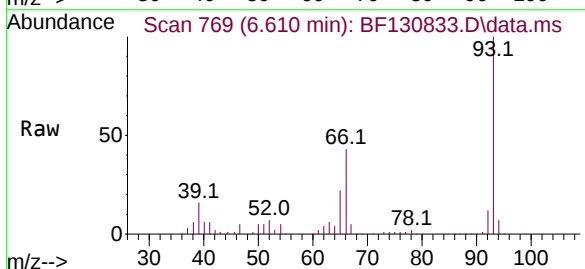
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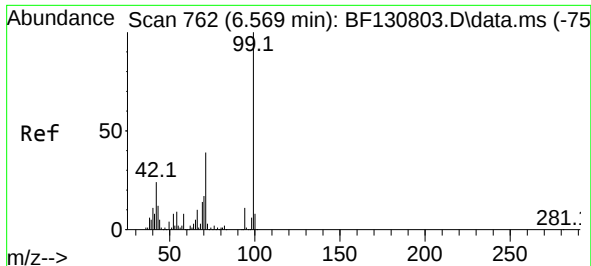
Reviewed By :Christian Giraldo 10/31/2022
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#6
Aniline
Concen: 45.749 ng m
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

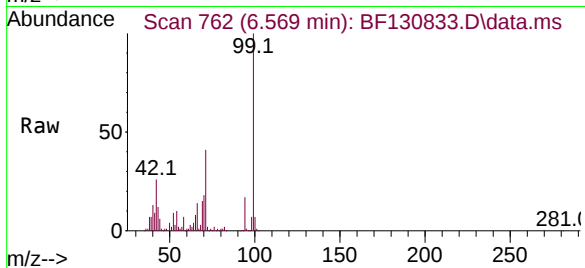
Tgt Ion: 93 Resp: 513221
Ion Ratio Lower Upper
93 100
66 43.0 33.8 50.8
65 22.5 17.2 25.8





#7
Phenol-d6
Concen: 114.379 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

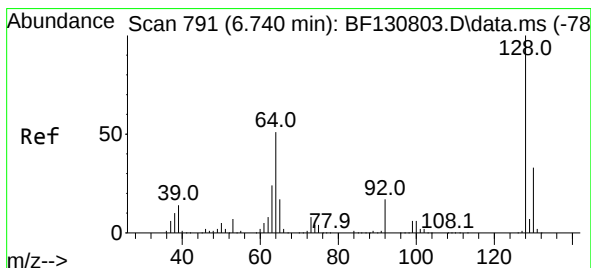
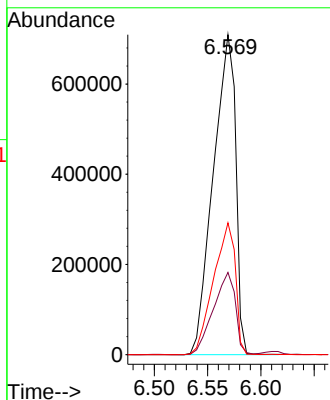
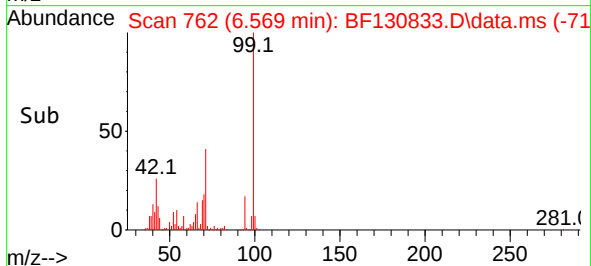
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Tgt Ion: 99 Resp: 1037670
Ion Ratio Lower Upper
99 100
42 25.7 18.8 28.2
71 41.2 31.4 47.0

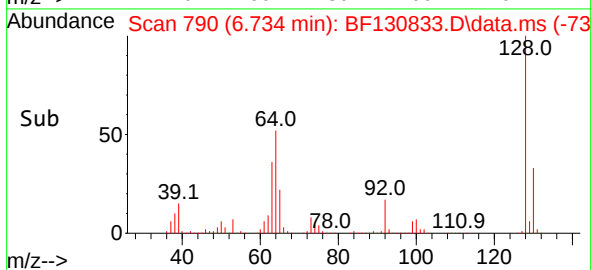
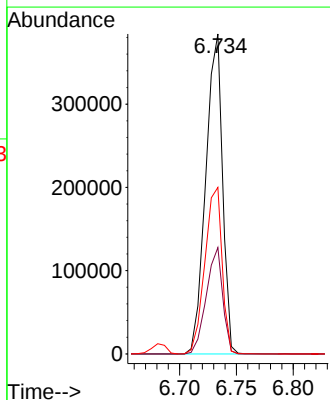
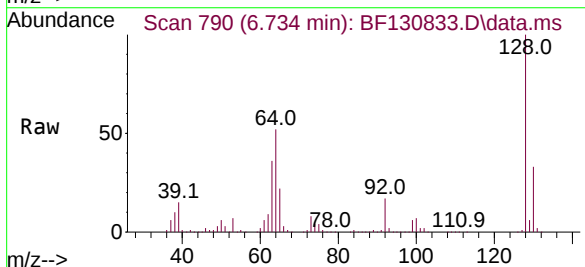
Manual Integrations
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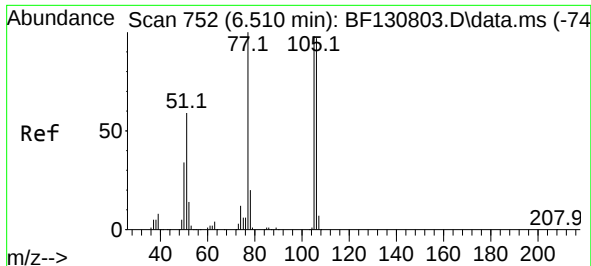
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#8
2-Chlorophenol
Concen: 50.814 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

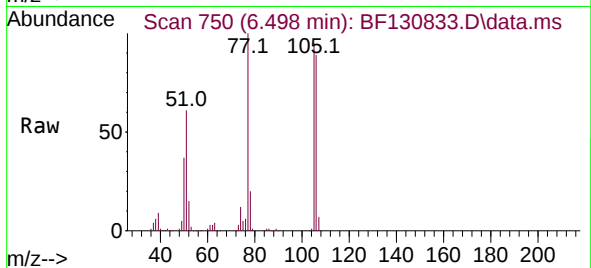
Tgt Ion:128 Resp: 395184
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 52.0 31.3 71.3





#9
Benzaldehyde
Concen: 32.733 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

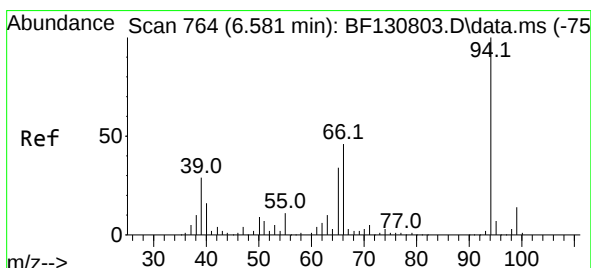
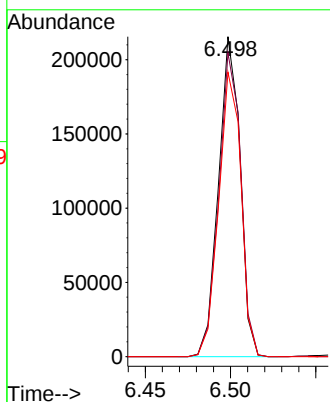
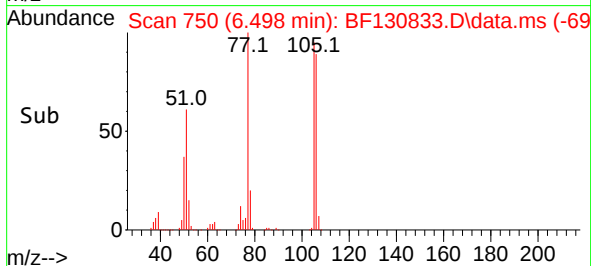
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Tgt Ion: 77 Resp: 190065
Ion Ratio Lower Upper
77 100
105 94.9 78.2 118.2
106 88.9 76.6 116.6

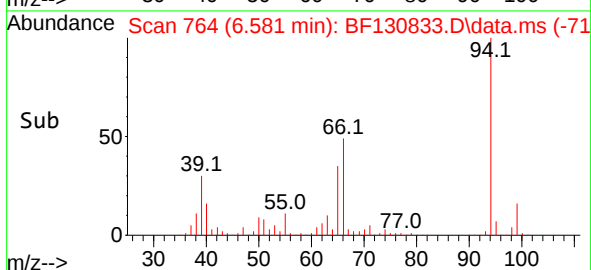
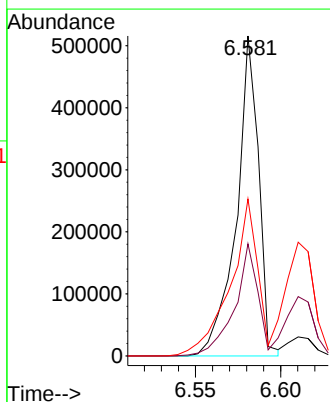
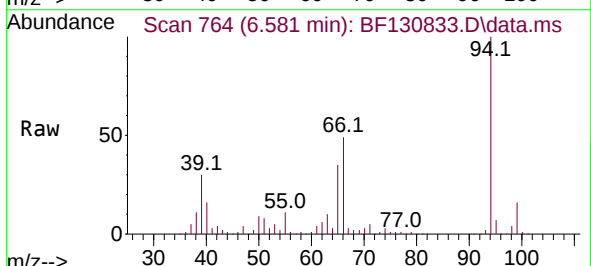
Manual Integrations
APPROVED

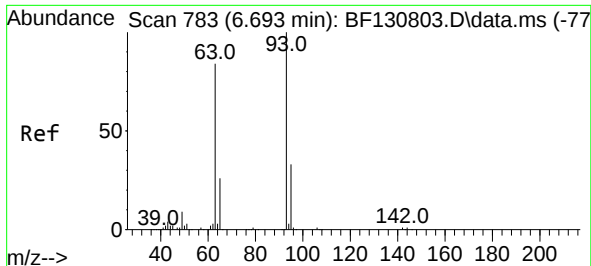
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 47.723 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

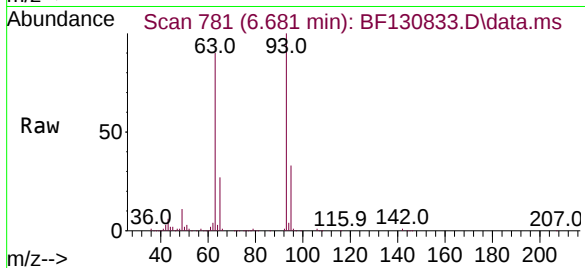
Tgt Ion: 94 Resp: 465912
Ion Ratio Lower Upper
94 100
65 35.0 13.7 53.7
66 49.0 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 49.380 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

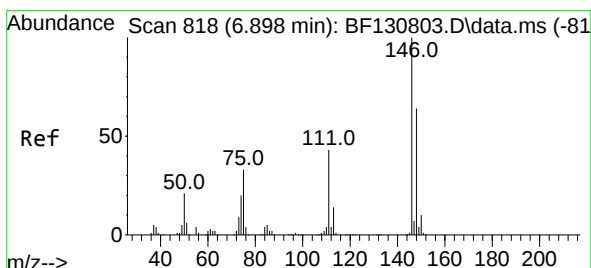
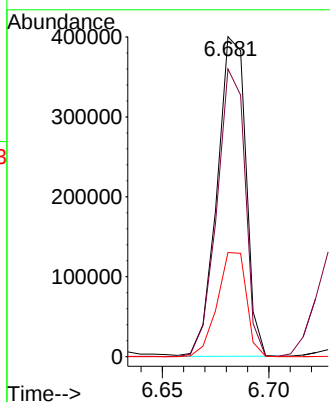
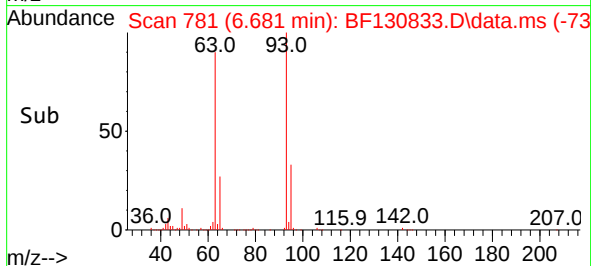
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion: 93 Resp: 375809
Ion Ratio Lower Upper
93 100
63 89.9 63.4 103.4
95 32.5 12.6 52.6

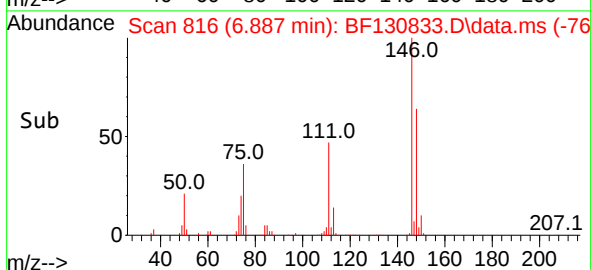
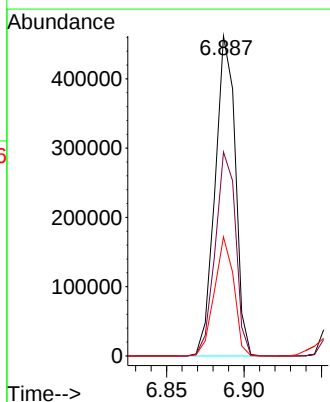
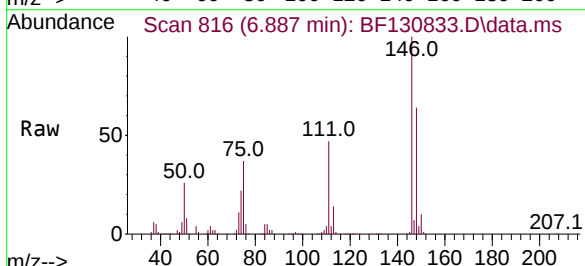
Manual Integrations
APPROVED

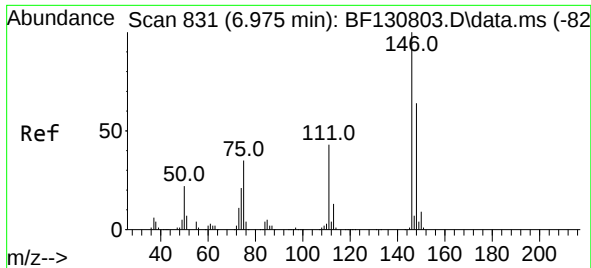
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 47.681 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:146 Resp: 420197
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 37.2 26.6 40.0





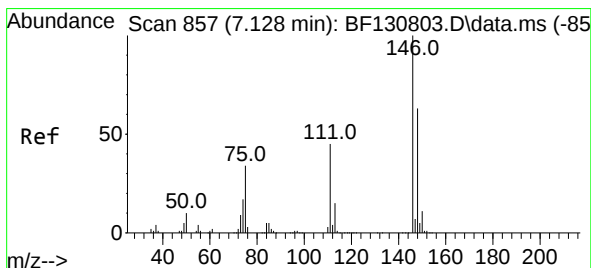
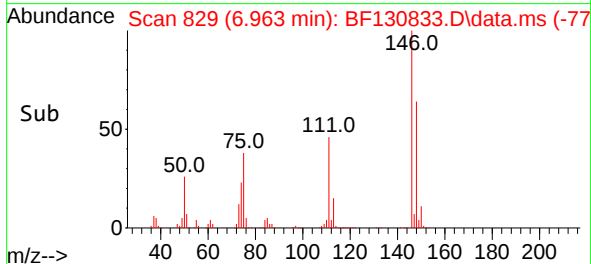
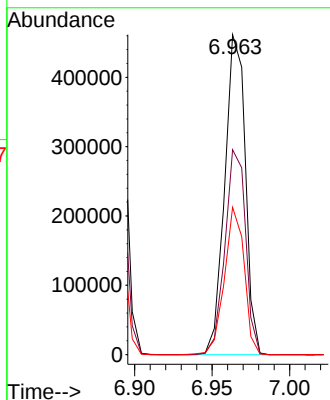
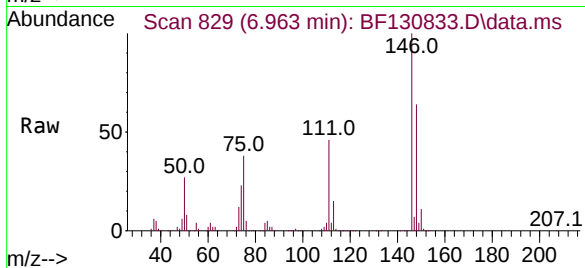
#13
1,4-Dichlorobenzene
Concen: 47.655 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion:146 Resp: 426283
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 46.0 34.6 51.8

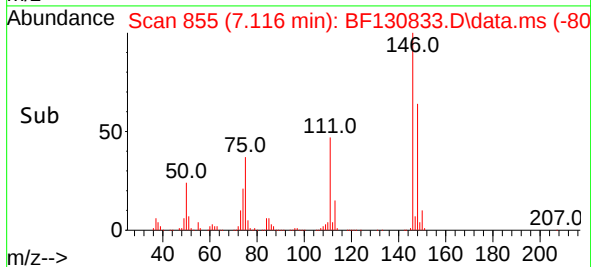
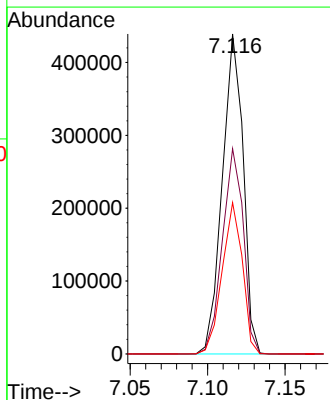
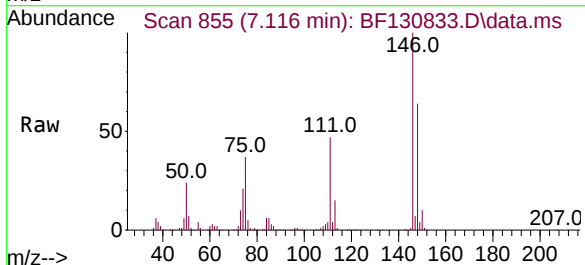
Manual Integrations
APPROVED

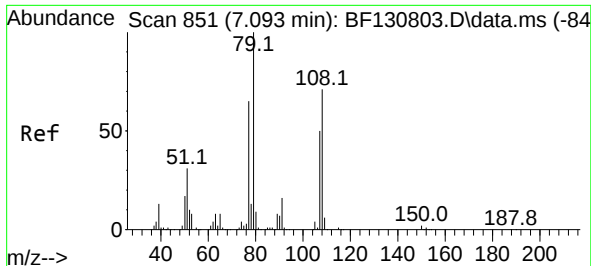
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#14
1,2-Dichlorobenzene
Concen: 49.567 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

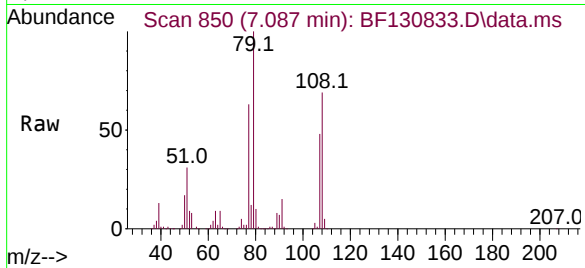
Tgt Ion:146 Resp: 410632
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 47.3 36.3 54.5





#15
Benzyl Alcohol
Concen: 49.457 ng
RT: 7.087 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

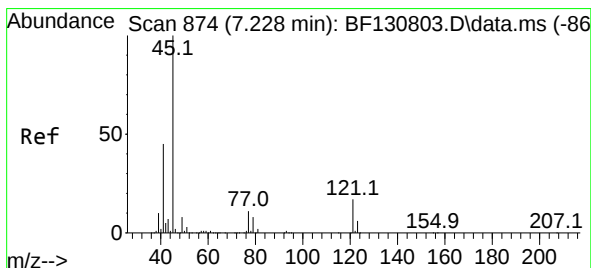
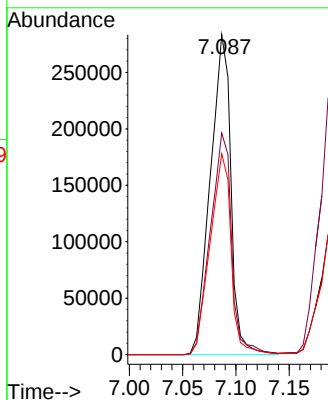
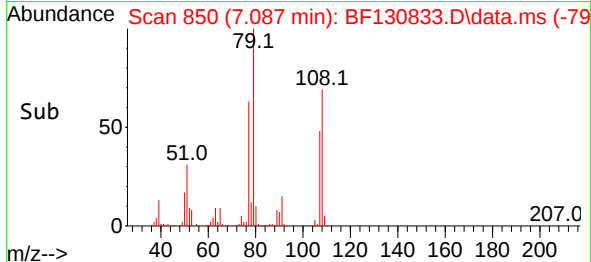
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



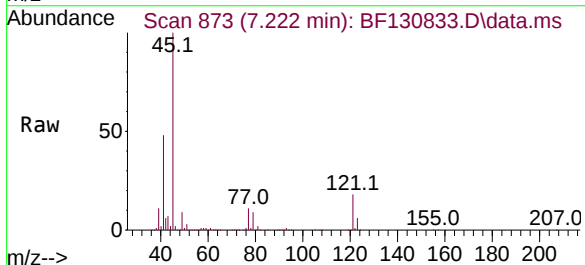
Tgt Ion: 79 Resp: 381528
Ion Ratio Lower Upper
79 100
108 69.3 56.4 84.6
77 62.8 51.8 77.8

Manual Integrations
APPROVED

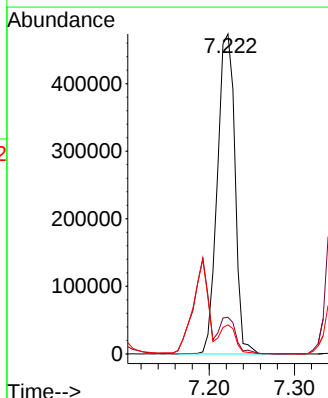
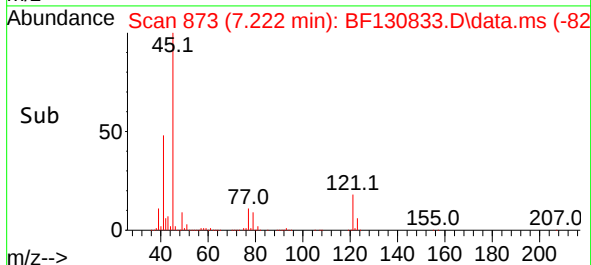
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

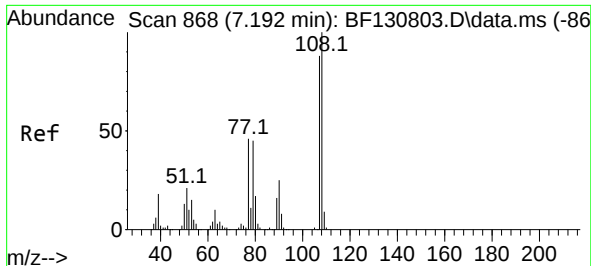


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.880 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



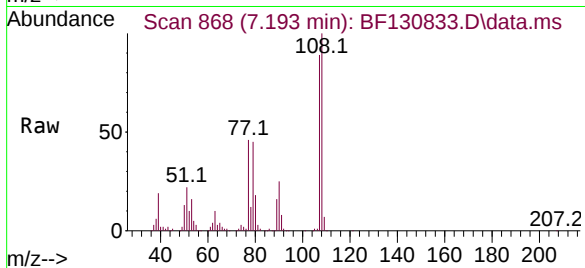
Tgt Ion: 45 Resp: 676656
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 9.1 0.0 28.4





#17
2-Methylphenol
Concen: 48.584 ng
RT: 7.193 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

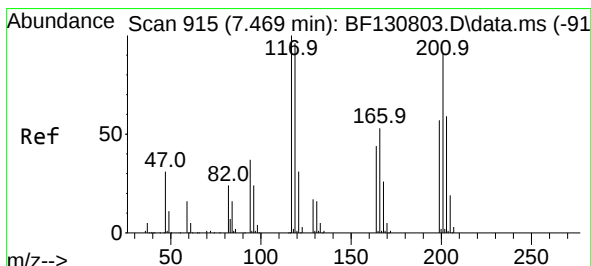
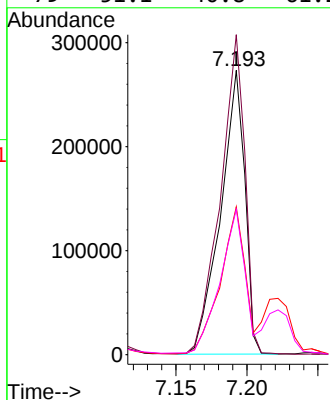
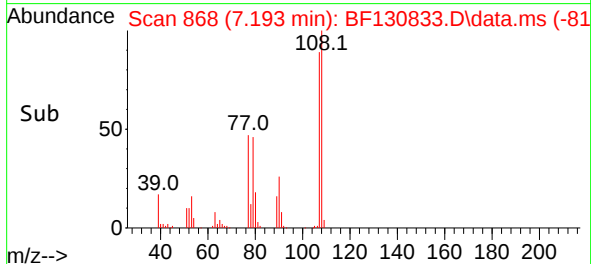
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:	107	Resp:	322942
Ion Ratio	Lower	Upper	
107	100		
108	112.6	90.5	135.7
77	52.0	41.2	61.8
79	51.1	40.8	61.2

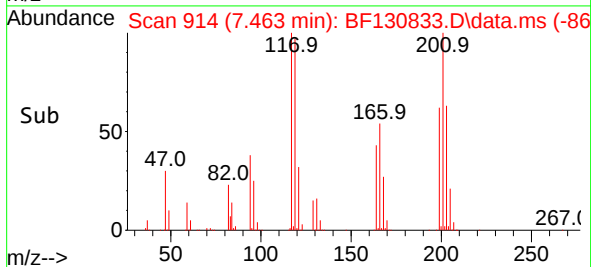
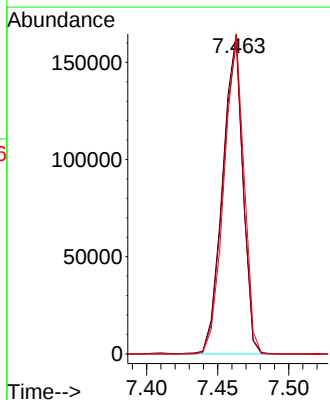
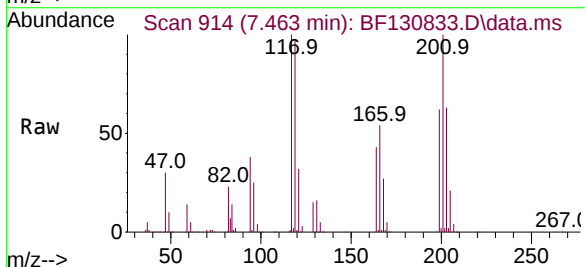
Manual Integrations
APPROVED

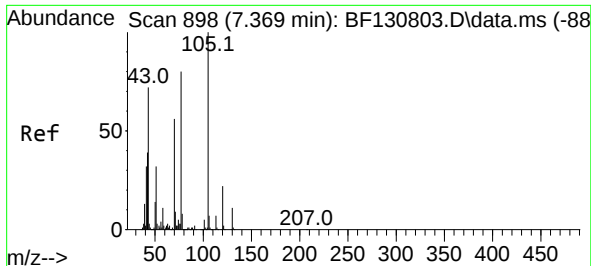
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 50.324 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

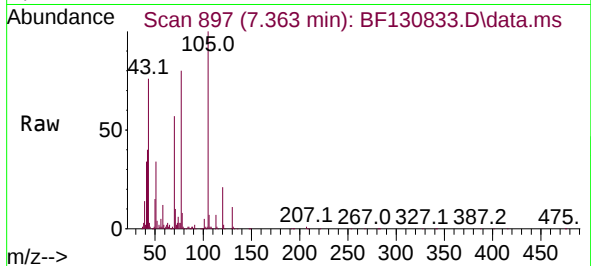
Tgt Ion:	117	Resp:	162695
Ion Ratio	Lower	Upper	
117	100		
119	97.3	77.1	115.7
201	99.9	72.9	109.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.977 ng
RT: 7.363 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

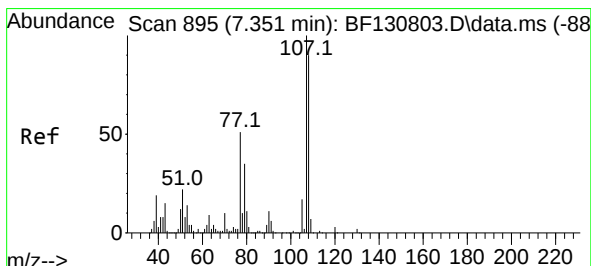
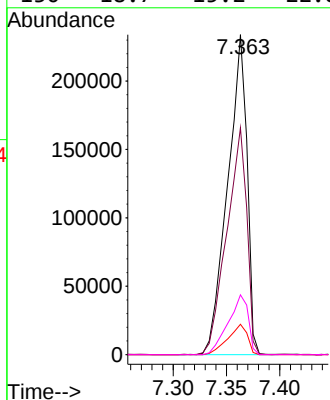
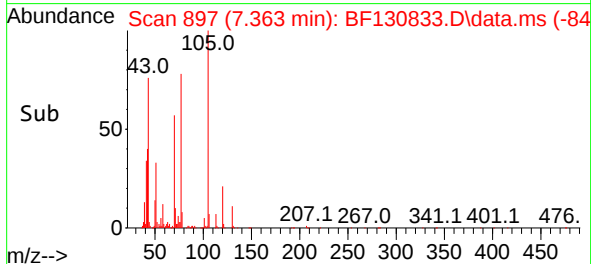
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion: 70 Resp: 29614
Ion Ratio Lower Upper
70 100
42 70.9 56.1 84.1
101 9.5 7.3 10.9
130 18.7 15.2 22.8

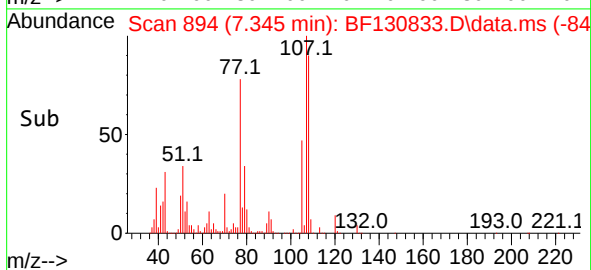
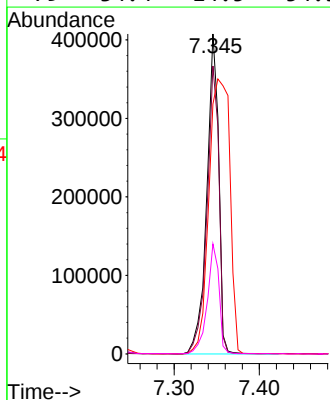
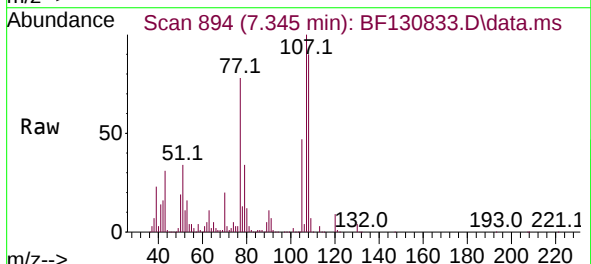
Manual Integrations
APPROVED

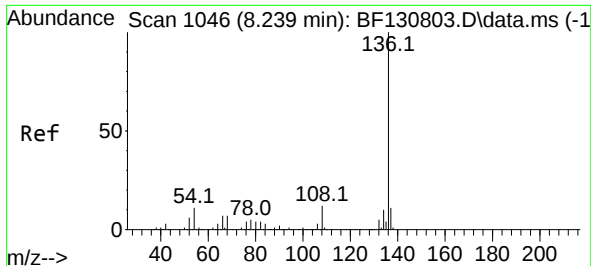
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 45.832 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

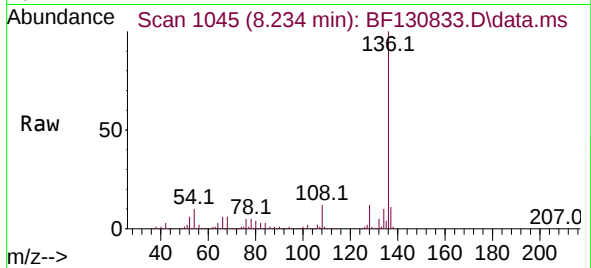
Tgt Ion:107 Resp: 396104
Ion Ratio Lower Upper
107 100
108 90.0 70.4 110.4
77 78.1 31.1 71.1#
79 34.4 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

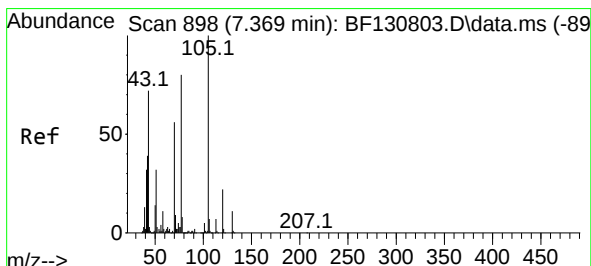
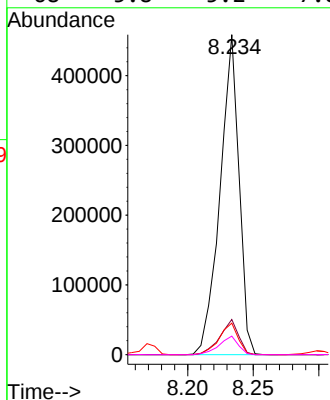
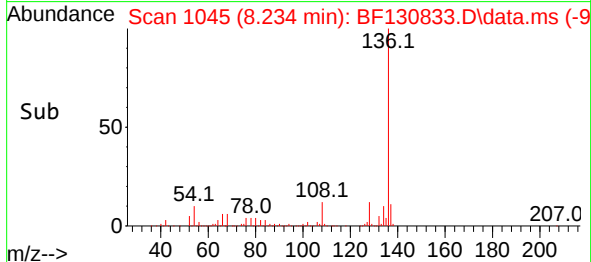
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



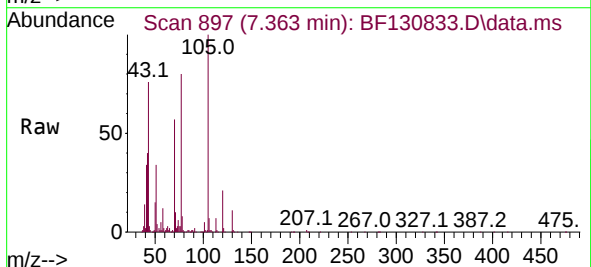
Tgt Ion:136 Resp: 461802
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.8 8.8 13.2
68 5.8 5.2 7.8

Manual Integrations
APPROVED

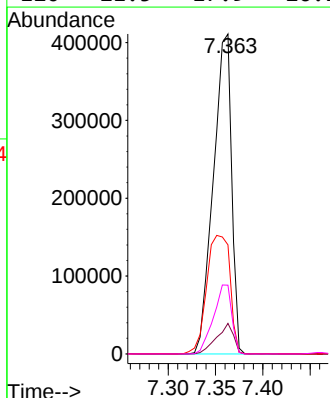
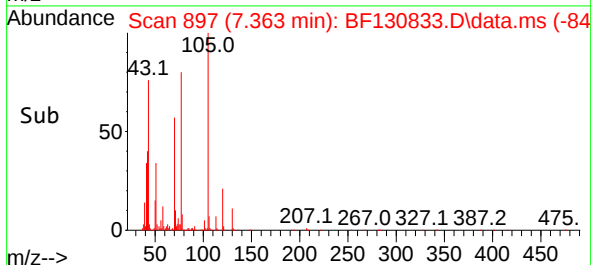
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

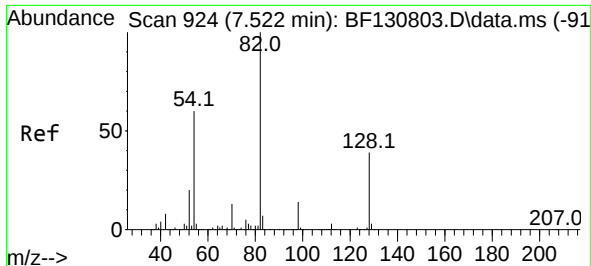


#22
Acetophenone
Concen: 49.189 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



Tgt Ion:105 Resp: 550744
Ion Ratio Lower Upper
105 100
71 9.5 7.2 10.8
51 34.1 25.9 38.9
120 21.5 17.9 26.9





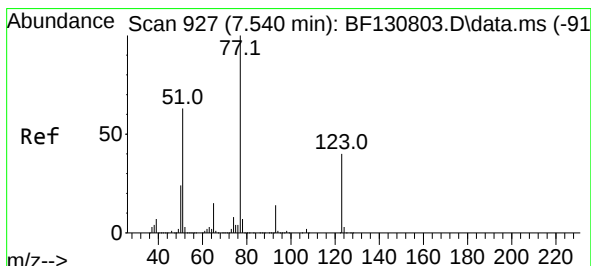
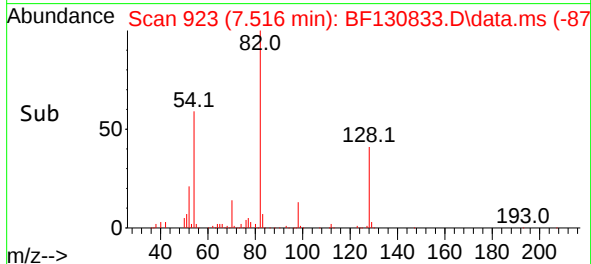
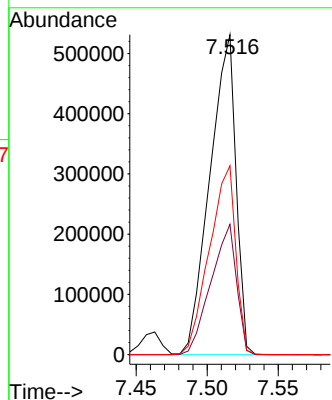
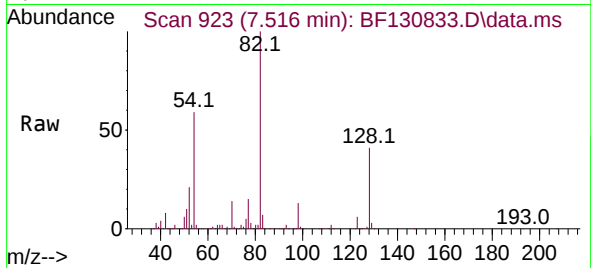
#23
Nitrobenzene-d5
Concen: 88.585 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion: 82 Resp: 678434
Ion Ratio Lower Upper
82 100
128 40.7 31.2 46.8
54 59.0 48.0 72.0

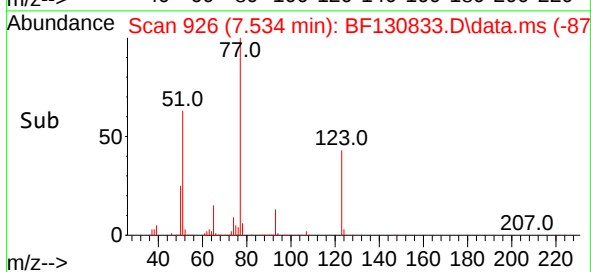
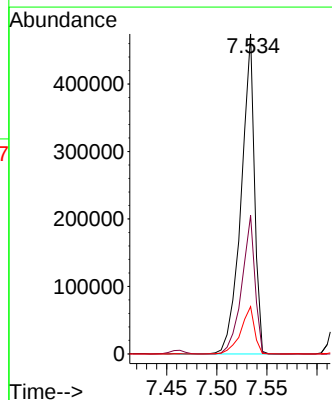
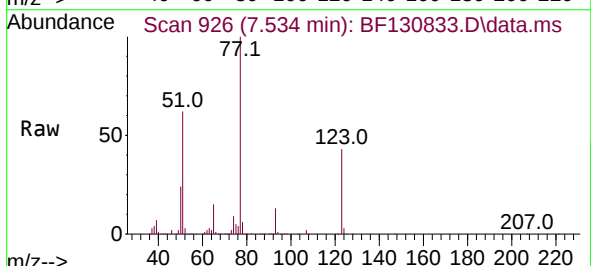
Manual Integrations
APPROVED

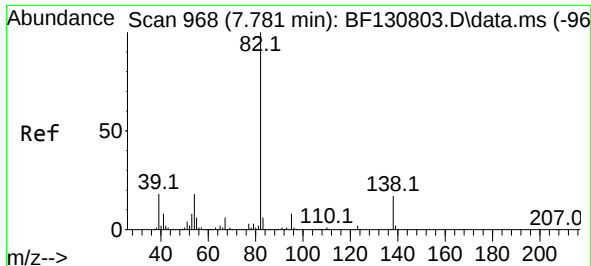
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#24
Nitrobenzene
Concen: 52.153 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

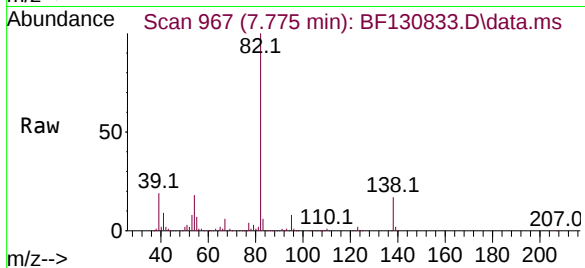
Tgt Ion: 77 Resp: 436754
Ion Ratio Lower Upper
77 100
123 43.3 32.2 48.2
65 14.8 12.0 18.0





#25
Isophorone
Concen: 51.100 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

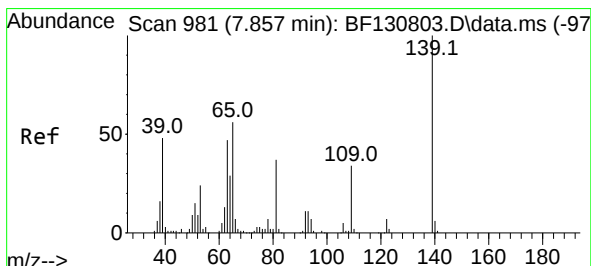
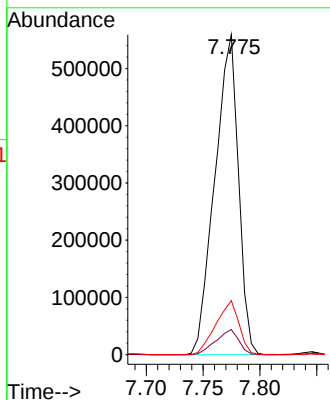
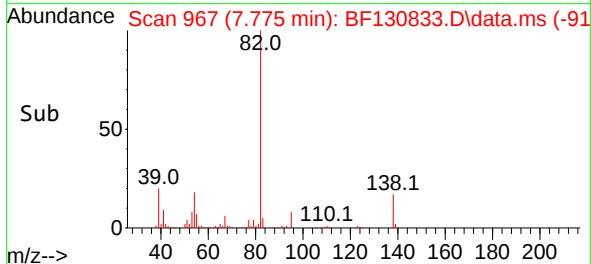
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion: 82 Resp: 807014
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 16.9 13.8 20.6

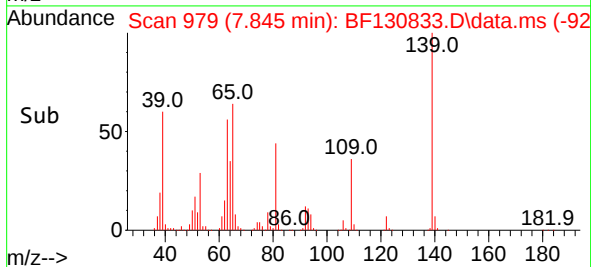
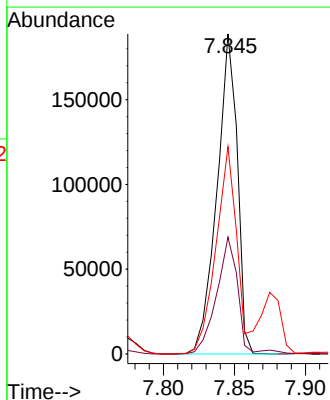
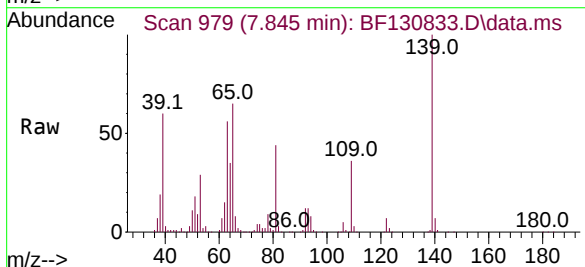
Manual Integrations
APPROVED

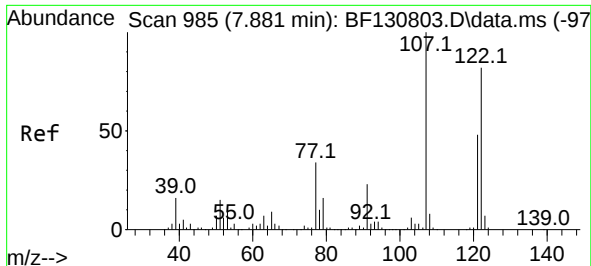
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 56.336 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:139 Resp: 188570
Ion Ratio Lower Upper
139 100
109 36.5 27.3 40.9
65 64.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 54.507 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

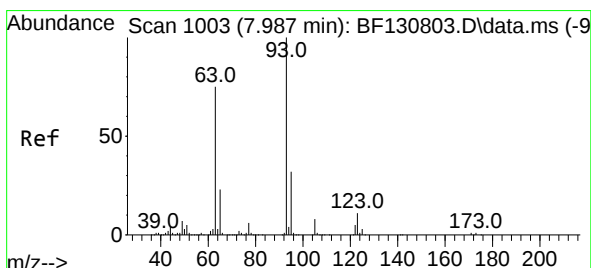
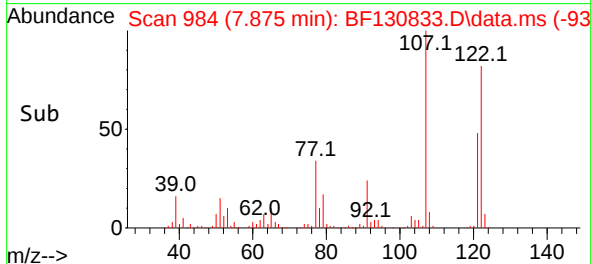
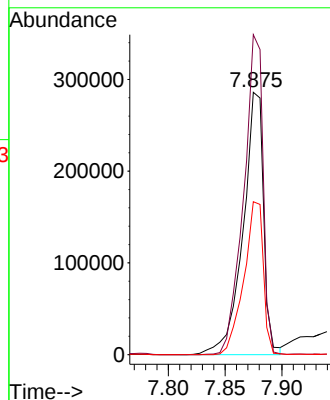
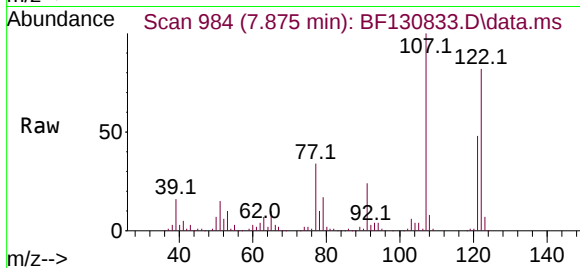
SB-12MSD

Tgt Ion:122 Resp: 358256
 Ion Ratio Lower Upper
 122 100
 107 122.0 97.1 145.7
 121 58.3 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 53.418 ng

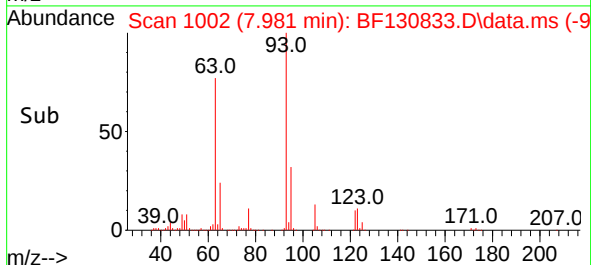
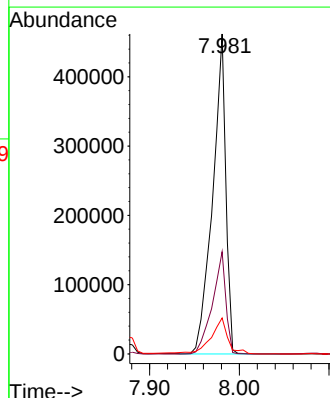
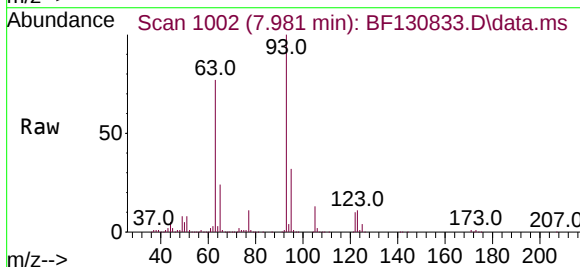
RT: 7.981 min Scan# 1002

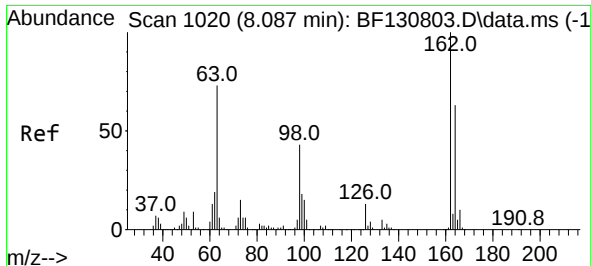
Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Tgt Ion: 93 Resp: 471154
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.264 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

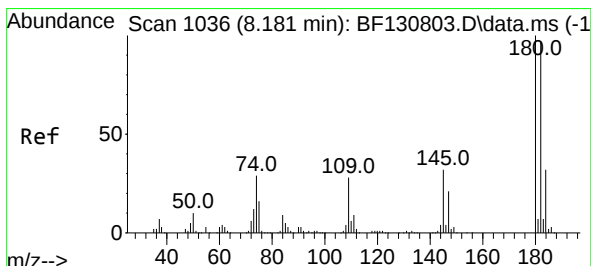
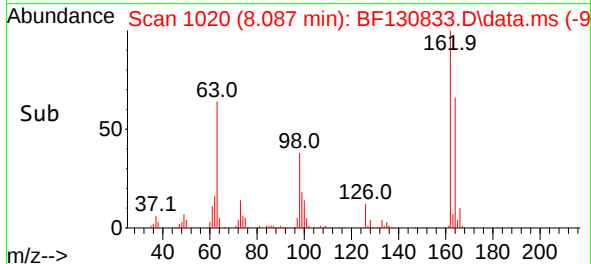
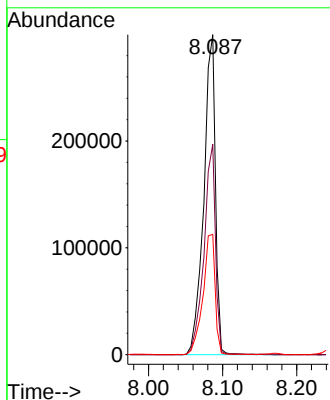
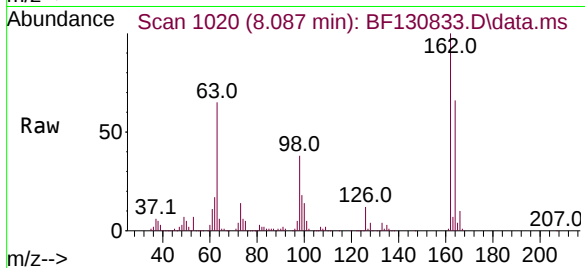
SB-12MSD

Tgt Ion:162	Resp: 326334
Ion Ratio	Lower Upper
162 100	
164 65.7	43.2 83.2
98 37.6	22.8 62.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.114 ng

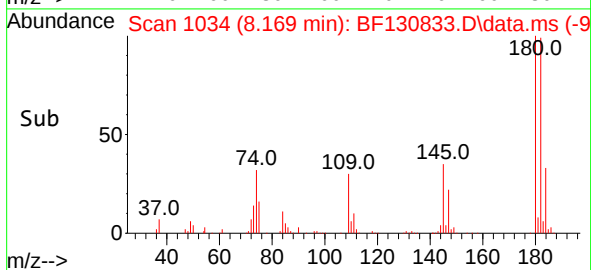
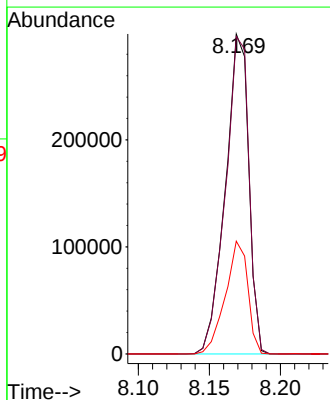
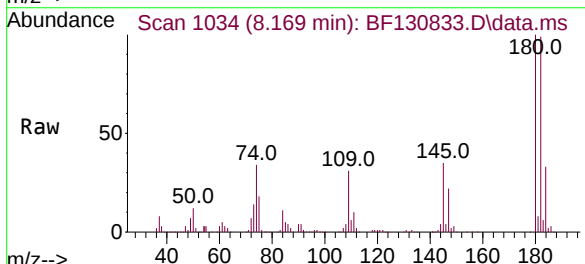
RT: 8.169 min Scan# 1034

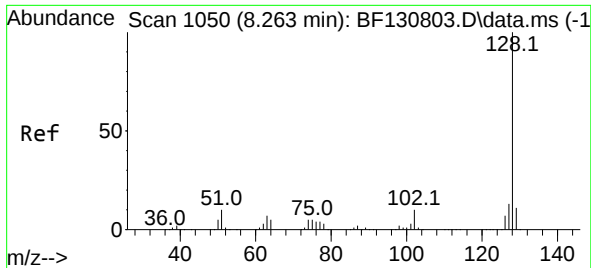
Delta R.T. -0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

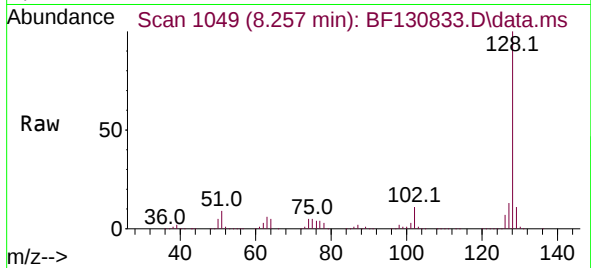
Tgt Ion:180	Resp: 342545
Ion Ratio	Lower Upper
180 100	
182 99.2	77.7 116.5
145 35.2	25.9 38.9





#31
Naphthalene
Concen: 46.104 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

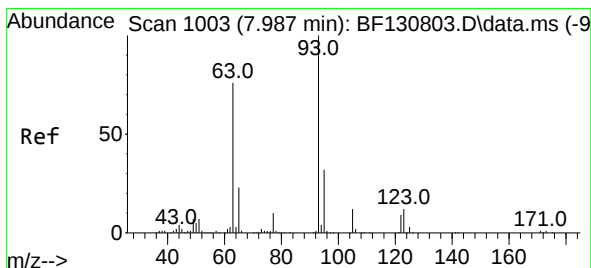
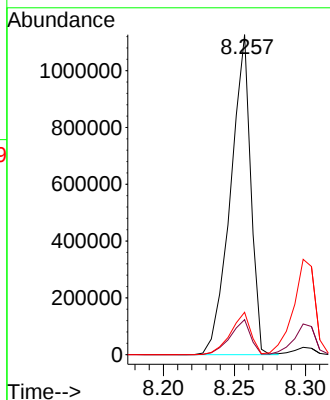
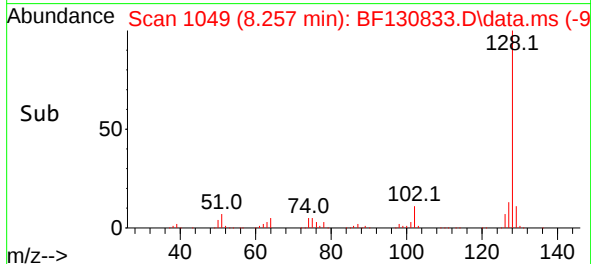
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:128 Resp: 1110834
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.6 16.0

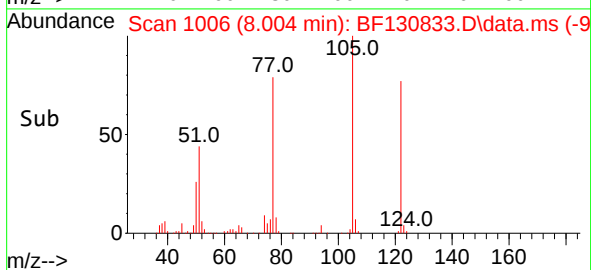
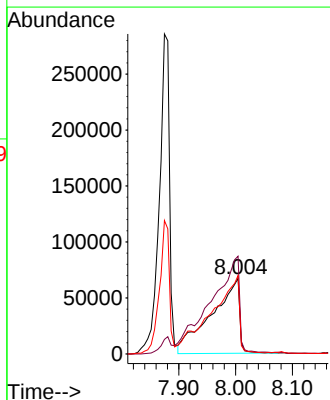
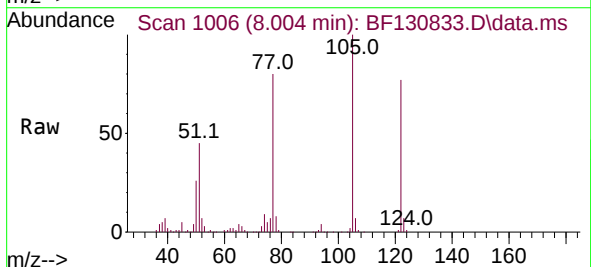
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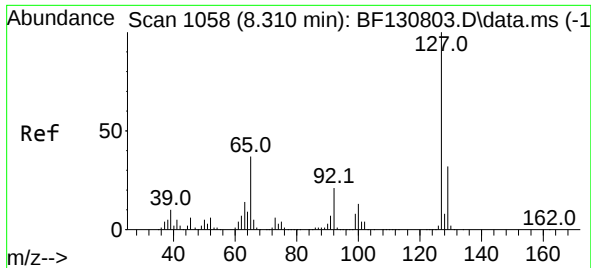
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 48.725 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.018 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:122 Resp: 228250
Ion Ratio Lower Upper
122 100
105 129.5 114.5 154.5
77 103.9 89.8 129.8





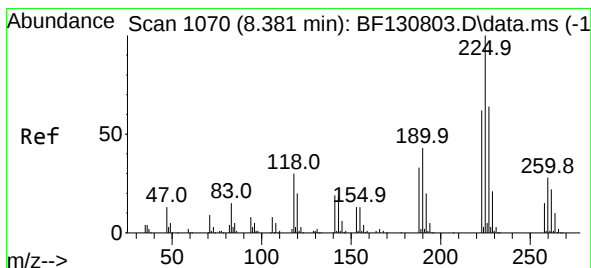
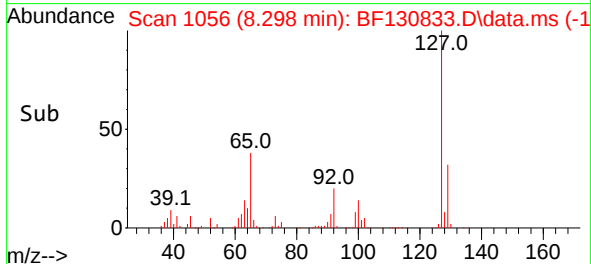
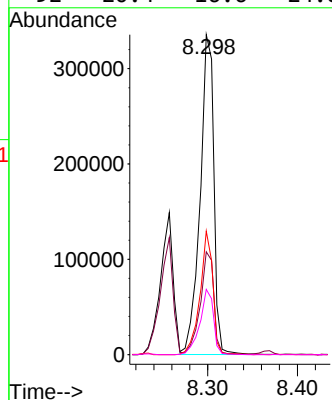
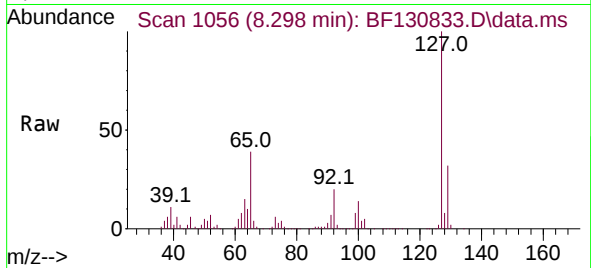
#33
4-Chloroaniline
Concen: 37.512 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion:	127	Resp:	357148
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.6	38.4
65	38.6	29.4	44.2
92	20.4	16.6	24.8

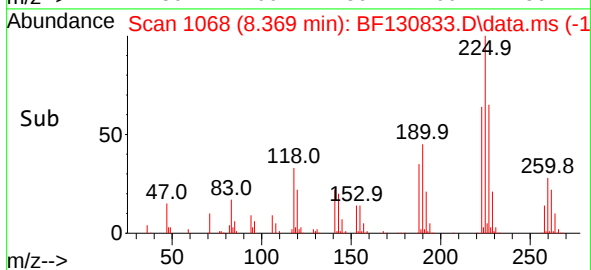
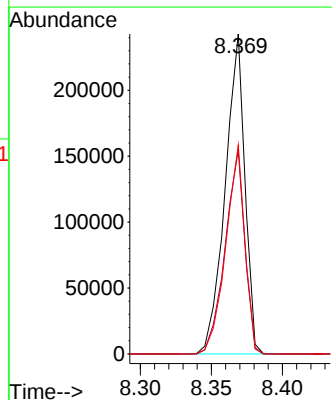
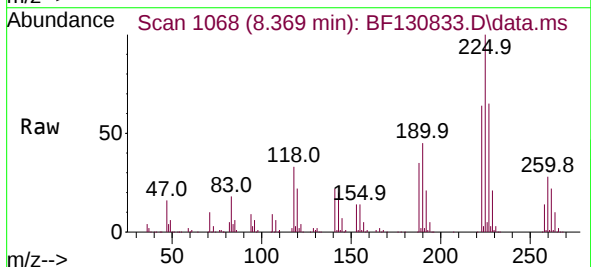
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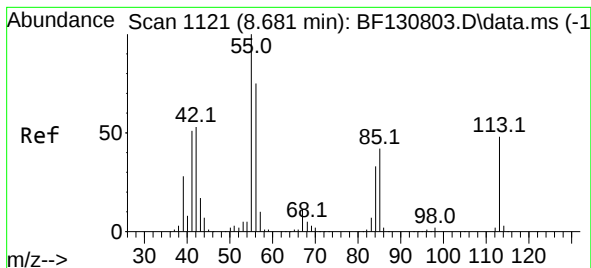
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 48.591 ng
RT: 8.369 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:	225	Resp:	234519
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.9	74.9
227	65.3	51.5	77.3





#35

Caprolactam

Concen: 46.504 ng m

RT: 8.681 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD

Tgt Ion:113 Resp: 100762

Ion Ratio Lower Upper

113 100

55 211.0 187.0 227.0

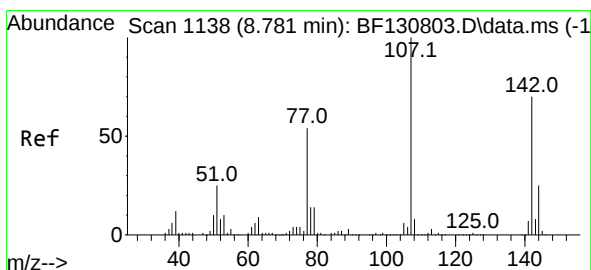
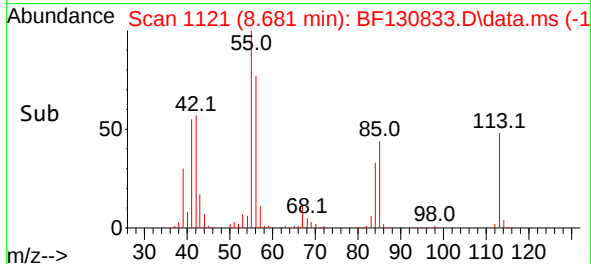
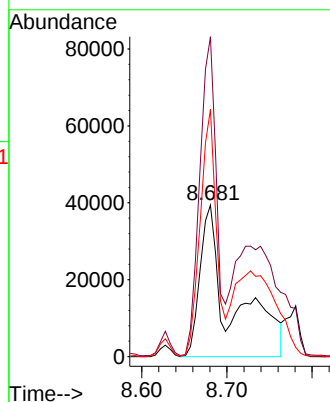
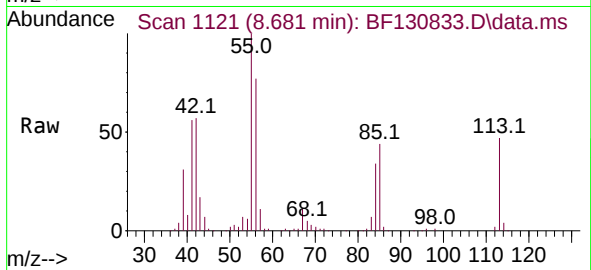
56 162.9 134.2 174.2

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#36

4-Chloro-3-methylphenol

Concen: 49.421 ng

RT: 8.781 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

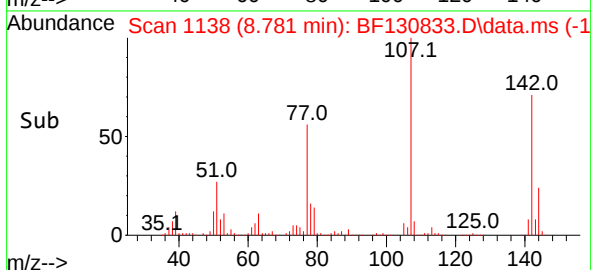
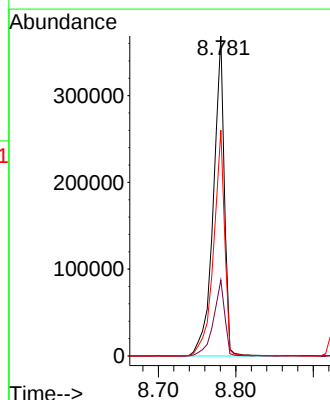
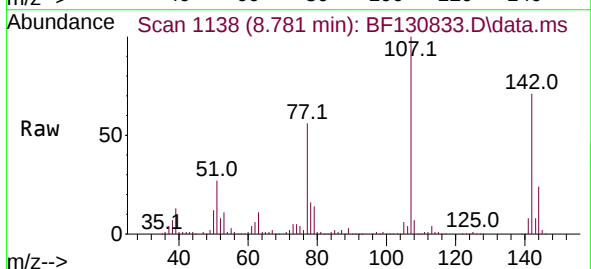
Tgt Ion:107 Resp: 362458

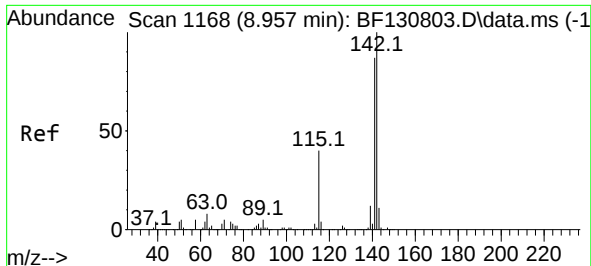
Ion Ratio Lower Upper

107 100

144 23.7 19.8 29.8

142 70.5 56.0 84.0





#37

2-Methylnaphthalene

Concen: 47.401 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD

Tgt Ion:142 Resp: 71838

Ion Ratio Lower Upper

142 100

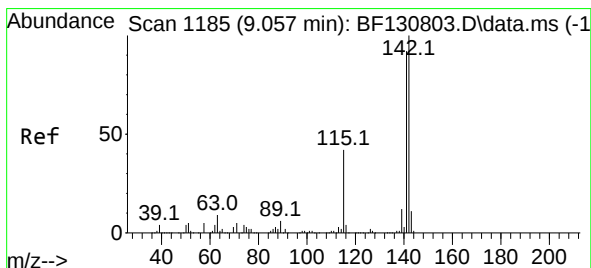
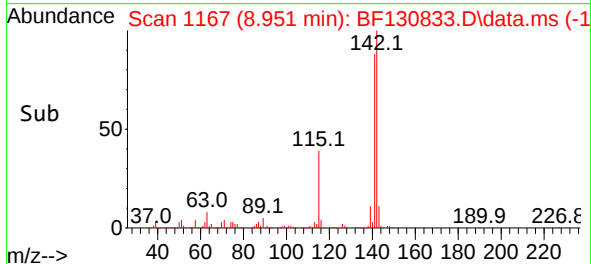
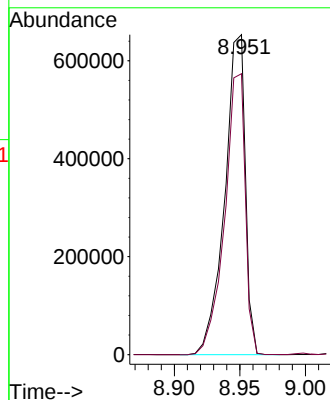
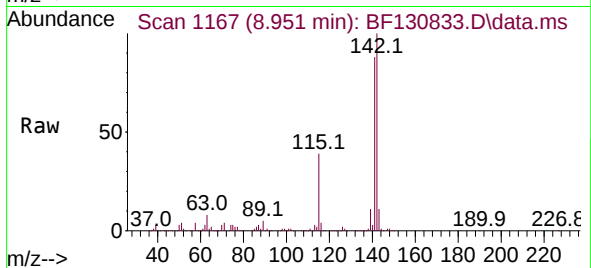
141 87.8 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 45.487 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF130833.D

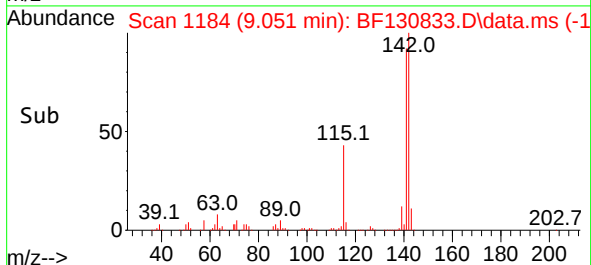
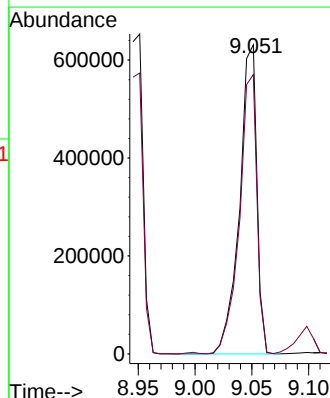
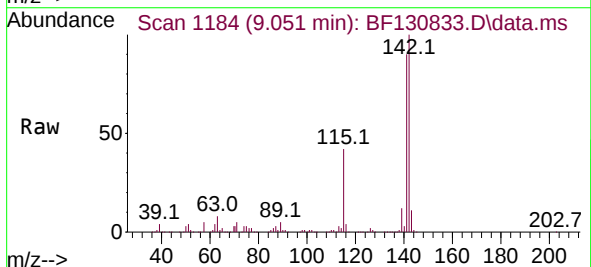
Acq: 28 Oct 2022 20:27

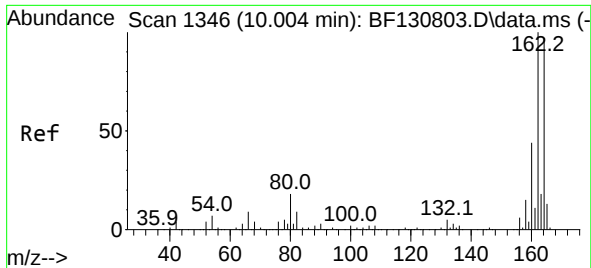
Tgt Ion:142 Resp: 670895

Ion Ratio Lower Upper

142 100

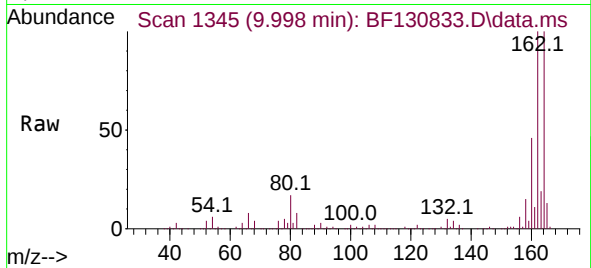
141 90.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

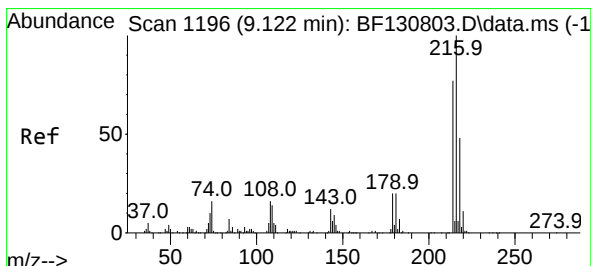
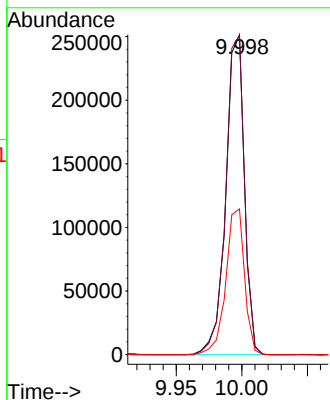
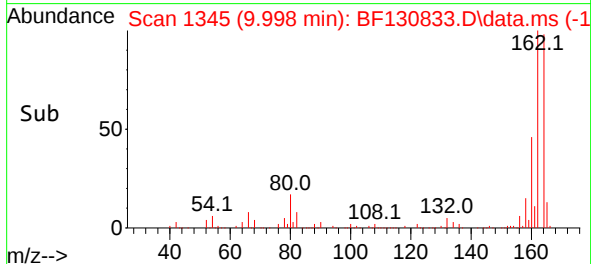
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



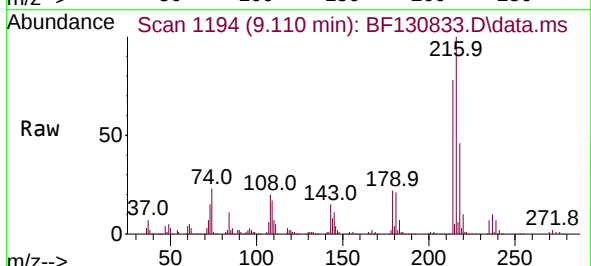
Tgt Ion:164 Resp: 247043
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 45.5 36.6 54.8

Manual Integrations
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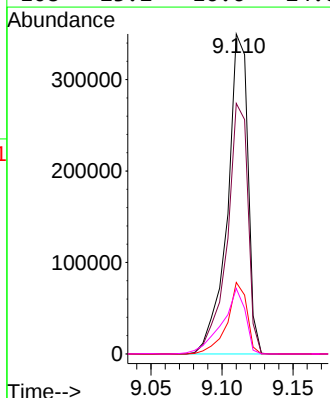
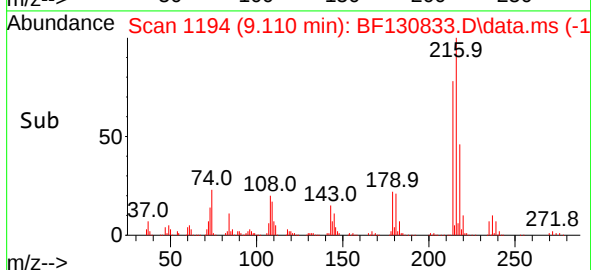
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

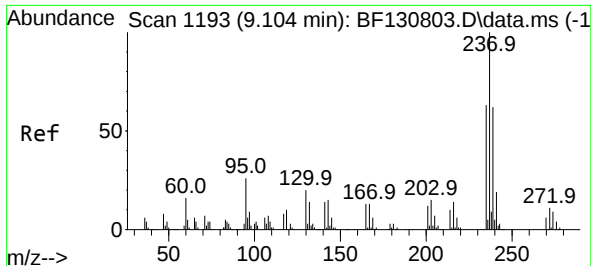


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.212 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



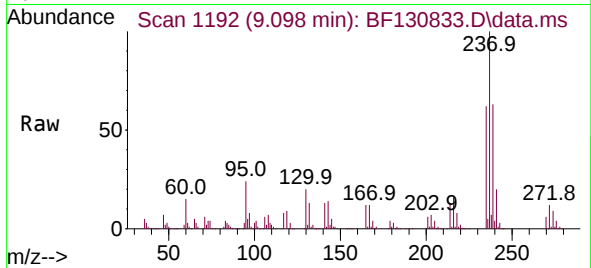
Tgt Ion:216 Resp: 351770
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 21.4 16.9 25.3
108 23.2 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 126.471 ng
RT: 9.098 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

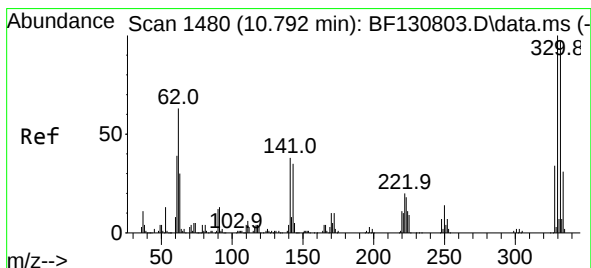
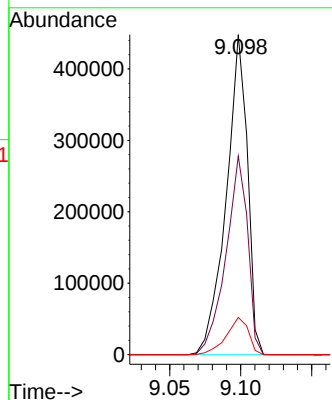
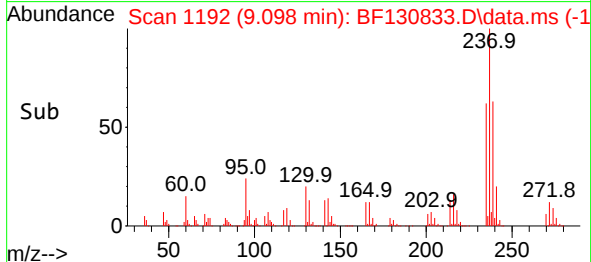
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



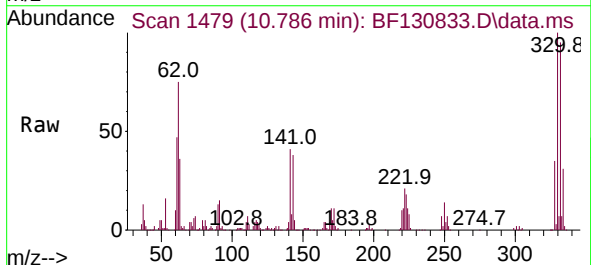
Tgt Ion: 237 Resp: 465536
Ion Ratio Lower Upper
237 100
235 62.0 43.5 83.5
272 11.6 0.0 31.4

Manual Integrations
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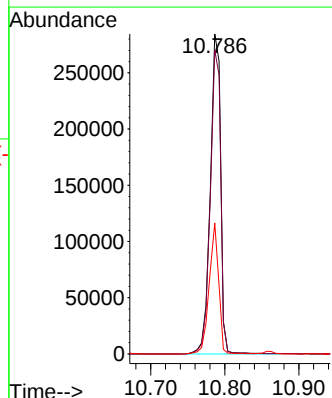
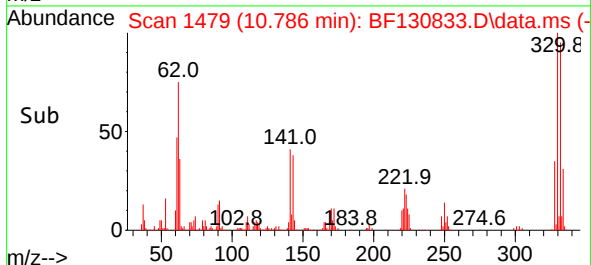
Reviewed By : Christian Giraldo 10/31/2022
Supervised By : Jagrut Upadhyay 11/01/2022

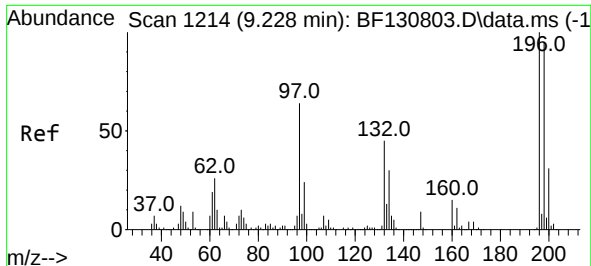


#42
2,4,6-Tribromophenol
Concen: 132.997 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



Tgt Ion: 330 Resp: 276582
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 37.5 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 50.784 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD

Tgt Ion:196 Resp: 247220

Ion Ratio Lower Upper

196 100

198 96.5 76.1 114.1

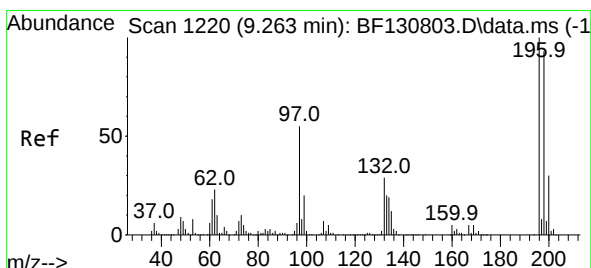
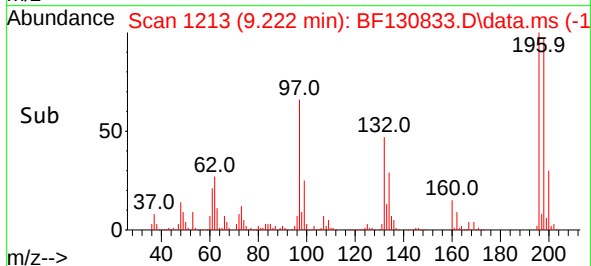
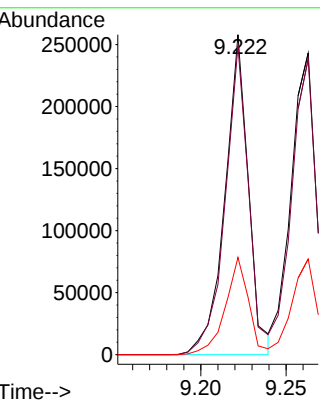
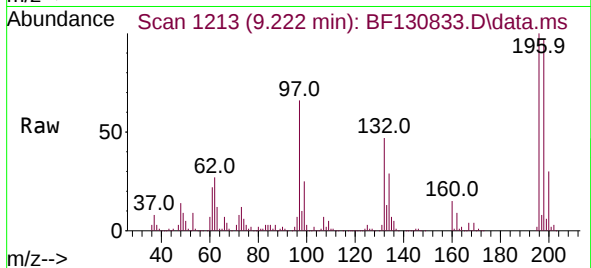
200 30.4 24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#44

2,4,5-Trichlorophenol

Concen: 47.555 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Tgt Ion:196 Resp: 247330

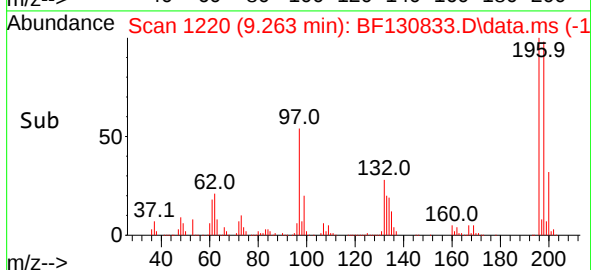
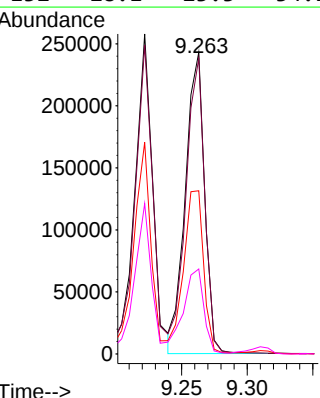
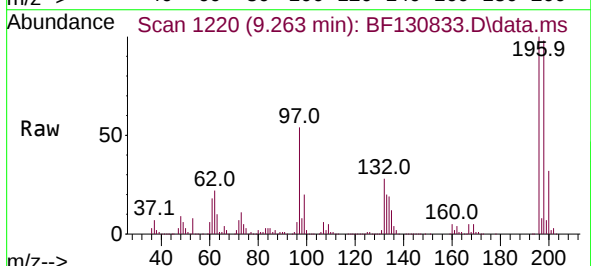
Ion Ratio Lower Upper

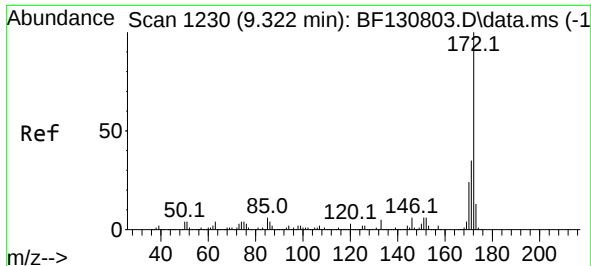
196 100

198 98.1 74.6 112.0

97 54.1 44.7 67.1

132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.443 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD

Tgt Ion:172 Resp: 1232746

Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

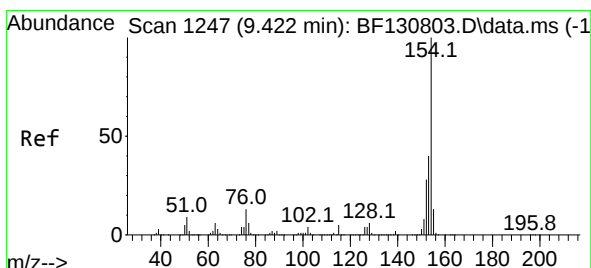
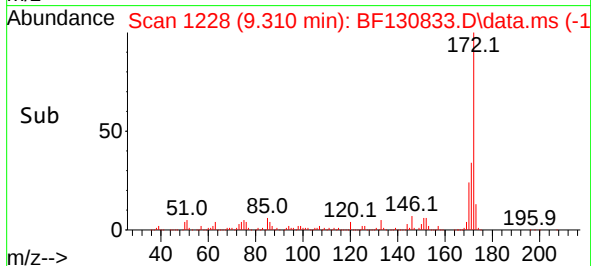
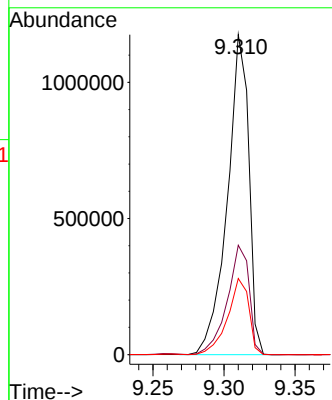
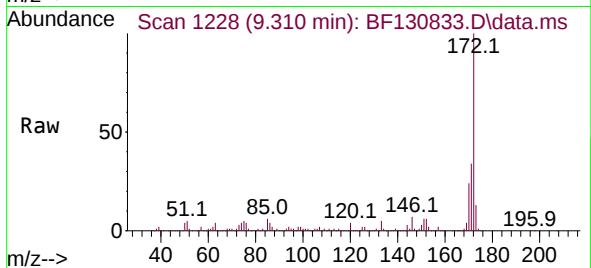
170 23.8 19.0 28.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/01/2022



#46

1,1'-Biphenyl

Concen: 49.528 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

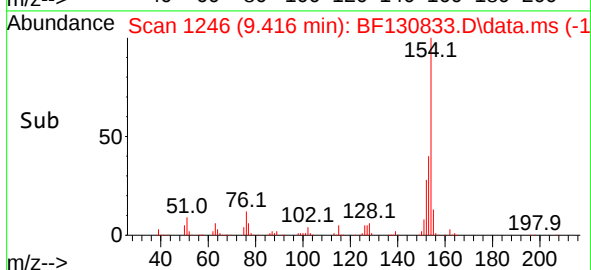
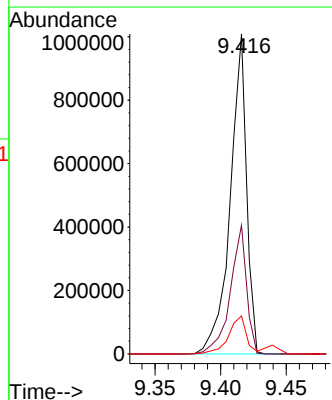
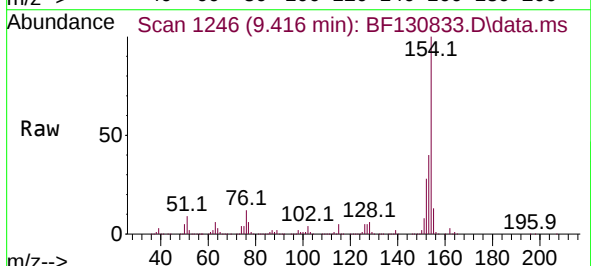
Tgt Ion:154 Resp: 871724

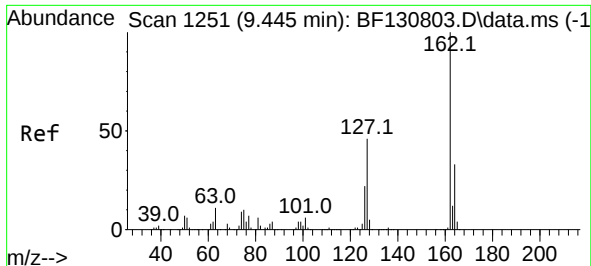
Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

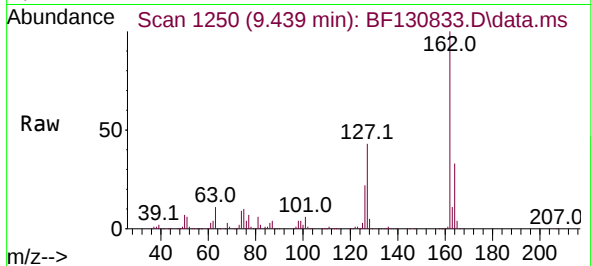
76 11.9 0.0 32.5





#47
2-Chloronaphthalene
Concen: 47.863 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

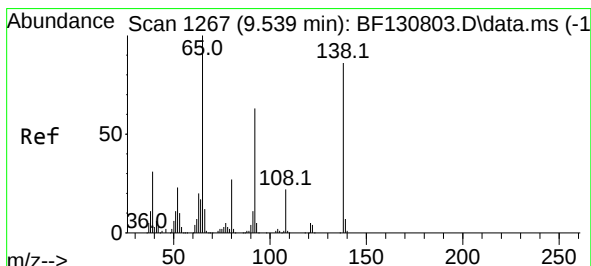
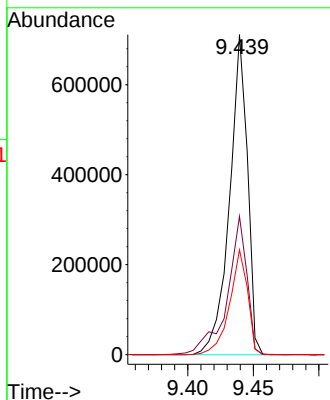
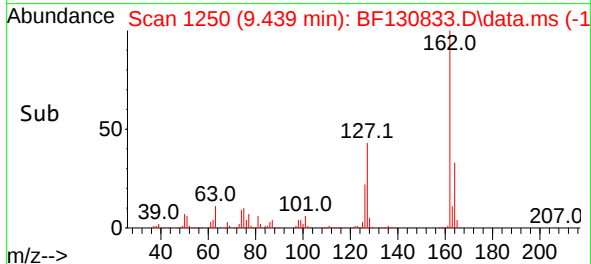
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:162 Resp: 675503
Ion Ratio Lower Upper
162 100
127 43.2 36.6 54.8
164 32.7 26.5 39.7

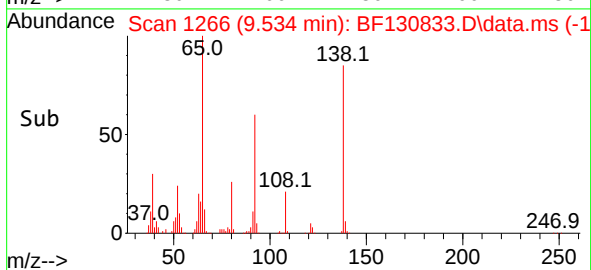
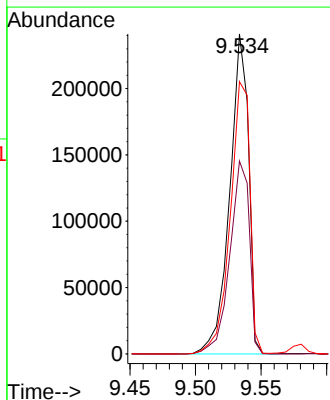
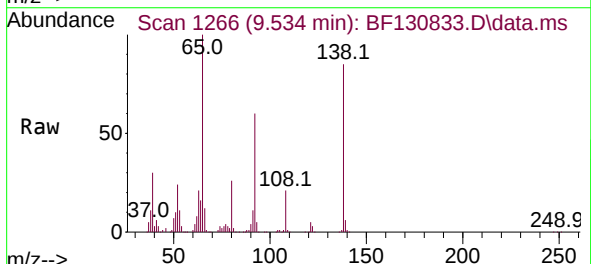
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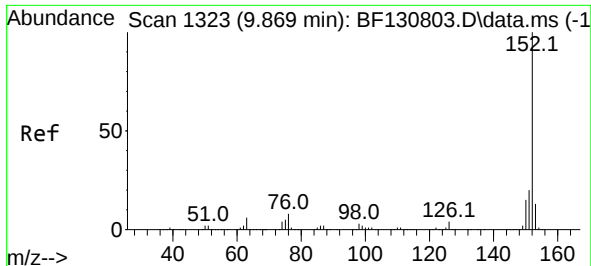
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 52.683 ng
RT: 9.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion: 65 Resp: 241093
Ion Ratio Lower Upper
65 100
92 60.3 50.1 75.1
138 85.1 69.2 103.8





#49

Acenaphthylene

Concen: 46.887 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF130833.D

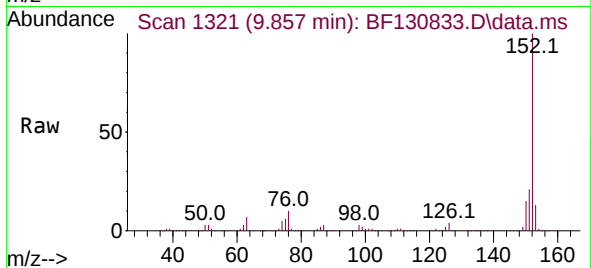
Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD



Tgt Ion:152 Resp: 1045702

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

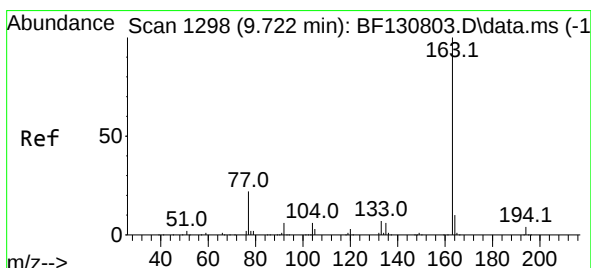
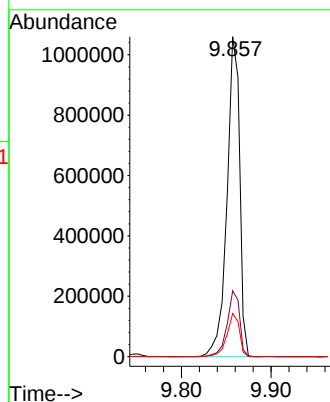
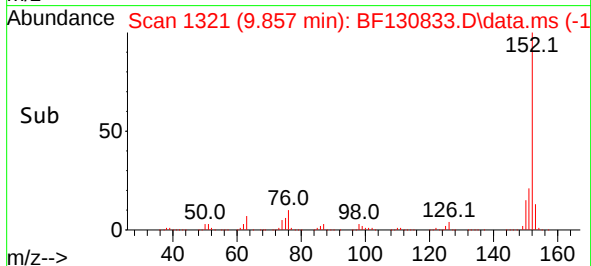
153 13.5 10.2 15.4

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#50

Dimethylphthalate

Concen: 46.709 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

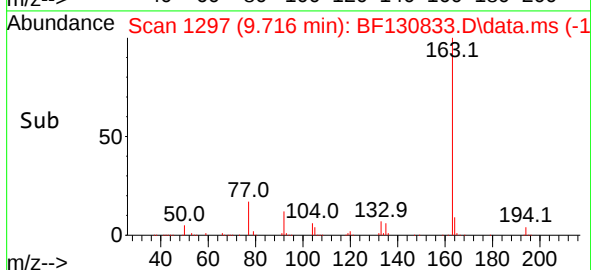
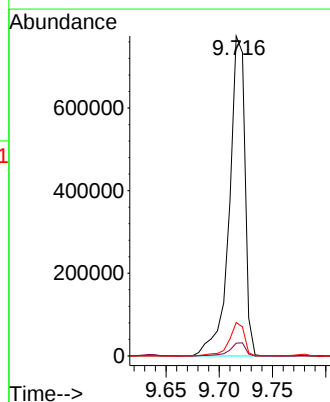
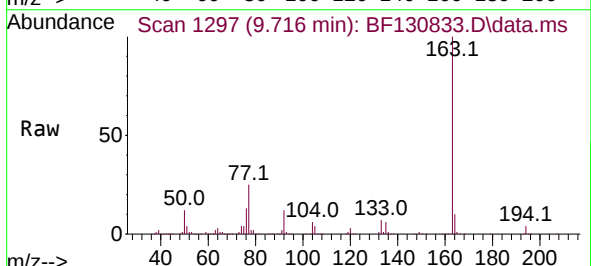
Tgt Ion:163 Resp: 792566

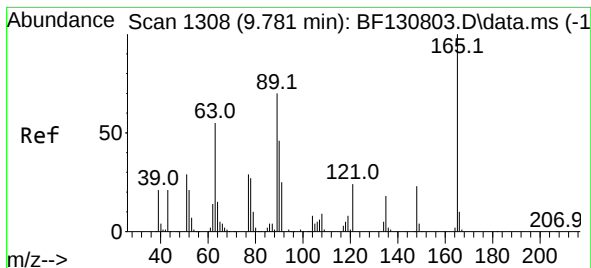
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

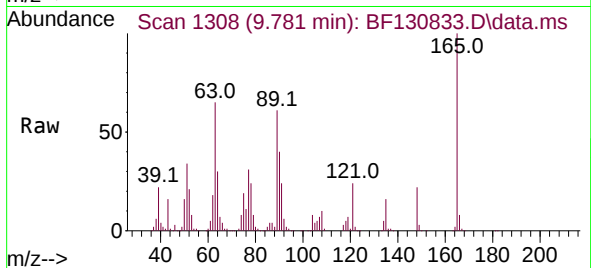
164 10.4 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.946 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

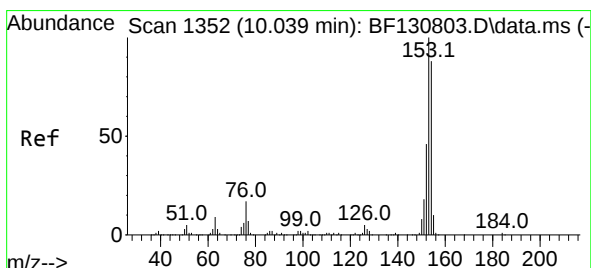
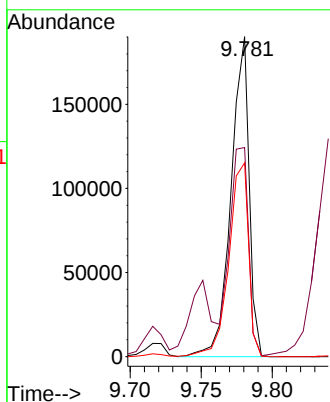
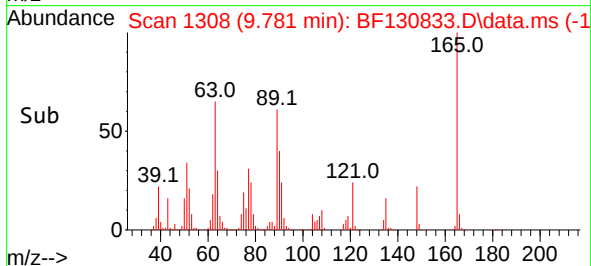
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



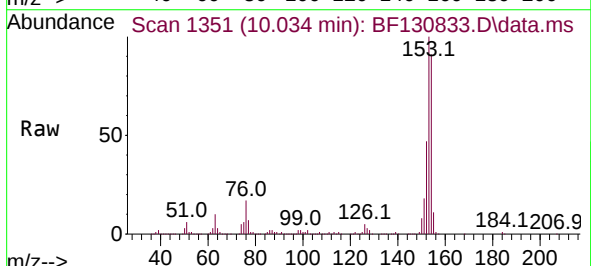
Tgt Ion:165 Resp: 168342
Ion Ratio Lower Upper
165 100
63 65.3 61.8 92.8
89 60.5 56.2 84.4

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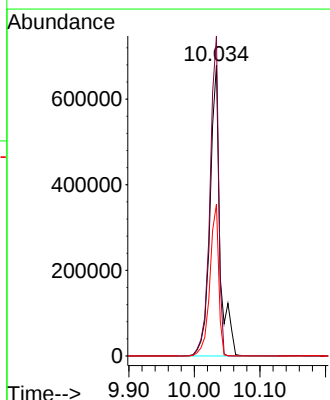
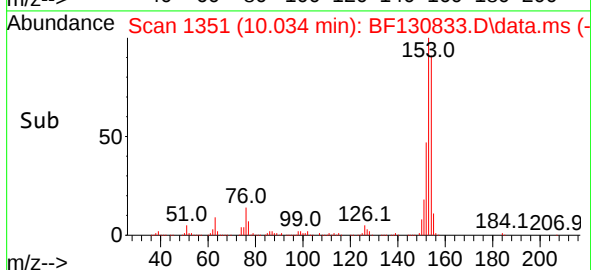
Reviewed By :Christian Giraldo 10/31/2022
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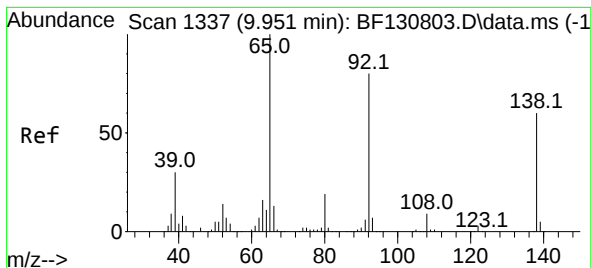


#52
Acenaphthene
Concen: 52.200 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



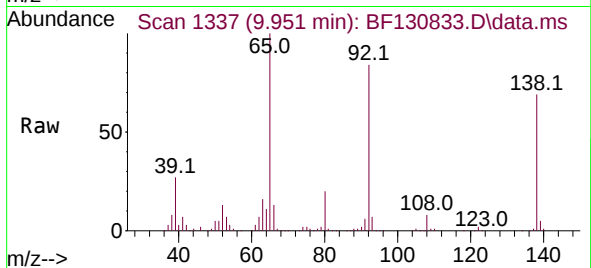
Tgt Ion:154 Resp: 719883
Ion Ratio Lower Upper
154 100
153 110.1 90.5 135.7
152 52.2 42.0 63.0





#53
3-Nitroaniline
Concen: 43.366 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

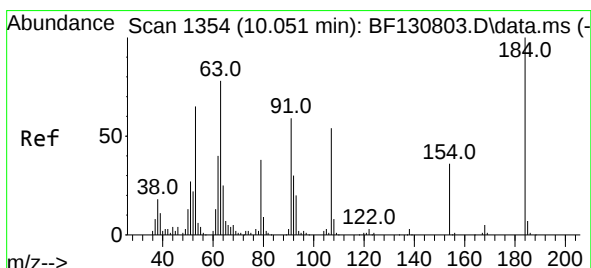
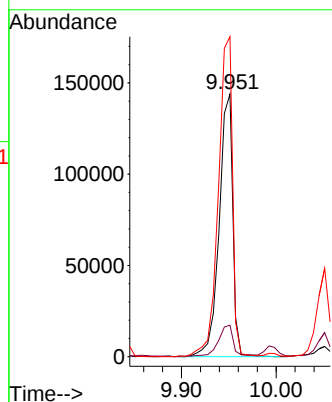
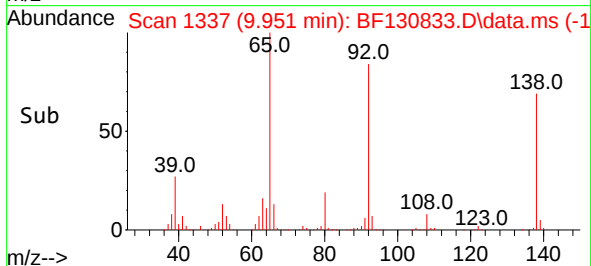
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:138 Resp: 143327
Ion Ratio Lower Upper
138 100
108 12.0 12.7 19.1
92 121.9 107.8 161.8

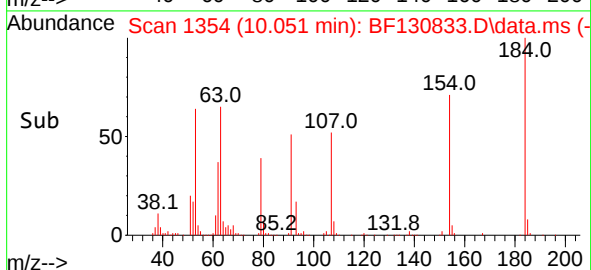
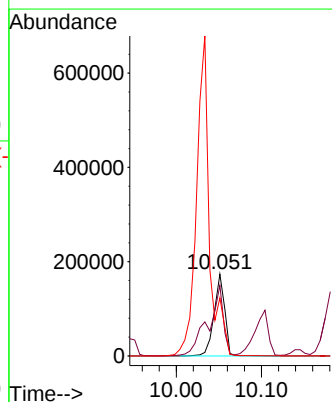
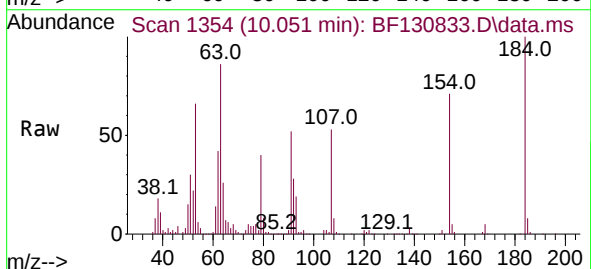
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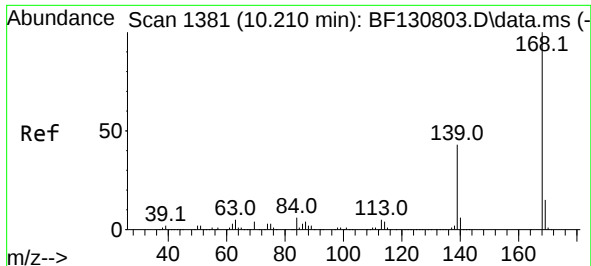
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 91.314 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

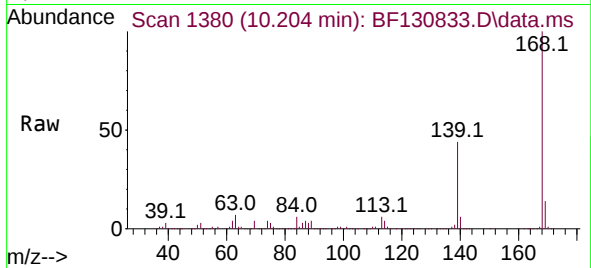
Tgt Ion:184 Resp: 150578
Ion Ratio Lower Upper
184 100
63 86.3 66.7 100.1
154 71.0 62.2 93.2





#55
Dibenzofuran
Concen: 45.866 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

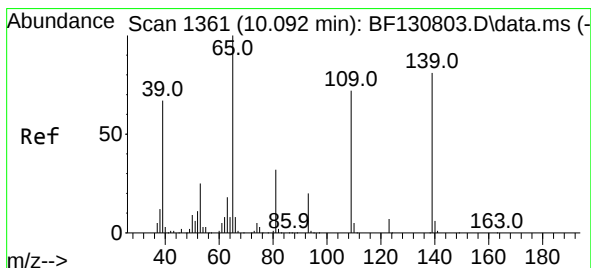
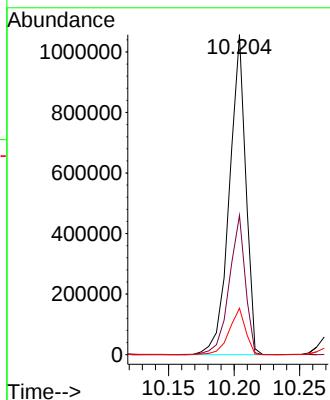
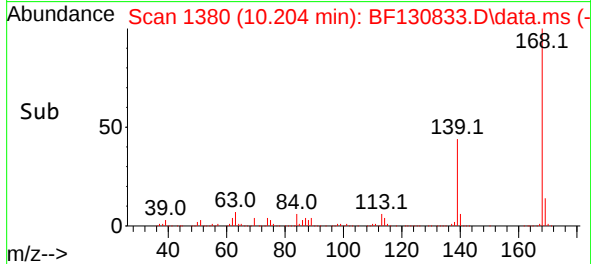
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:168 Resp: 91683
Ion Ratio Lower Upper
168 100
139 43.5 34.3 51.5
169 14.5 11.9 17.9

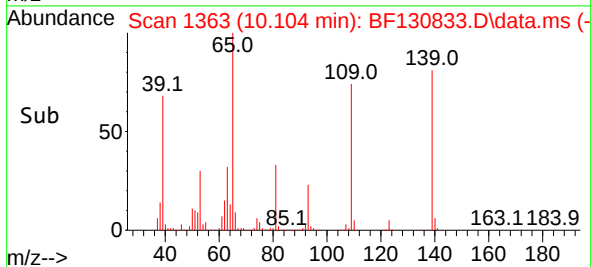
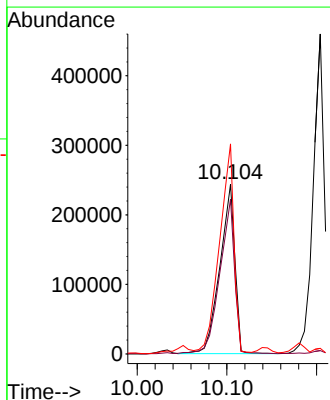
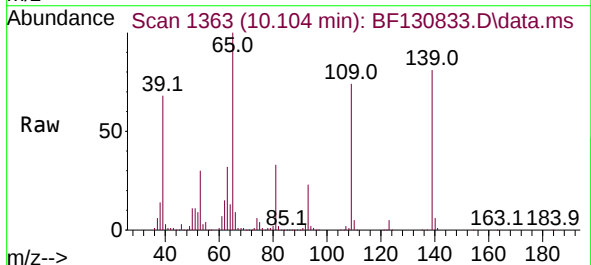
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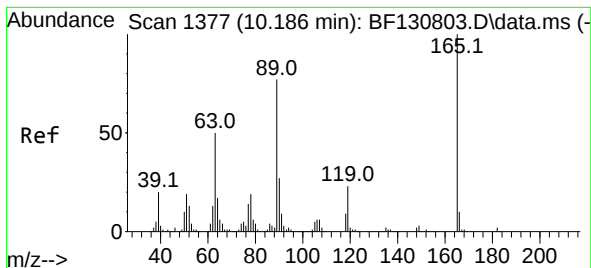
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 108.577 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

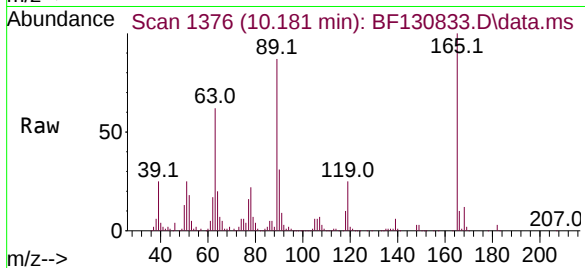
Tgt Ion:139 Resp: 284138
Ion Ratio Lower Upper
139 100
109 91.2 69.3 109.3
65 123.7 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 53.826 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

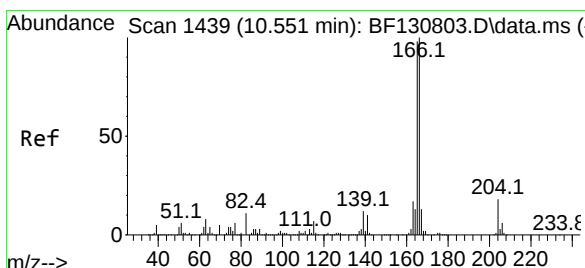
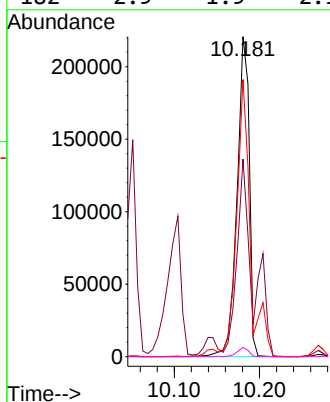
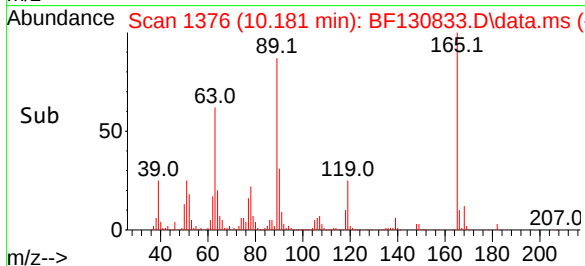
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



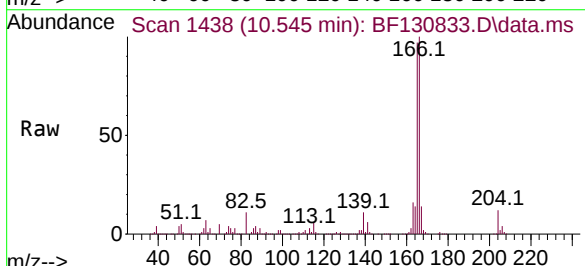
Tgt Ion:165 Resp: 220116
Ion Ratio Lower Upper
165 100
63 61.7 39.8 59.6
89 86.6 61.9 92.9
182 2.9 1.9 2.9

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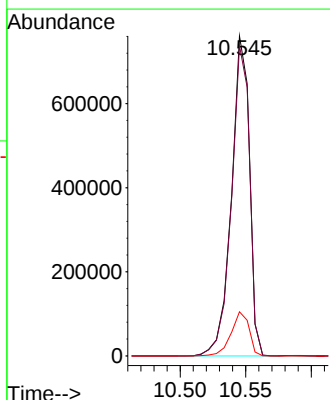
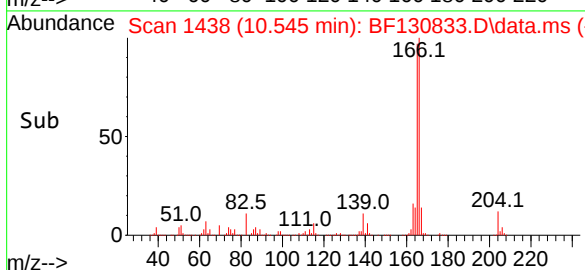
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

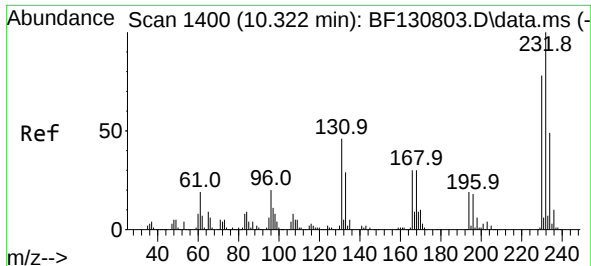


#58
Fluorene
Concen: 46.196 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



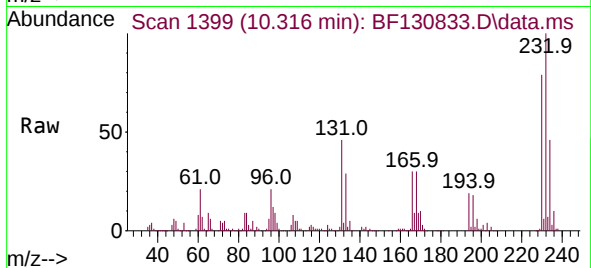
Tgt Ion:166 Resp: 727127
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.839 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

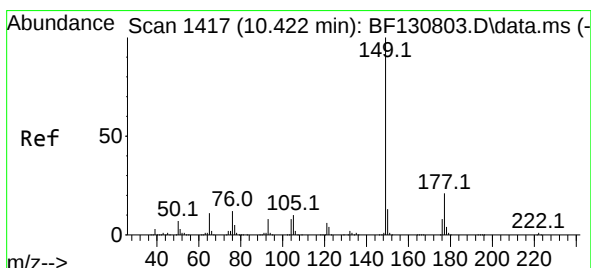
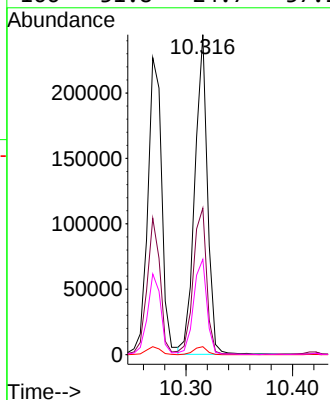
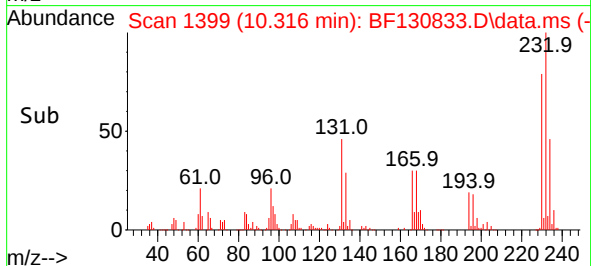
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



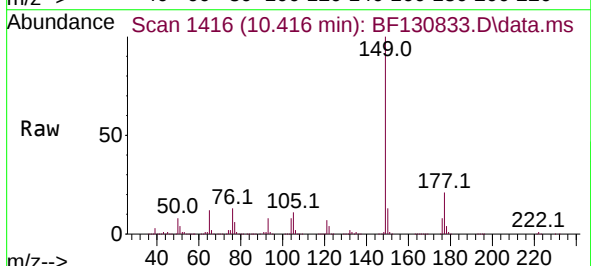
Tgt Ion:232 Resp: 200841
Ion Ratio Lower Upper
232 100
131 49.1 39.6 59.4
130 2.6 2.1 3.1
166 31.8 24.7 37.1

Manual Integrations
APPROVED

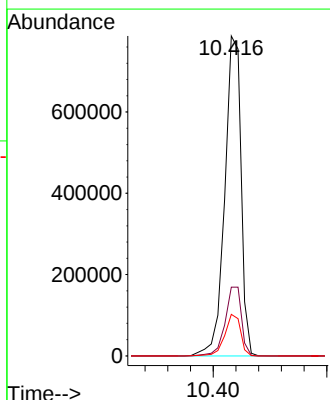
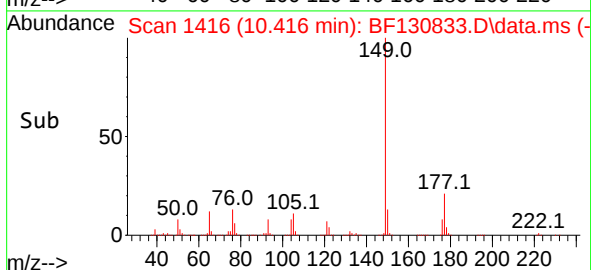
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

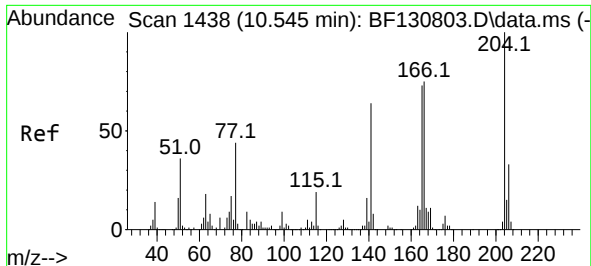


#60
Diethylphthalate
Concen: 47.009 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



Tgt Ion:149 Resp: 784474
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 13.0 10.8 16.2





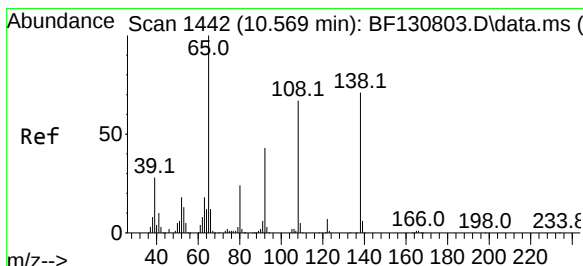
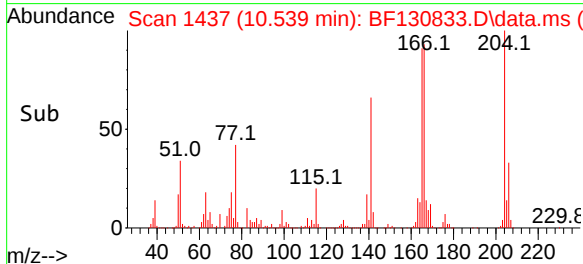
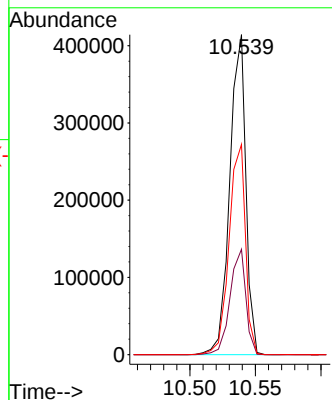
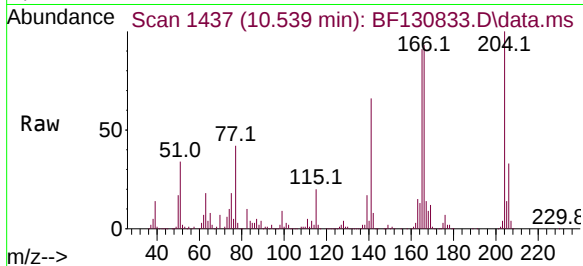
#61
4-Chlorophenyl-phenylether
Concen: 47.011 ng
RT: 10.539 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion:204 Resp: 353984
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 65.7 51.3 76.9

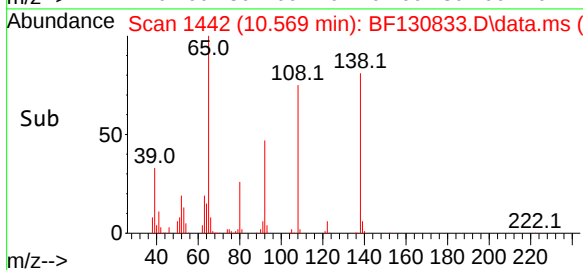
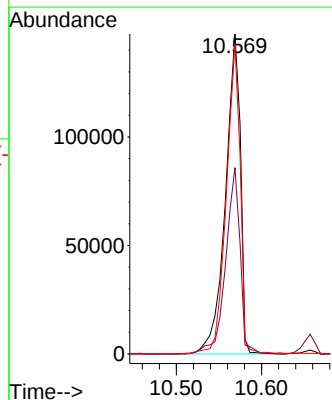
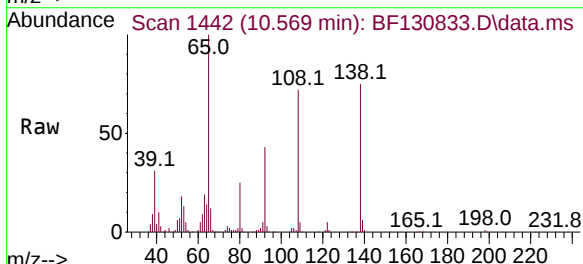
Manual Integrations
APPROVED

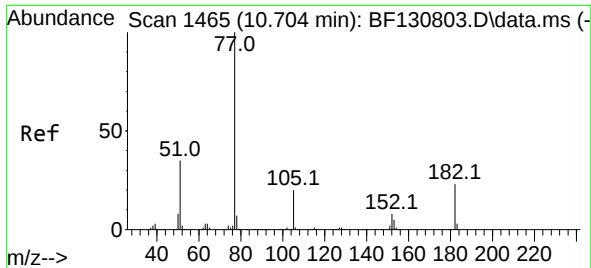
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 53.739 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

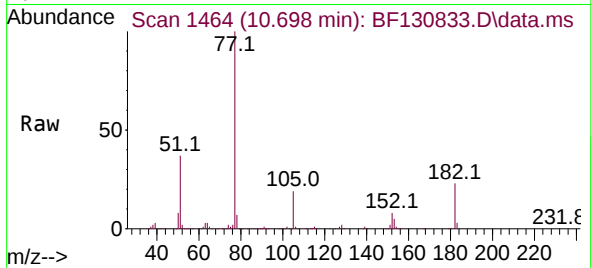
Tgt Ion:138 Resp: 179846
Ion Ratio Lower Upper
138 100
92 58.2 40.6 80.6
108 96.9 74.7 114.7





#63
Azobenzene
Concen: 46.718 ng
RT: 10.698 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

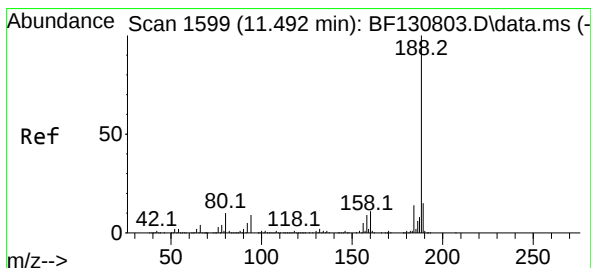
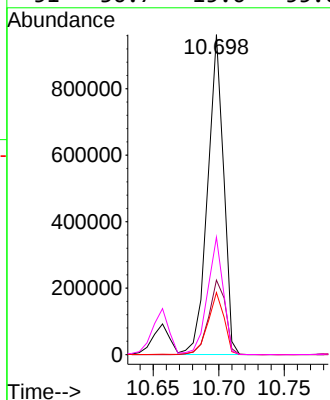
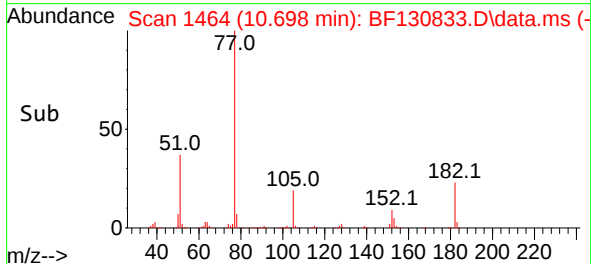
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion: 77 Resp: 81383
Ion Ratio Lower Upper
77 100
182 23.3 2.6 42.6
105 19.4 0.0 40.0
51 36.7 15.6 55.6

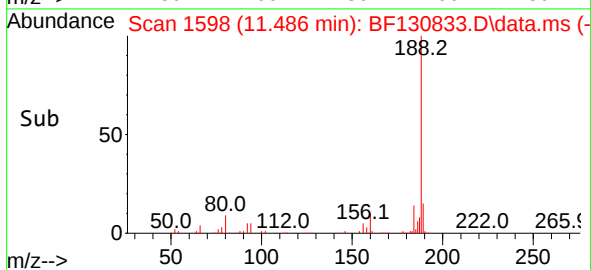
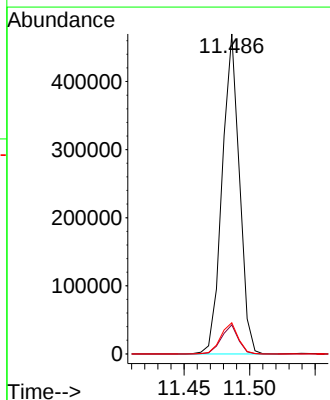
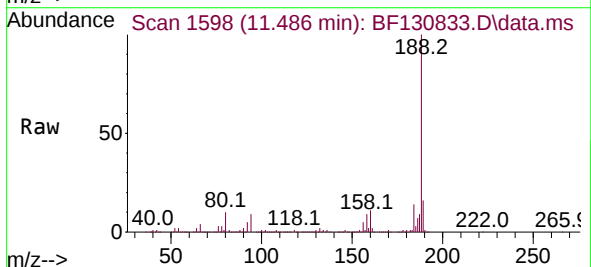
Manual Integrations
APPROVED

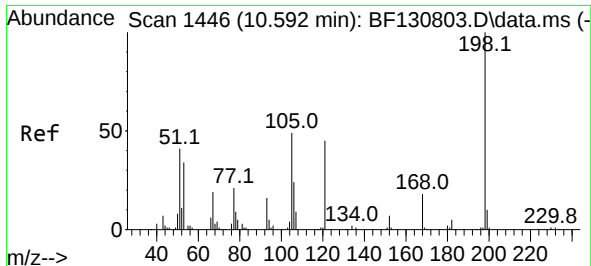
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

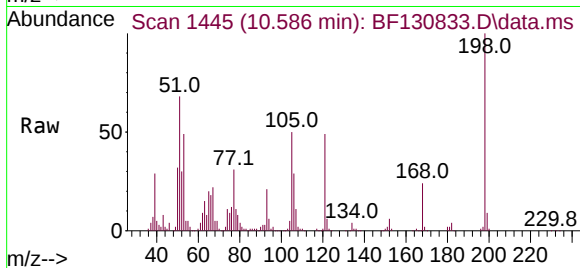
Tgt Ion:188 Resp: 430438
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 54.414 ng
RT: 10.586 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

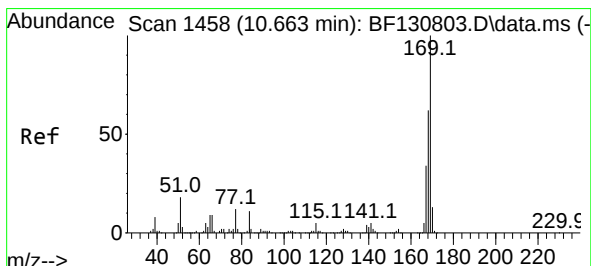
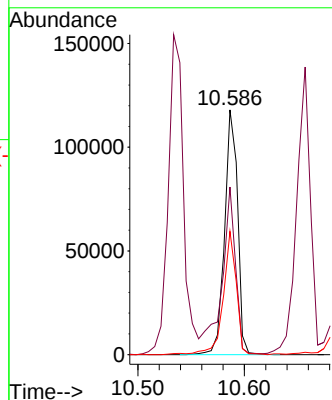
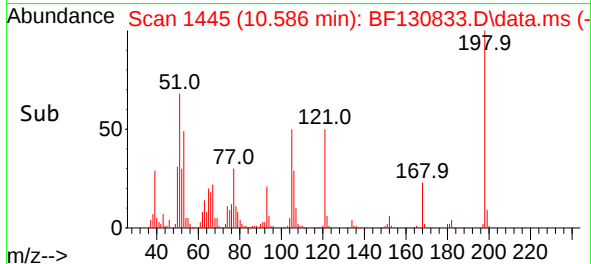
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



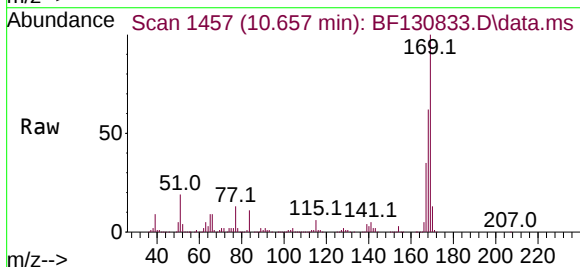
Tgt Ion:198 Resp: 100170
Ion Ratio Lower Upper
198 100
51 68.5 39.0 79.0
105 50.4 30.6 70.6

Manual Integrations
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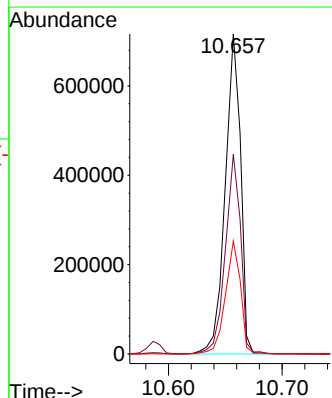
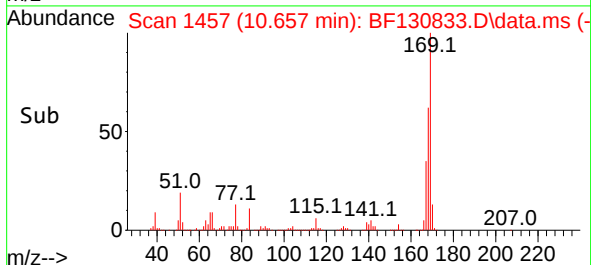
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

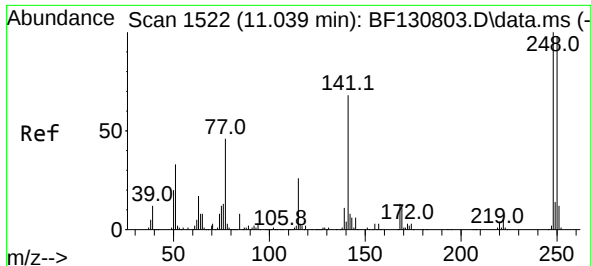


#66
n-Nitrosodiphenylamine
Concen: 50.055 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



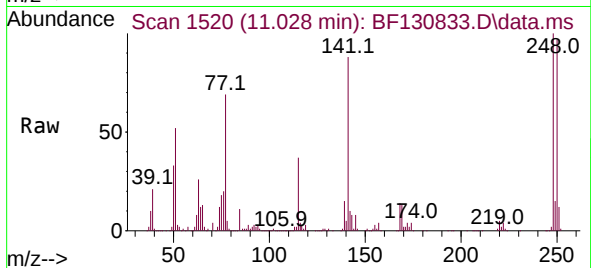
Tgt Ion:169 Resp: 672041
Ion Ratio Lower Upper
169 100
168 62.4 49.4 74.0
167 35.3 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 52.704 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

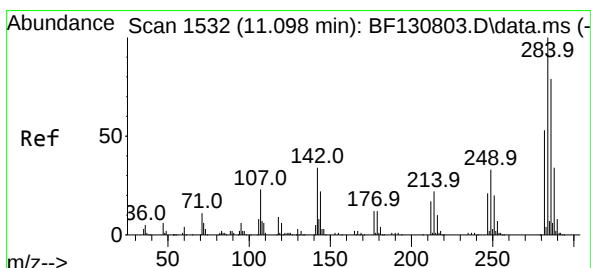
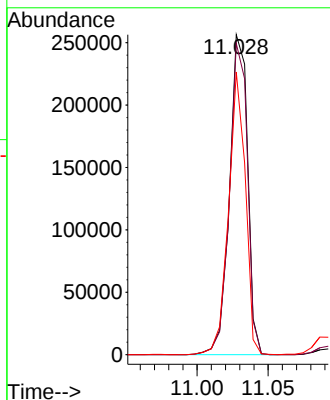
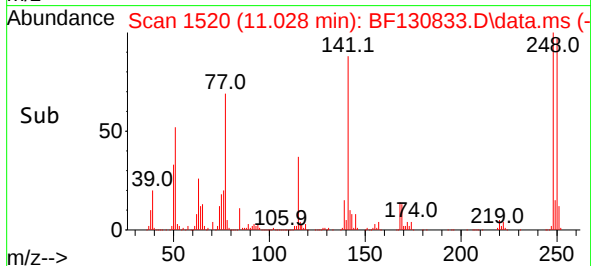
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



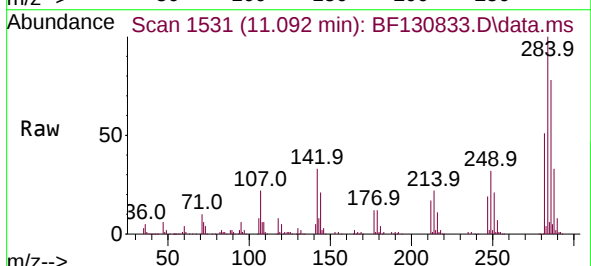
Tgt Ion:248 Resp: 228144
Ion Ratio Lower Upper
248 100
250 97.2 78.6 117.8
141 88.3 54.2 81.4

Manual Integrations
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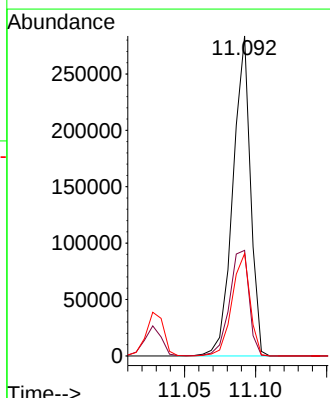
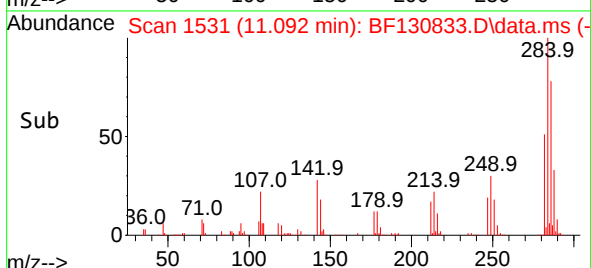
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

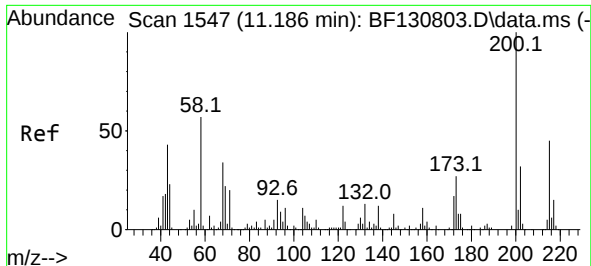


#68
Hexachlorobenzene
Concen: 50.957 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



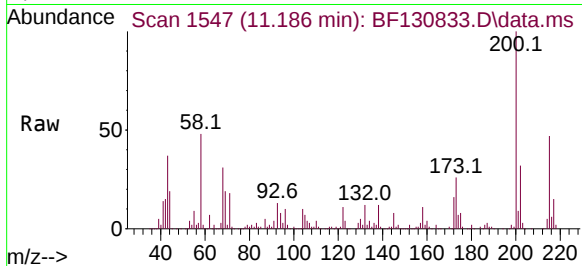
Tgt Ion:284 Resp: 243031
Ion Ratio Lower Upper
284 100
142 33.0 27.1 40.7
249 32.0 26.6 39.8





#69
 Atrazine
 Concen: 56.714 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27

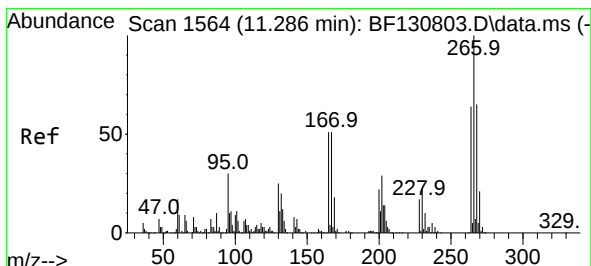
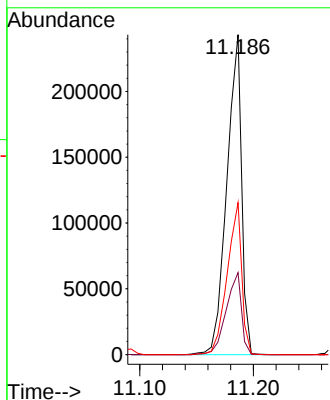
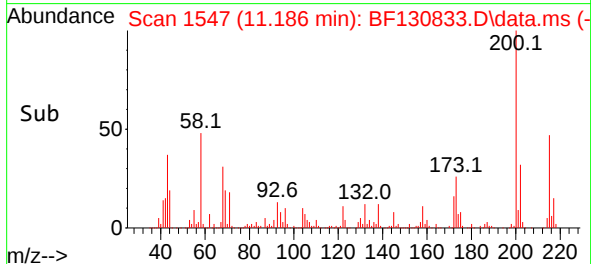
Instrument :
 BNA_F
 ClientSampleId :
 SB-12MSD



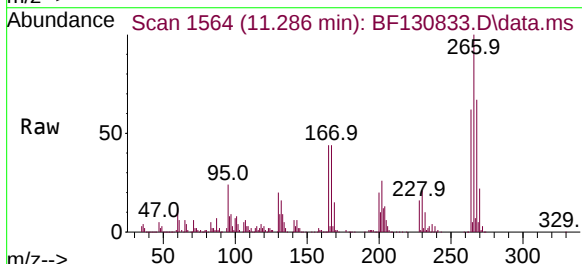
Tgt Ion:200 Resp: 219898
 Ion Ratio Lower Upper
 200 100
 173 25.6 7.1 47.1
 215 47.5 25.4 65.4

Manual Integrations
 APPROVED

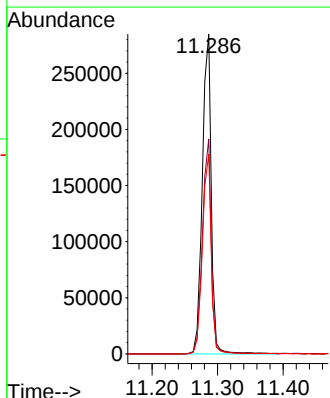
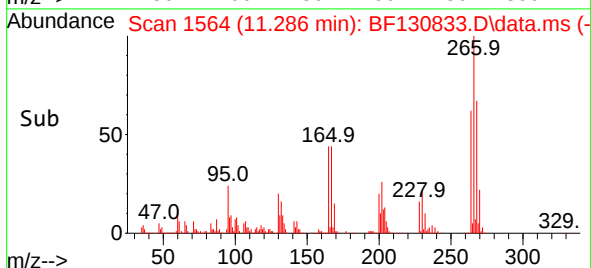
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

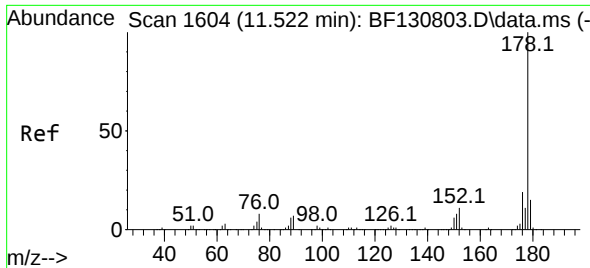


#70
 Pentachlorophenol
 Concen: 98.310 ng
 RT: 11.286 min Scan# 1564
 Delta R.T. 0.006 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27



Tgt Ion:266 Resp: 267553
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.8 77.6
 264 62.4 51.6 77.4





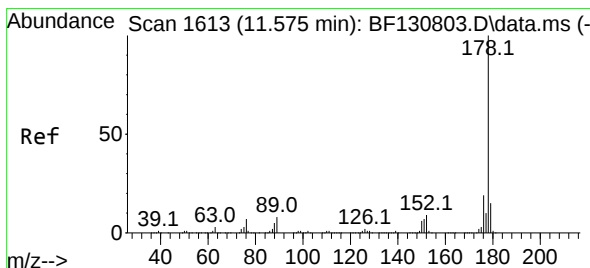
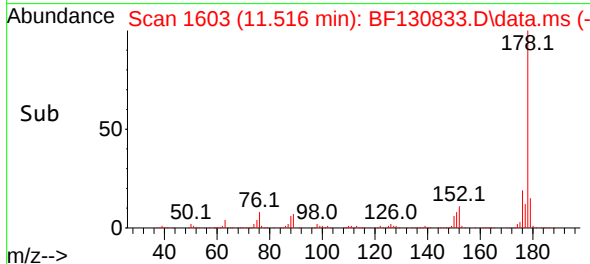
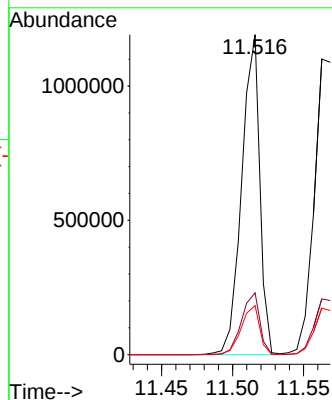
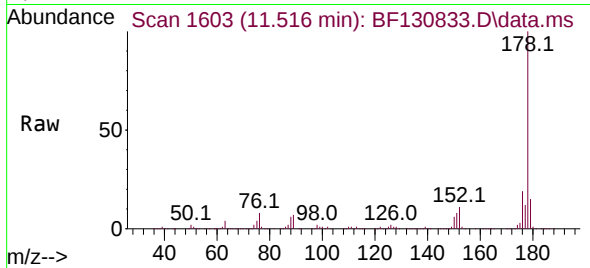
#71
Phenanthrene
Concen: 47.312 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion:178 Resp: 1051090
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.3 12.2 18.2

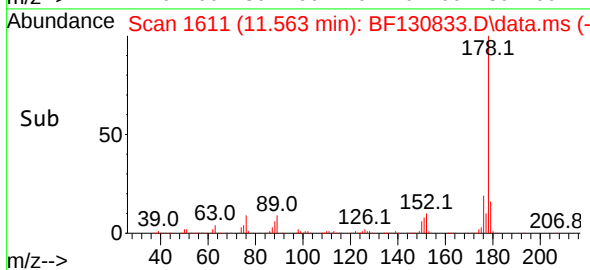
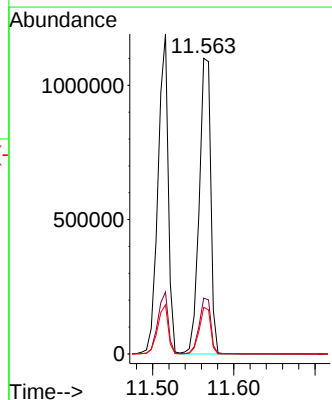
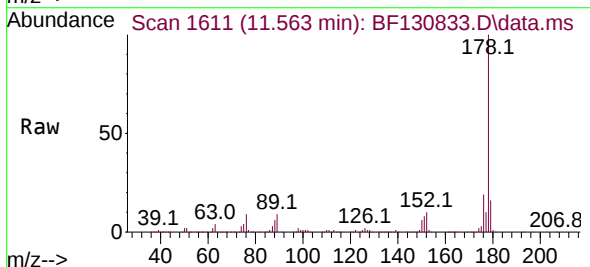
Manual Integrations
APPROVED

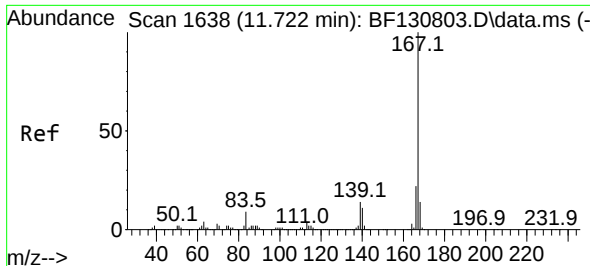
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 49.179 ng
RT: 11.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

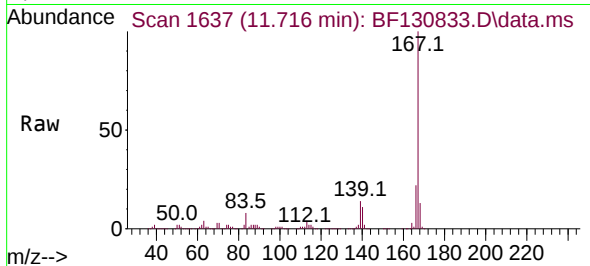
Tgt Ion:178 Resp: 1077644
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 47.928 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27

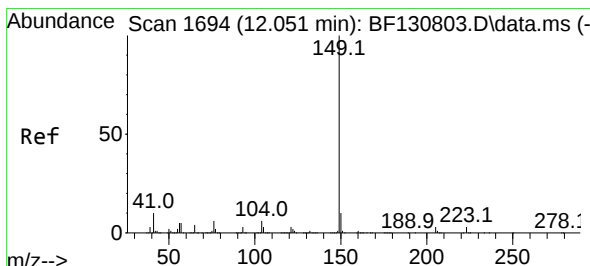
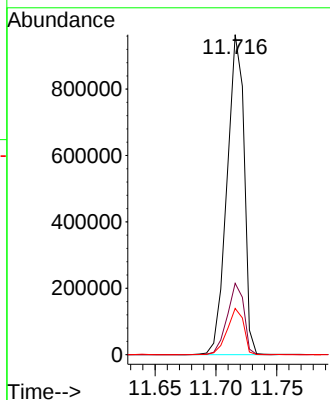
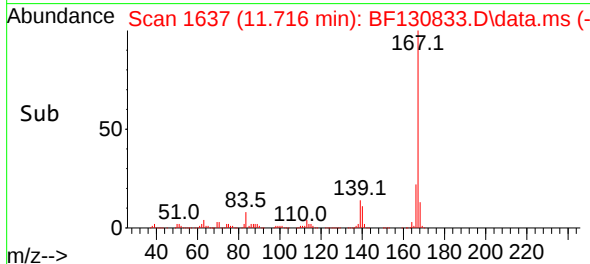
Instrument :
 BNA_F
 ClientSampleId :
 SB-12MSD



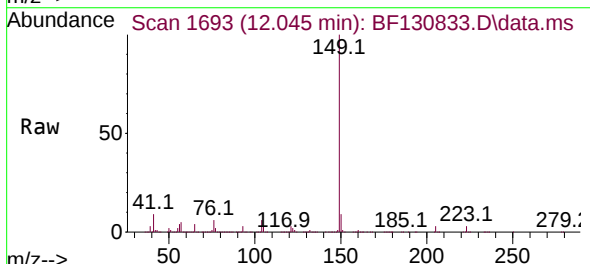
Tgt Ion:167 Resp: 940523
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 14.4 11.3 16.9

Manual Integrations
 APPROVED

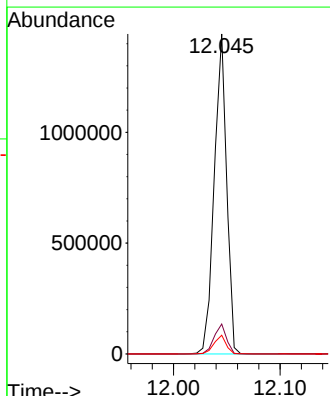
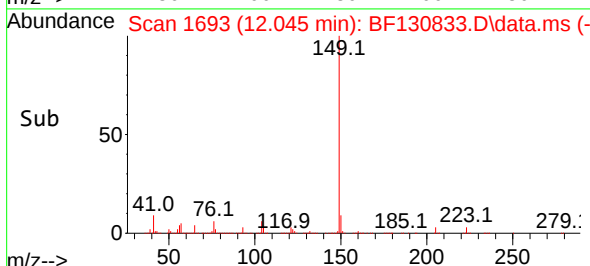
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

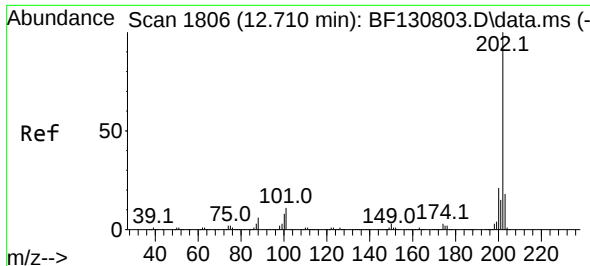


#74
 Di-n-butylphthalate
 Concen: 48.878 ng
 RT: 12.045 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BF130833.D
 Acq: 28 Oct 2022 20:27



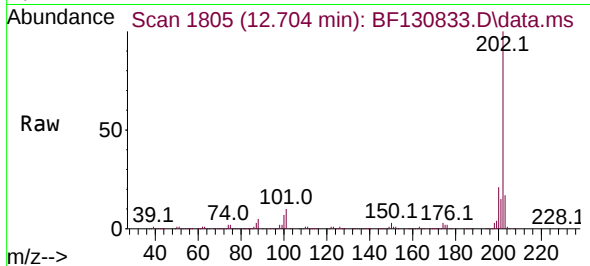
Tgt Ion:149 Resp: 1164886
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 45.057 ng
RT: 12.704 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

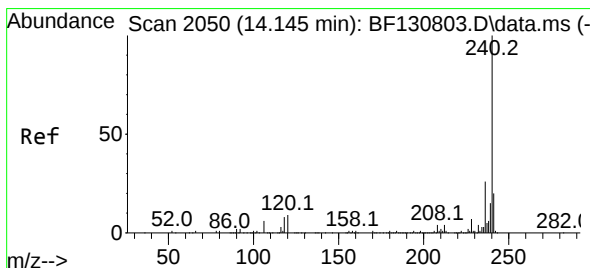
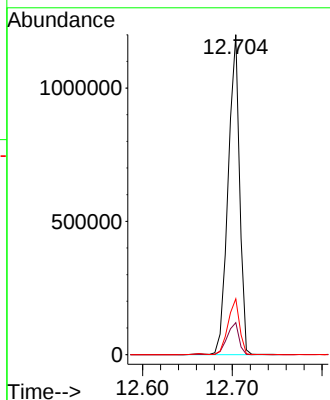
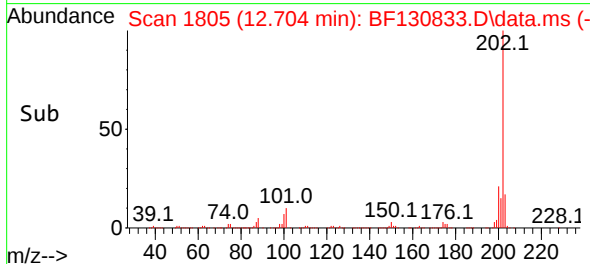
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



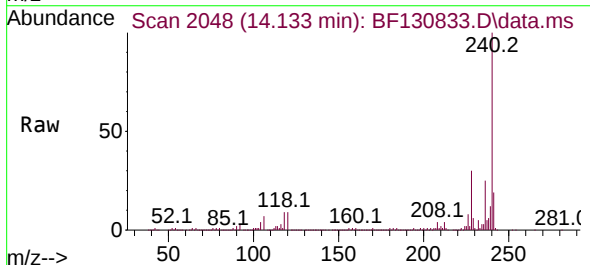
Tgt Ion:202 Resp: 1063549
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.9
203 17.4 0.0 37.7

Manual Integrations
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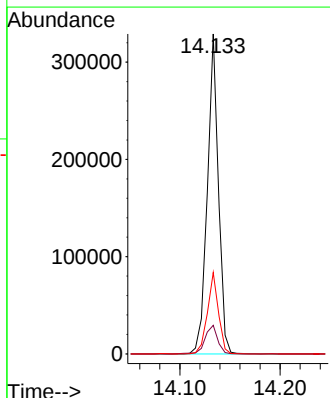
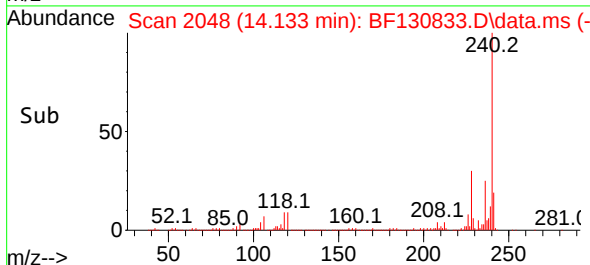
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

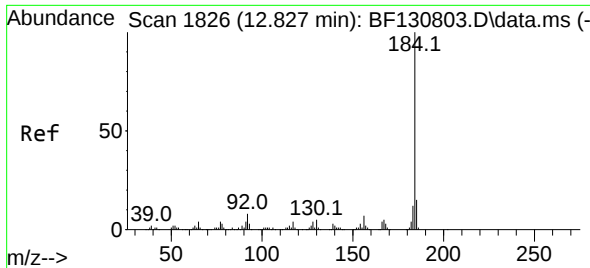


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



Tgt Ion:240 Resp: 251044
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.4
236 25.4 20.5 30.7





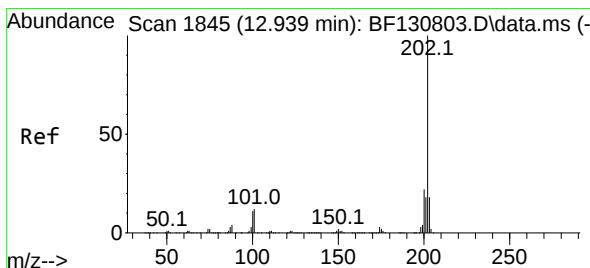
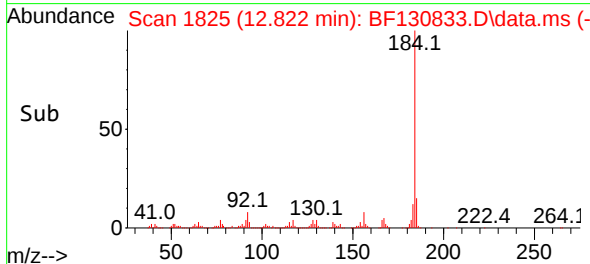
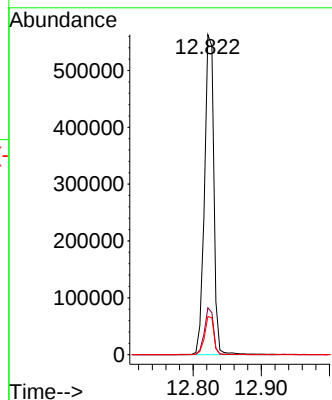
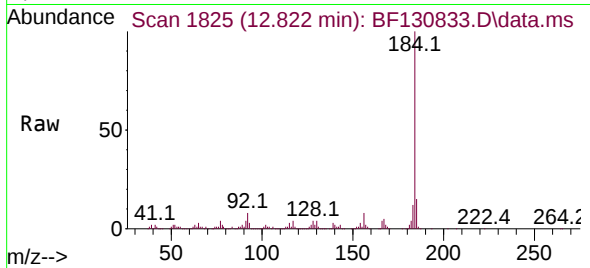
#77
Benzidine
Concen: 88.207 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :
BNA_F
ClientSampleId :
SB-12MSD

Tgt Ion:184 Resp: 537538
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.9 9.7 14.5

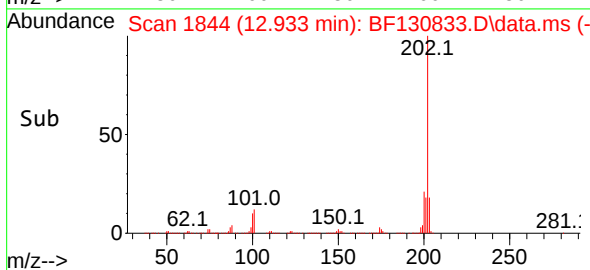
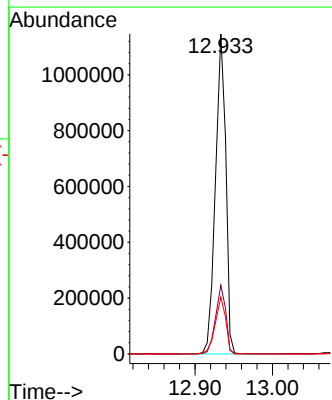
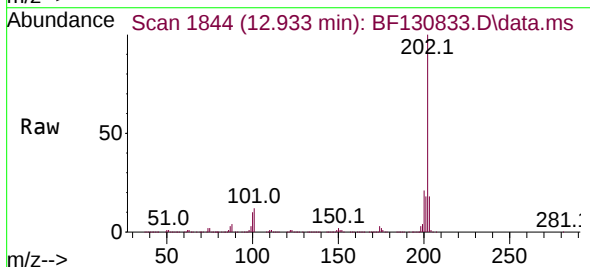
Manual Integrations
APPROVED

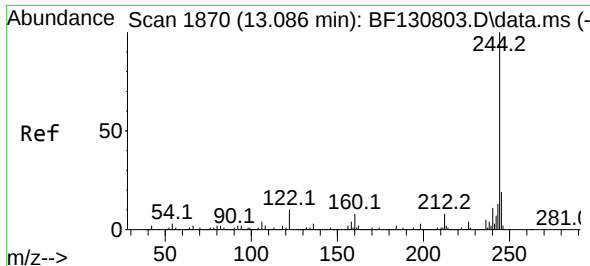
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#78
Pyrene
Concen: 50.133 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

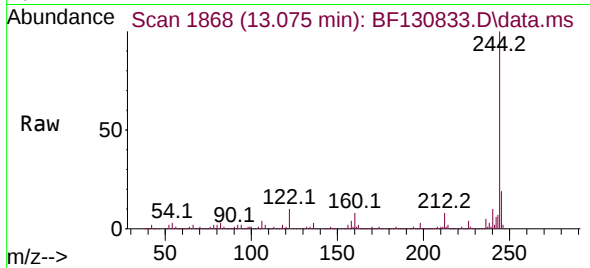
Tgt Ion:202 Resp: 1061828
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.8 14.5 21.7





#79
Terphenyl-d14
Concen: 87.355 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

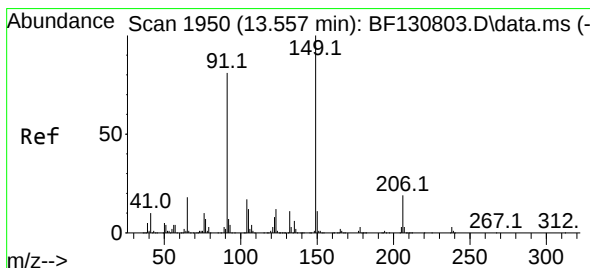
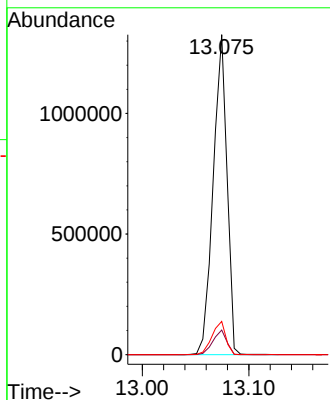
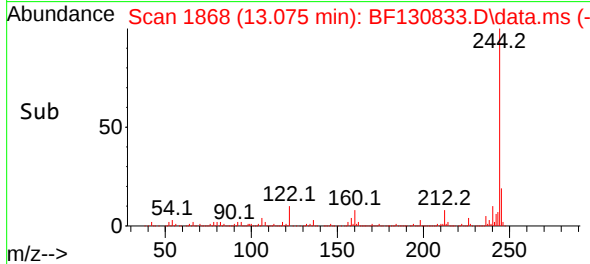
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:244 Resp: 1196760
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.4 7.9 11.9

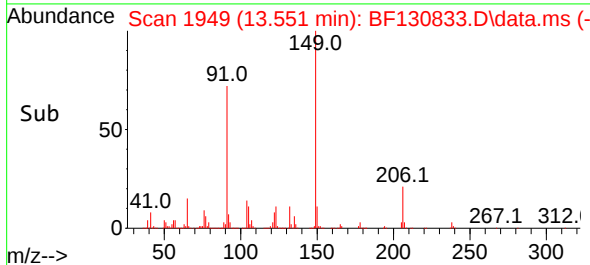
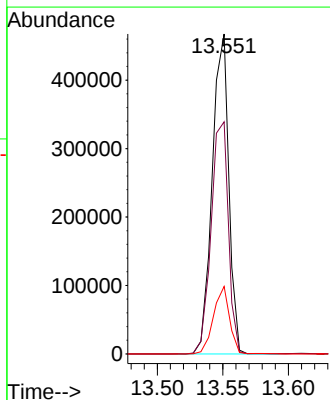
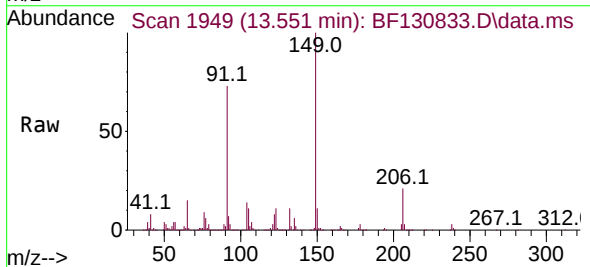
Manual Integrations
APPROVED

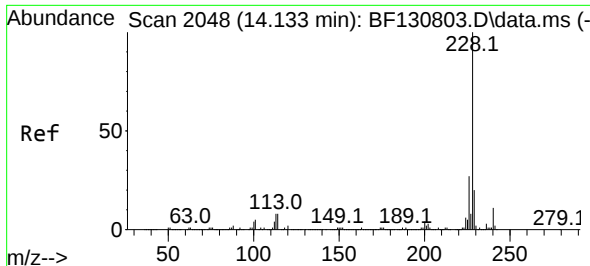
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#80
Butylbenzylphthalate
Concen: 53.843 ng
RT: 13.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

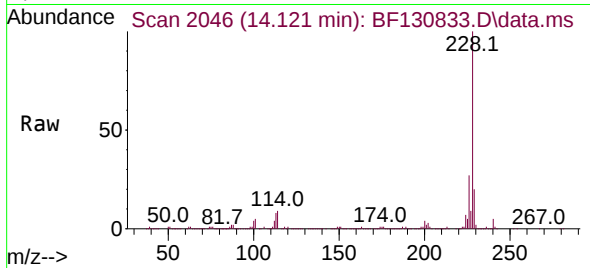
Tgt Ion:149 Resp: 410286
Ion Ratio Lower Upper
149 100
91 72.5 64.5 96.7
206 21.1 15.3 22.9





#81
Benzo(a)anthracene
Concen: 47.672 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

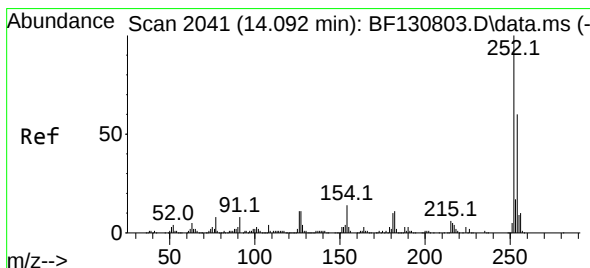
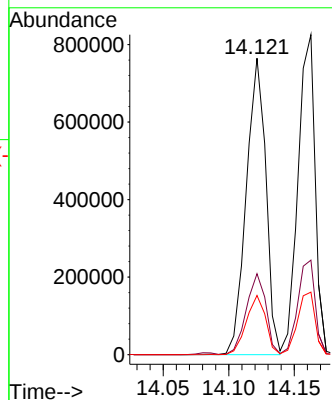
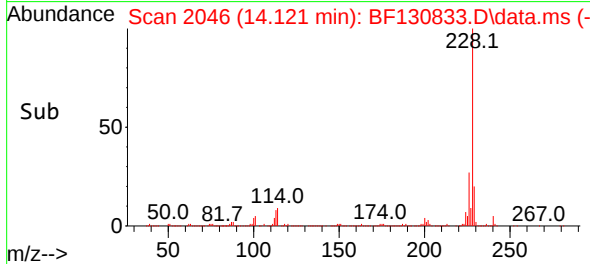
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



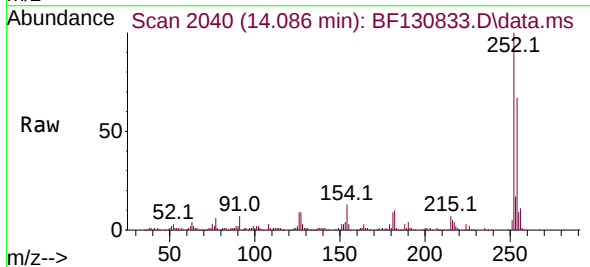
Tgt Ion:228 Resp: 793461
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.9 15.8 23.6

Manual Integrations
APPROVED

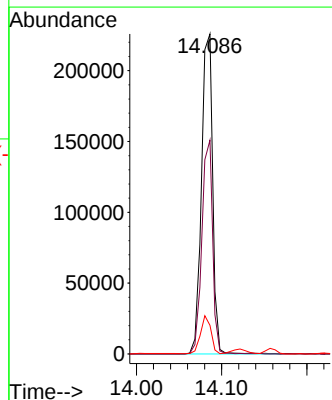
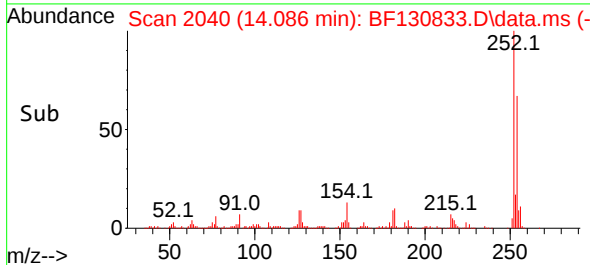
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

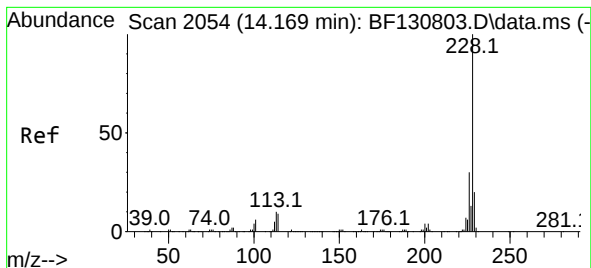


#82
3,3'-Dichlorobenzidine
Concen: 45.653 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27



Tgt Ion:252 Resp: 205081
Ion Ratio Lower Upper
252 100
254 66.8 47.8 71.6
126 8.9 9.0 13.6





#83

Chrysene

Concen: 46.885 ng

RT: 14.163 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

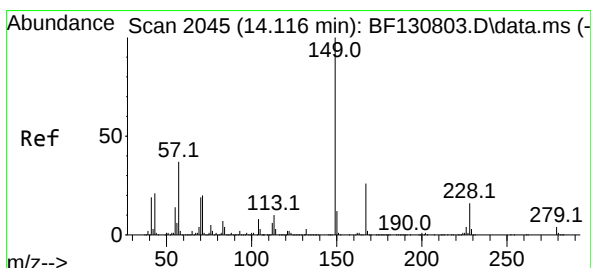
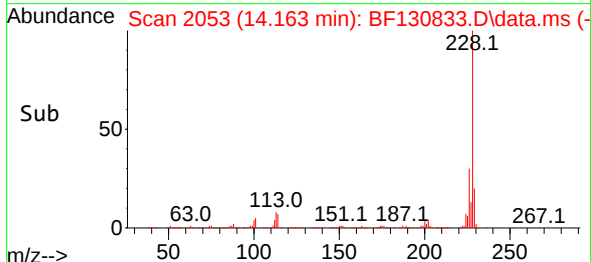
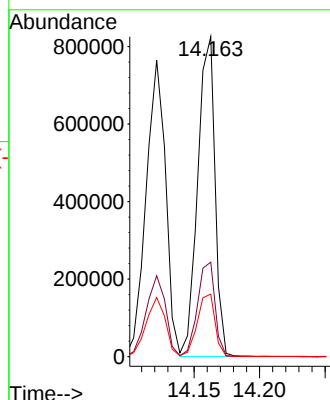
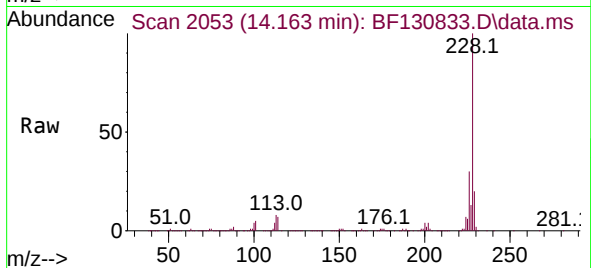
SB-12MSD

Tgt Ion:228	Resp: 75272
Ion Ratio	Lower Upper
228 100	
226 29.5	23.9 35.9
229 19.5	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.001 ng

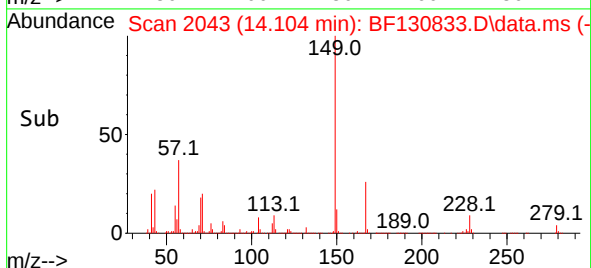
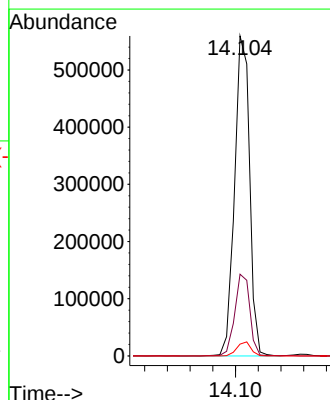
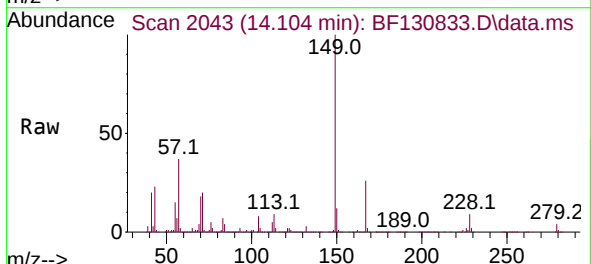
RT: 14.104 min Scan# 2043

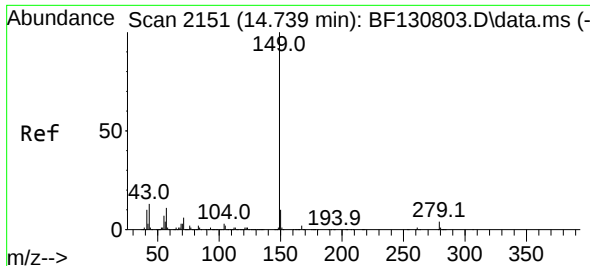
Delta R.T. 0.000 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

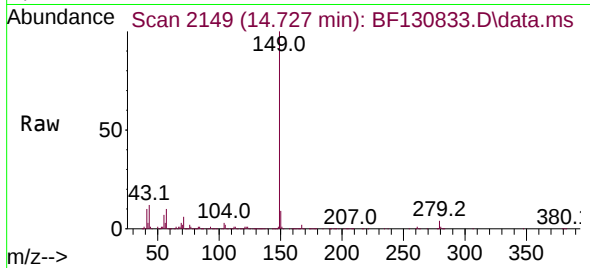
Tgt Ion:149	Resp: 513086
Ion Ratio	Lower Upper
149 100	
167 25.5	21.0 31.4
279 3.7	3.0 4.6





#85
Di-n-octyl phthalate
Concen: 59.656 ng
RT: 14.727 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

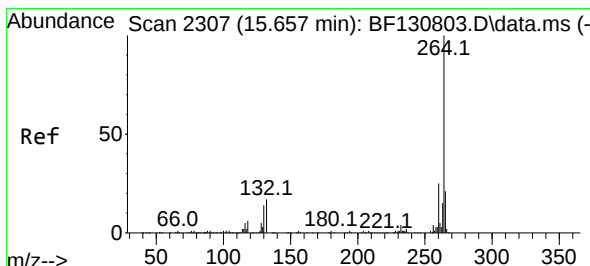
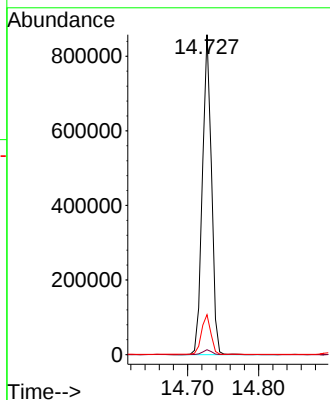
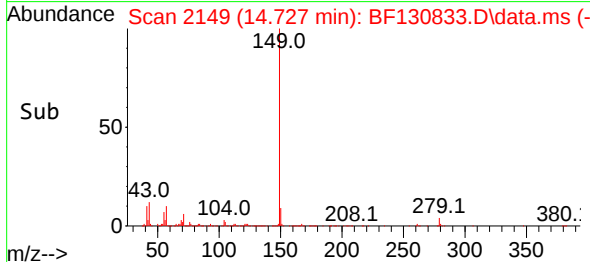
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:149 Resp: 754340
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.2 15.2

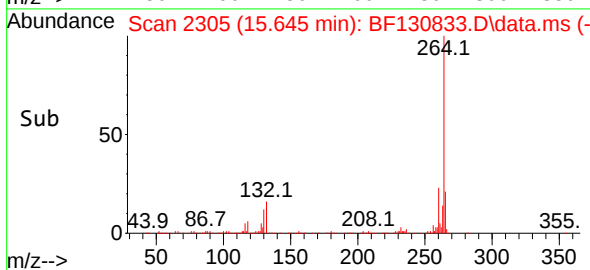
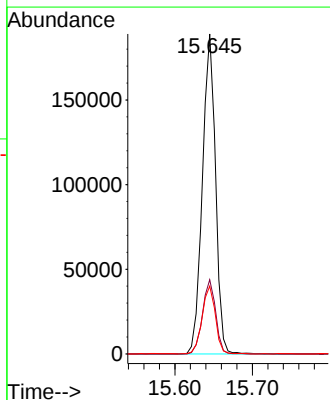
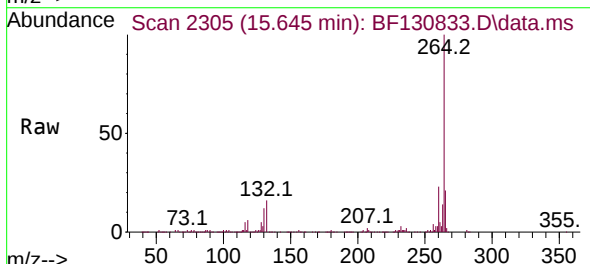
Manual Integrations
APPROVED

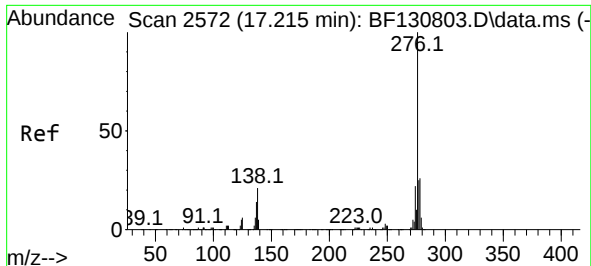
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:264 Resp: 222124
Ion Ratio Lower Upper
264 100
260 23.2 19.9 29.9
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.921 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

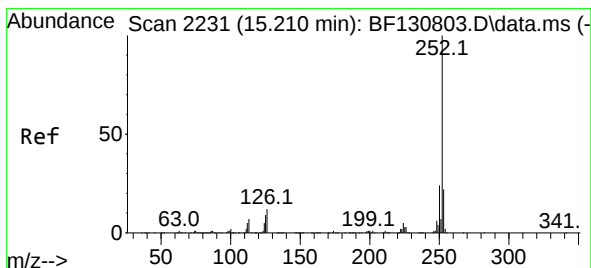
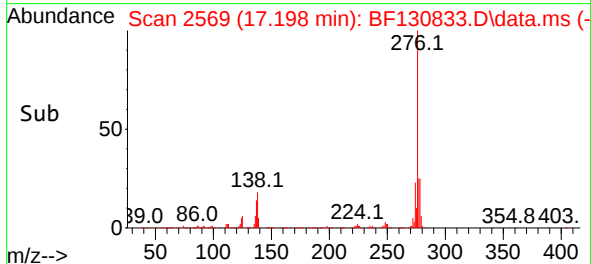
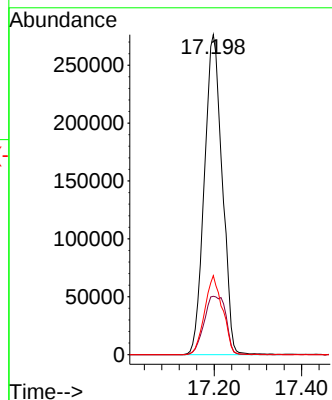
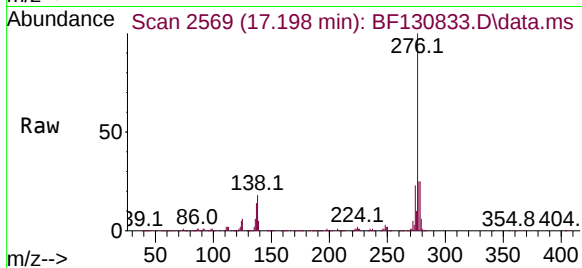
SB-12MSD

Tgt Ion:276 Resp: 780619
Ion Ratio Lower Upper
276 100
138 22.2 19.1 28.7
277 24.8 20.1 30.1

Manual Integrations

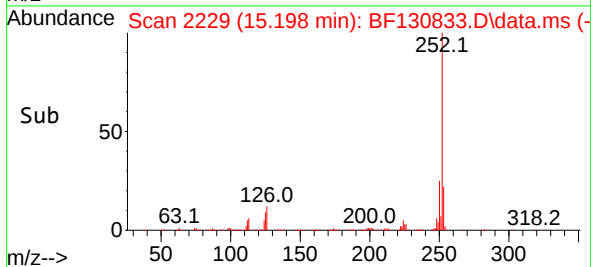
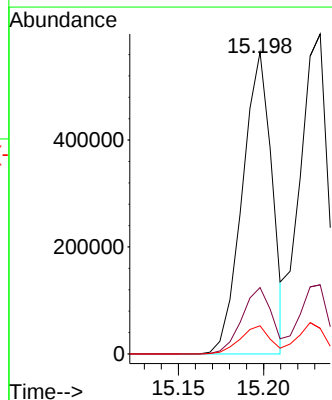
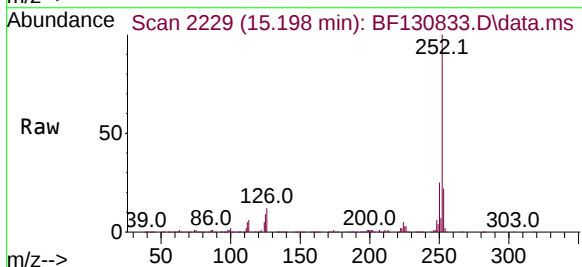
APPROVED

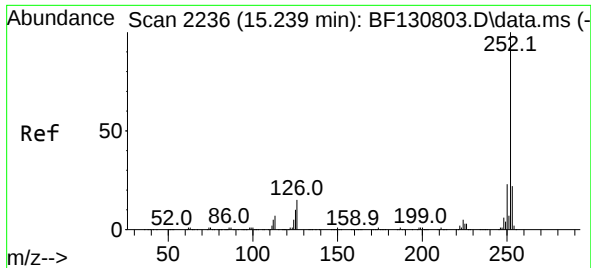
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 47.519 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

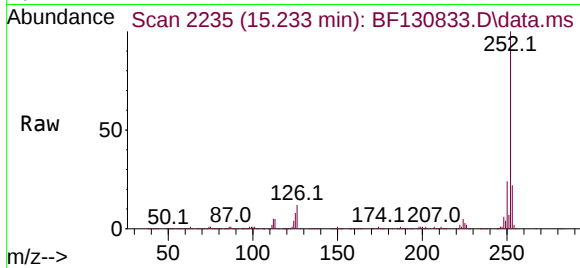
Tgt Ion:252 Resp: 682320
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.3 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 48.354 ng m
RT: 15.233 min Scan# 2236
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

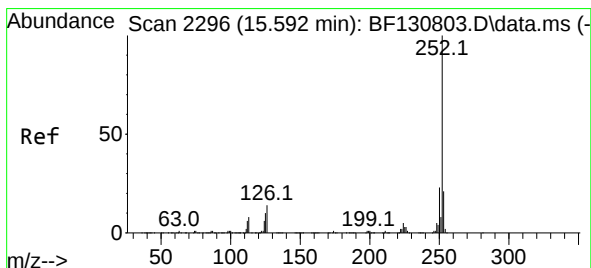
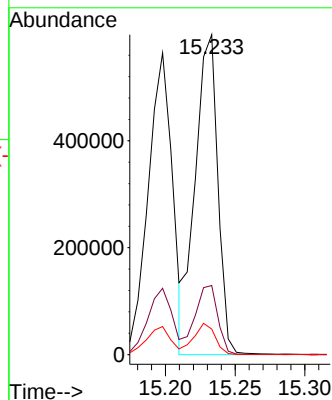
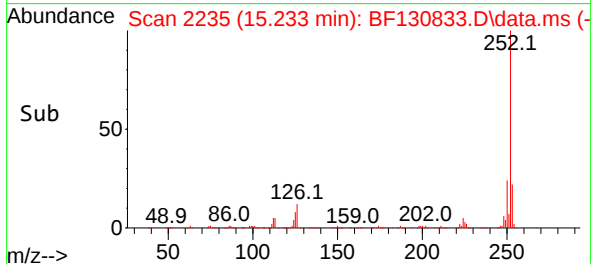
Instrument :
BNA_F
ClientSampleId :
SB-12MSD



Tgt Ion:252 Resp: 676556
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.0 8.0 12.0

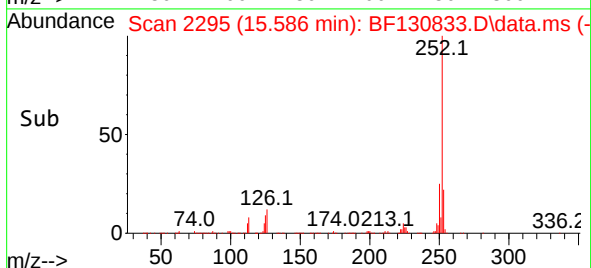
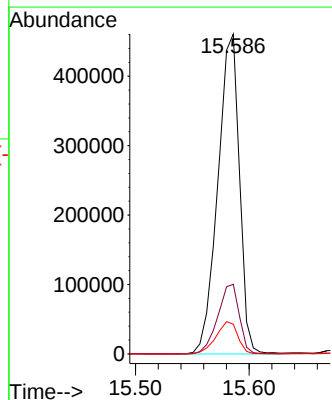
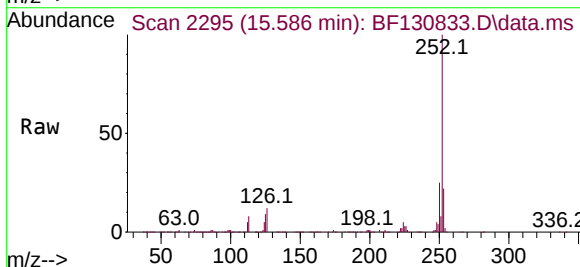
Manual Integrations
APPROVED

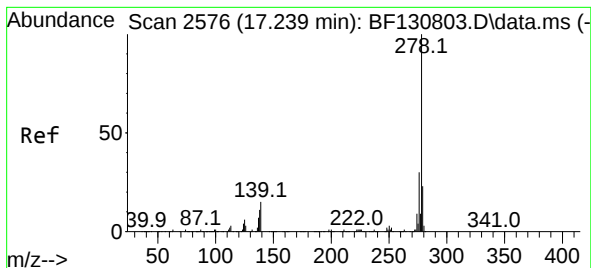
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 52.707 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF130833.D
Acq: 28 Oct 2022 20:27

Tgt Ion:252 Resp: 608377
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 9.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 55.568 ng

RT: 17.221 min Scan# 2576

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Instrument :

BNA_F

ClientSampleId :

SB-12MSD

Tgt Ion:278 Resp: 668188

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

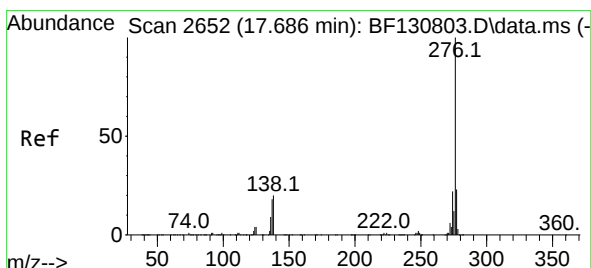
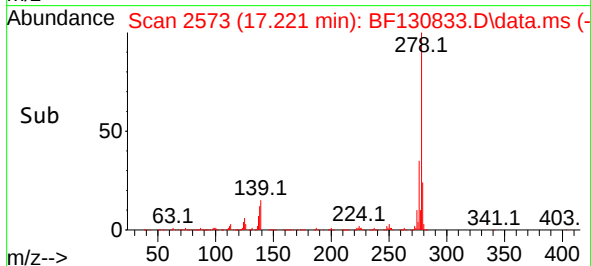
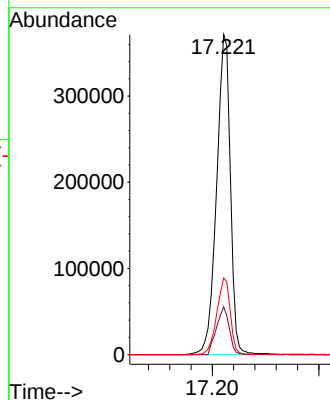
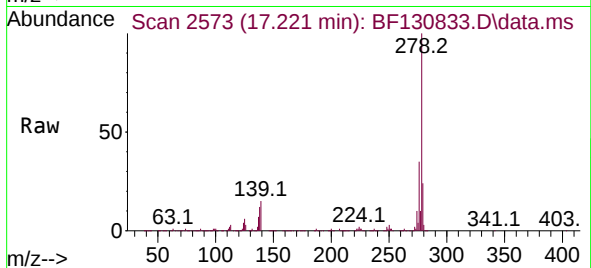
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#92

Benzo(g,h,i)perylene

Concen: 54.996 ng

RT: 17.674 min Scan# 2650

Delta R.T. 0.006 min

Lab File: BF130833.D

Acq: 28 Oct 2022 20:27

Tgt Ion:276 Resp: 674681

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.7 16.3 24.5

