

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
 Data File : BF130685.D
 Acq On : 17 Oct 2022 14:17
 Operator : CG\JU
 Sample : PB148379BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148379BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 03:20:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	81336	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	317683	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	166169	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	299023	20.000	ng	0.00
76) Chrysene-d12	13.722	240	233113	20.000	ng	0.00
86) Perylene-d12	15.092	264	157123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	644465	142.824	ng	0.02
7) Phenol-d6	6.234	99	775871	136.761	ng	0.00
23) Nitrobenzene-d5	7.151	82	486919	83.672	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	250856	154.282	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	980899	89.416	ng	0.00
79) Terphenyl-d14	12.675	244	1193011	84.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.210	88	71966	26.362	ng	99
3) Pyridine	2.875	79	177712	36.393	ng	98
4) n-Nitrosodimethylamine	2.834	42	109958	47.792	ng	95
6) Aniline	6.240	93	267647	39.406	ng	# 79
8) 2-Chlorophenol	6.363	128	250432	47.194	ng	97
9) Benzaldehyde	6.122	77	139129	39.034	ng	95
10) Phenol	6.245	94	295944	45.084	ng	91
11) bis(2-Chloroethyl)ether	6.322	93	220613	46.267	ng	96
12) 1,3-Dichlorobenzene	6.510	146	266728	45.908	ng	98
13) 1,4-Dichlorobenzene	6.593	146	275980	46.822	ng	97
14) 1,2-Dichlorobenzene	6.740	146	261720	47.677	ng	99
15) Benzyl Alcohol	6.734	79	182593	44.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.863	45	267695	43.638	ng	87
17) 2-Methylphenol	6.851	107	190060	45.027	ng	96
18) Hexachloroethane	7.081	117	102749	46.079	ng	99
19) n-Nitroso-di-n-propyla...	7.004	70	160561	43.866	ng	99
20) 3+4-Methylphenols	7.004	107	246053	43.502	ng	97
22) Acetophenone	6.998	105	345302	45.310	ng	# 97
24) Nitrobenzene	7.169	77	249673	42.662	ng	98
25) Isophorone	7.410	82	437862	45.208	ng	98
26) 2-Nitrophenol	7.481	139	133202	46.412	ng	90
27) 2,4-Dimethylphenol	7.528	122	202163	50.540	ng	100
28) bis(2-Chloroethoxy)met...	7.622	93	264785	47.214	ng	99
29) 2,4-Dichlorophenol	7.728	162	202949	45.348	ng	97
30) 1,2,4-Trichlorobenzene	7.804	180	215821	44.732	ng	99
31) Naphthalene	7.881	128	713856	43.410	ng	99
32) Benzoic acid	7.698	122	106272	41.995	ng	95
33) 4-Chloroaniline	7.940	127	212127	33.300	ng	100
34) Hexachlorobutadiene	7.992	225	138777	46.343	ng	99
35) Caprolactam	8.322	113	65349m	48.532	ng	
36) 4-Chloro-3-methylphenol	8.439	107	215022	44.294	ng	99
37) 2-Methylnaphthalene	8.569	142	468221	45.245	ng	99
38) 1-Methylnaphthalene	8.669	142	438755	43.674	ng	99
40) 1,2,4,5-Tetrachloroben...	8.734	216	219120	48.603	ng	99
41) Hexachlorocyclopentadiene	8.722	237	157277	89.871	ng	99
43) 2,4,6-Trichlorophenol	8.857	196	133886	44.229	ng	99

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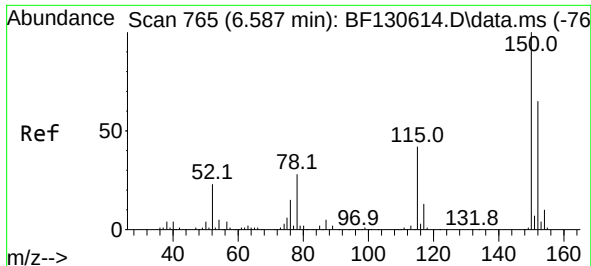
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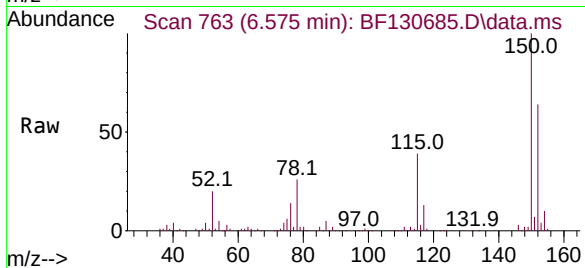
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	146928	44.136	ng	96
46) 1,1'-Biphenyl	9.034	154	572095	47.506	ng	99
47) 2-Chloronaphthalene	9.057	162	447747	45.492	ng	98
48) 2-Nitroaniline	9.169	65	133231	44.968	ng	99
49) Acenaphthylene	9.469	152	664383	45.052	ng	99
50) Dimethylphthalate	9.345	163	519921	45.200	ng	99
51) 2,6-Dinitrotoluene	9.410	165	116721	46.259	ng	98
52) Acenaphthene	9.639	154	404859	45.313	ng	99
53) 3-Nitroaniline	9.581	138	95516	34.534	ng	99
54) 2,4-Dinitrophenol	9.698	184	114983	88.843	ng	98
55) Dibenzofuran	9.816	168	617398	45.360	ng	99
56) 4-Nitrophenol	9.763	139	134155	87.970	ng	94
57) 2,4-Dinitrotoluene	9.816	165	159391	49.152	ng	91
58) Fluorene	10.157	166	508555	45.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	121172	45.657	ng	96
60) Diethylphthalate	10.045	149	509670	44.409	ng	98
61) 4-Chlorophenyl-phenyle...	10.151	204	234778	46.407	ng	94
62) 4-Nitroaniline	10.198	138	120332	45.568	ng	98
63) Azobenzene	10.310	77	459585	42.516	ng	98
65) 4,6-Dinitro-2-methylph...	10.228	198	84007	44.956	ng	99
66) n-Nitrosodiphenylamine	10.275	169	436639	43.898	ng	99
67) 4-Bromophenyl-phenylether	10.633	248	153601	45.398	ng	95
68) Hexachlorobenzene	10.698	284	179669	46.976	ng	93
69) Atrazine	10.810	200	147185	54.341	ng	97
70) Pentachlorophenol	10.904	266	137467	92.348	ng	97
71) Phenanthrene	11.116	178	742609	44.825	ng	100
72) Anthracene	11.163	178	742690	45.902	ng	99
73) Carbazole	11.328	167	696813	48.264	ng	99
74) Di-n-butylphthalate	11.657	149	807538	46.175	ng	100
75) Fluoranthene	12.298	202	799815	50.232	ng	99
77) Benzidine	12.427	184	314653	53.401	ng	98
78) Pyrene	12.522	202	811327	40.343	ng	99
80) Butylbenzylphthalate	13.151	149	345739	44.709	ng	99
81) Benzo(a)anthracene	13.710	228	691743	44.039	ng	100
82) 3,3'-Dichlorobenzidine	13.680	252	197254	43.458	ng	# 97
83) Chrysene	13.745	228	650023	43.647	ng	99
84) Bis(2-ethylhexyl)phtha...	13.710	149	443246	47.279	ng	99
85) Di-n-octyl phthalate	14.316	149	648844	45.190	ng	99
87) Indeno(1,2,3-cd)pyrene	16.380	276	533711	45.383	ng	98
88) Benzo(b)fluoranthene	14.716	252	542363	54.512	ng	99
89) Benzo(k)fluoranthene	14.739	252	507117	50.058	ng	98
90) Benzo(a)pyrene	15.039	252	426303	51.482	ng	98
91) Dibenzo(a,h)anthracene	16.392	278	465695	48.310	ng	99
92) Benzo(g,h,i)perylene	16.768	276	480505	53.519	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

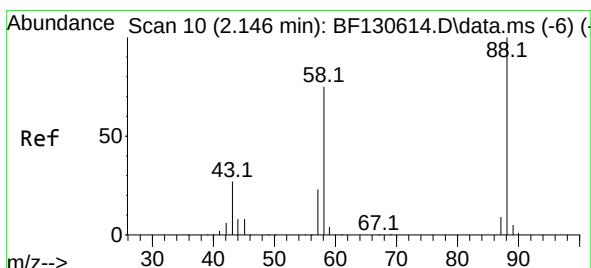
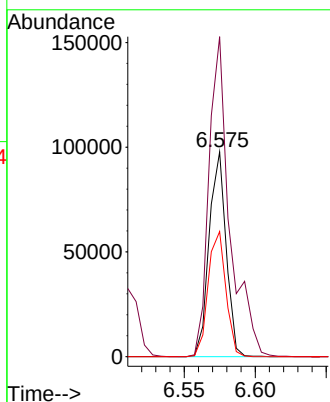
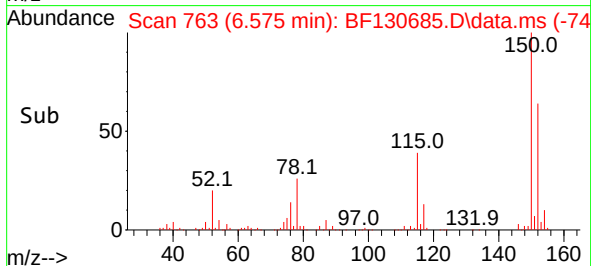
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:152 Resp: 81336
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 61.1 52.2 78.4

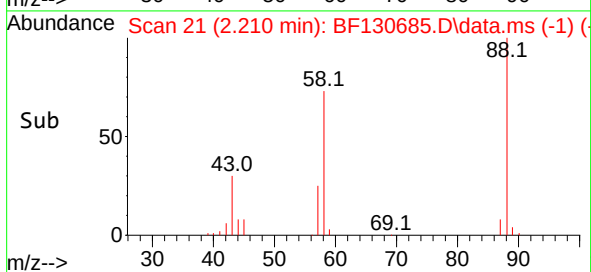
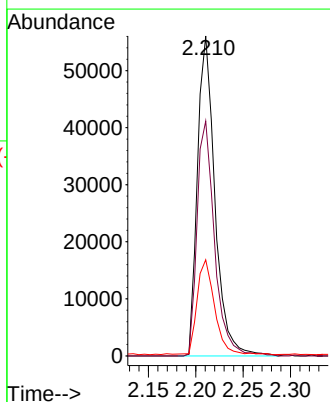
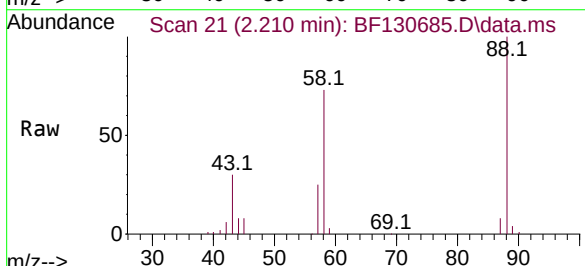
Manual Integrations
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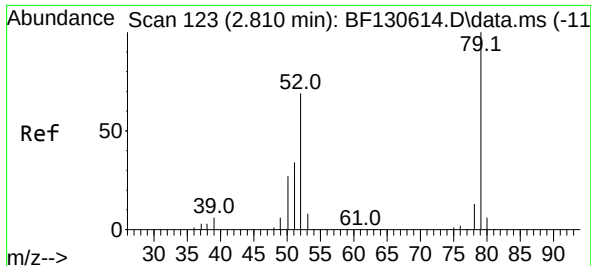
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#2
1,4-Dioxane
Concen: 26.362 ng
RT: 2.210 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

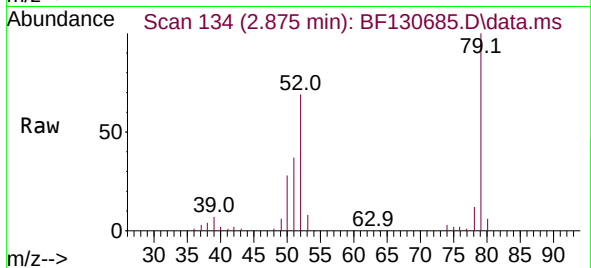
Tgt Ion: 88 Resp: 71966
Ion Ratio Lower Upper
88 100
58 73.3 58.8 88.2
43 29.5 22.2 33.4





#3
Pyridine
Concen: 36.393 ng
RT: 2.875 min Scan# 134
Delta R.T. 0.088 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

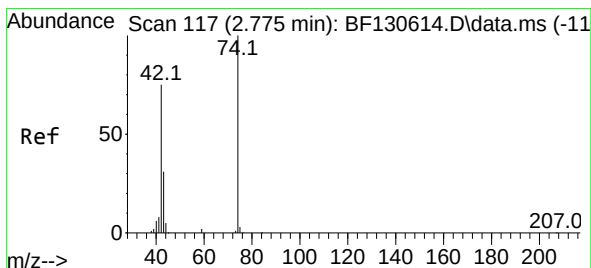
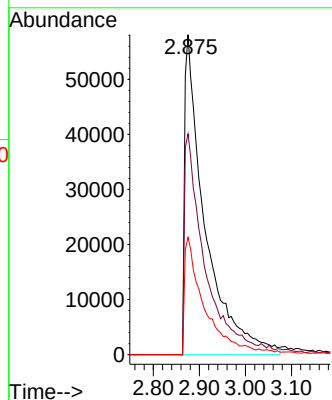
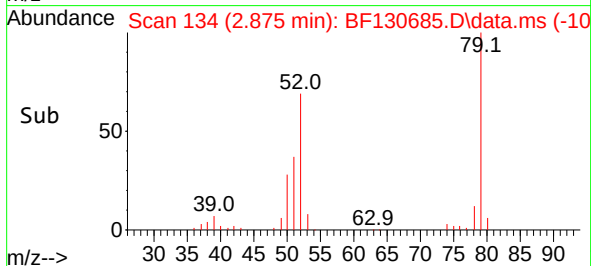
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ClientSampleId :
PB148379BSD



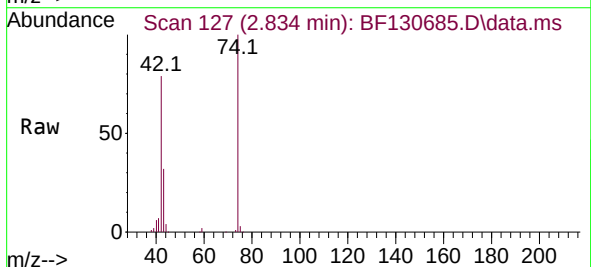
Tgt Ion: 79 Resp: 177712
Ion Ratio Lower Upper
79 100
52 69.0 54.8 82.2
51 36.6 27.4 41.2

Manual Integrations
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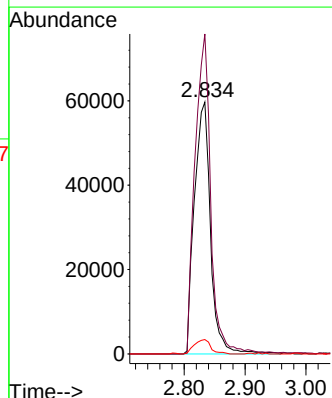
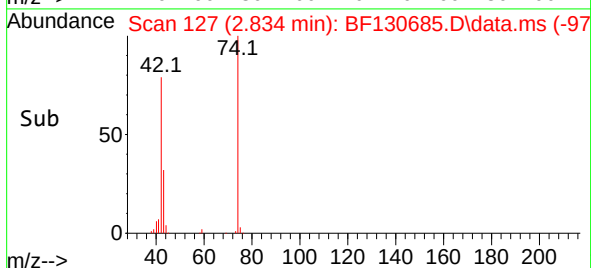
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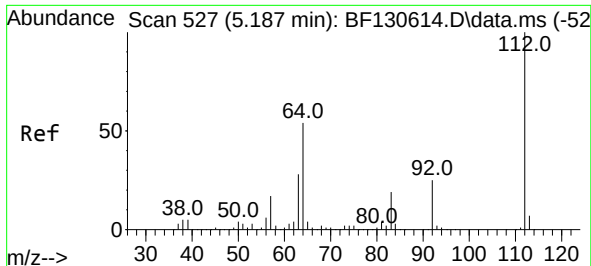


#4
n-Nitrosodimethylamine
Concen: 47.792 ng
RT: 2.834 min Scan# 127
Delta R.T. 0.077 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



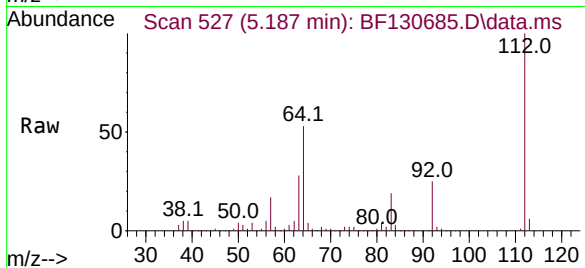
Tgt Ion: 42 Resp: 109958
Ion Ratio Lower Upper
42 100
74 127.1 106.2 159.2
44 5.7 5.0 7.4





#5
2-Fluorophenol
Concen: 142.824 ng
RT: 5.187 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

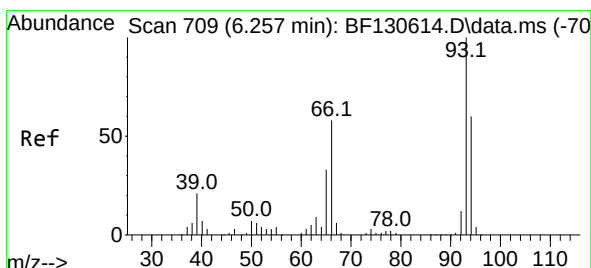
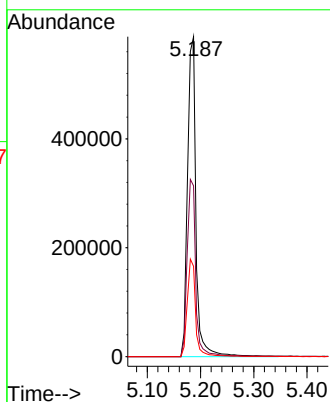
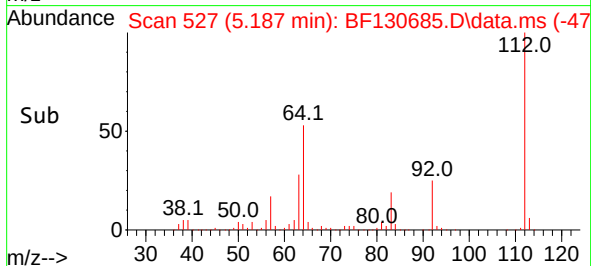
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 644465
Ion Ratio Lower Upper
112 100
64 53.4 43.5 65.3
63 28.2 22.6 34.0

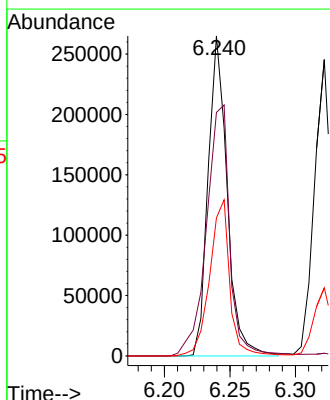
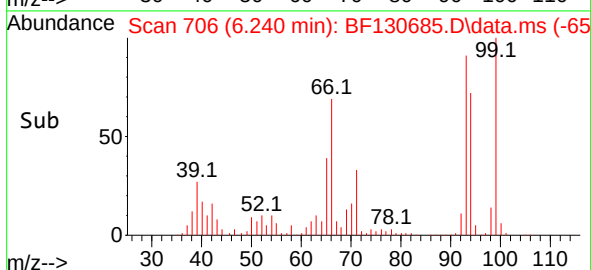
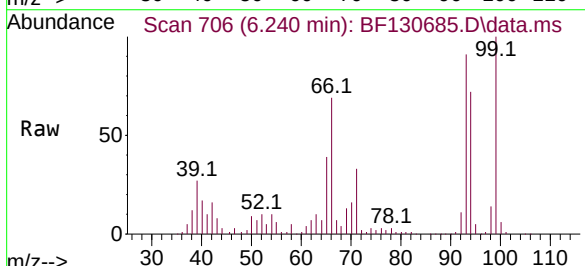
Manual Integrations
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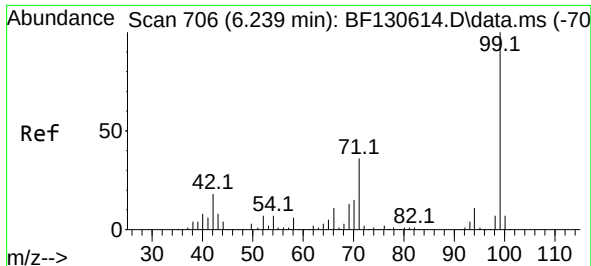
Reviewed By :Christian Giraldo 10/18/2022
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#6
Aniline
Concen: 39.406 ng
RT: 6.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

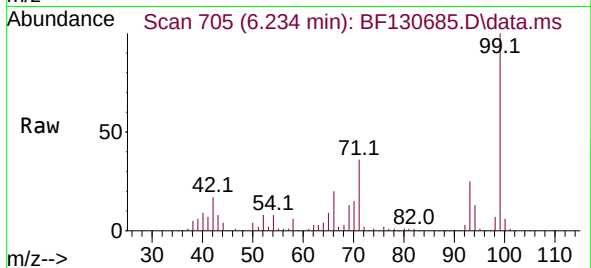
Tgt Ion: 93 Resp: 267647
Ion Ratio Lower Upper
93 100
66 76.1 47.4 71.0#
65 43.1 26.6 40.0#





#7
Phenol-d6
Concen: 136.761 ng
RT: 6.234 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

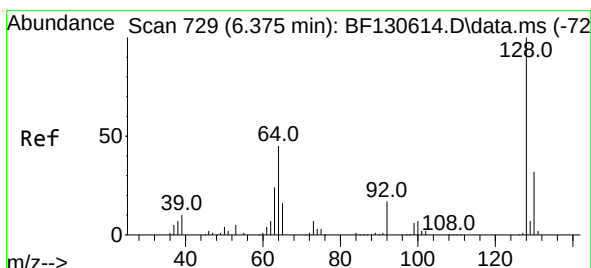
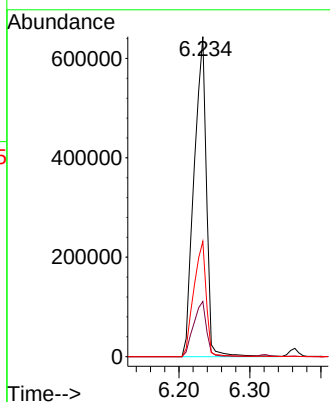
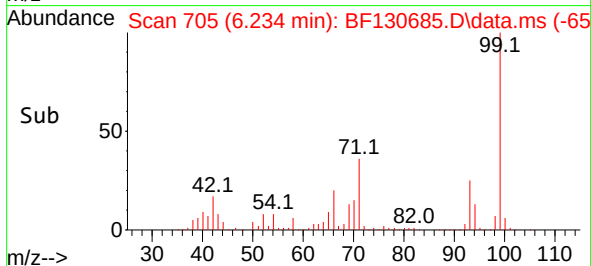
Instrument :
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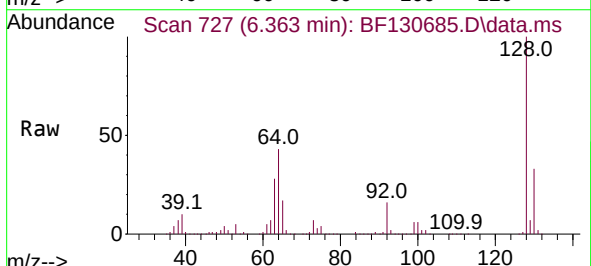
Tgt Ion: 99 Resp: 77587
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 36.0 28.8 43.2

Manual Integrations
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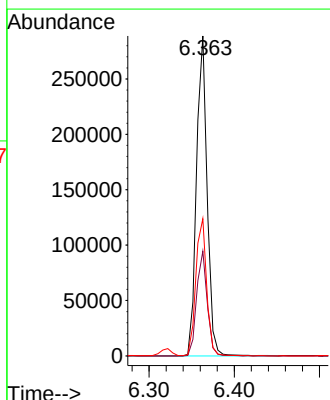
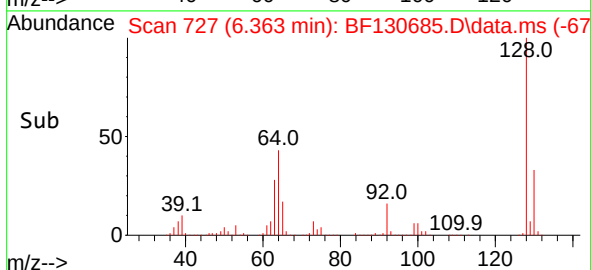
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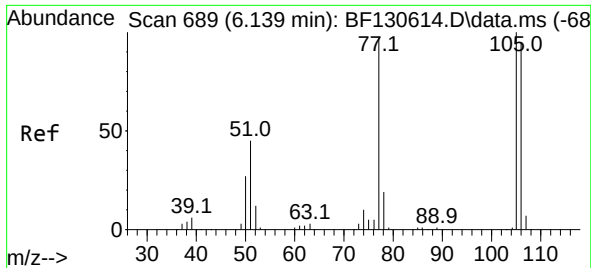


#8
2-Chlorophenol
Concen: 47.194 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:128 Resp: 250432
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 42.9 25.9 65.9





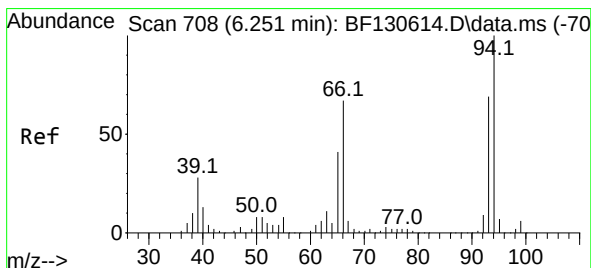
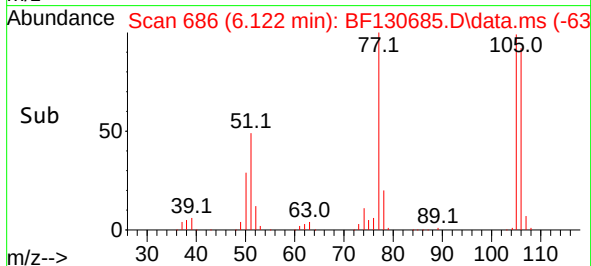
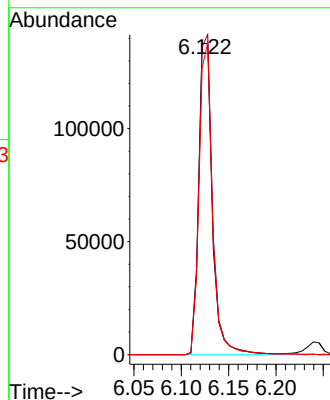
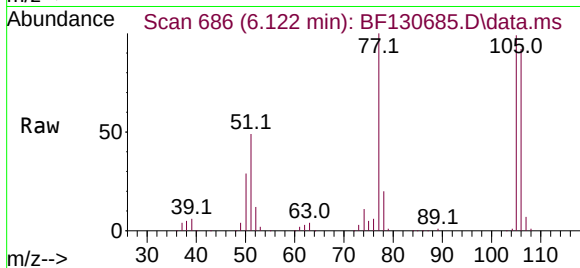
#9
Benzaldehyde
Concen: 39.034 ng
RT: 6.122 min Scan# 68
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :
BNA_F
ClientSampleId :
PB148379BSD

Tgt Ion: 77 Resp: 139129
Ion Ratio Lower Upper
77 100
105 98.9 83.0 123.0
106 92.0 77.8 117.8

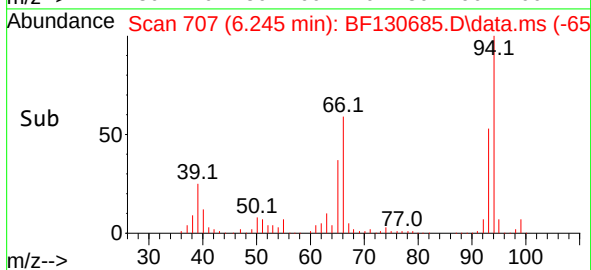
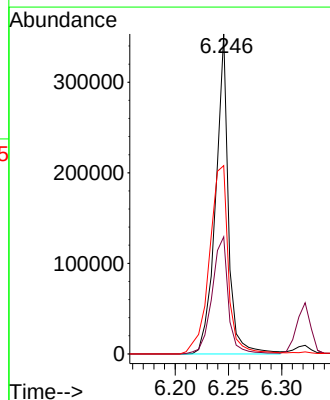
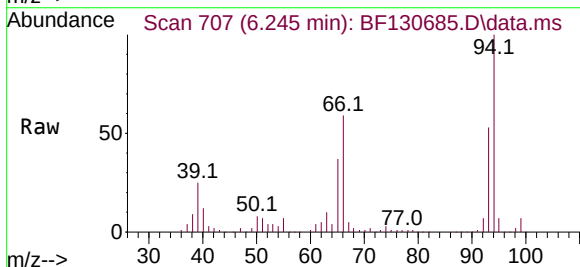
Manual Integrations
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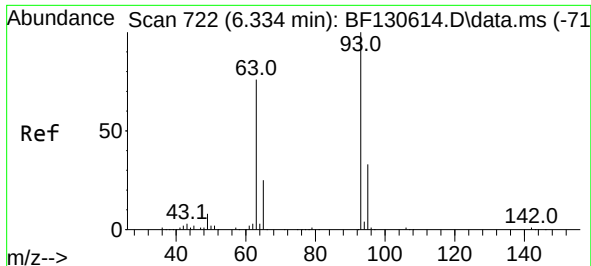
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#10
Phenol
Concen: 45.084 ng
RT: 6.245 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion: 94 Resp: 295944
Ion Ratio Lower Upper
94 100
65 36.6 21.2 61.2
66 58.8 46.9 86.9





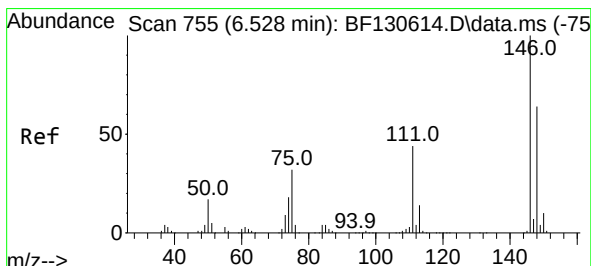
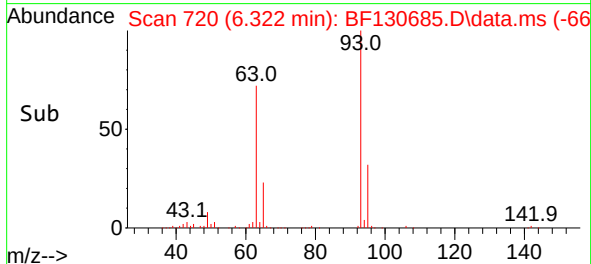
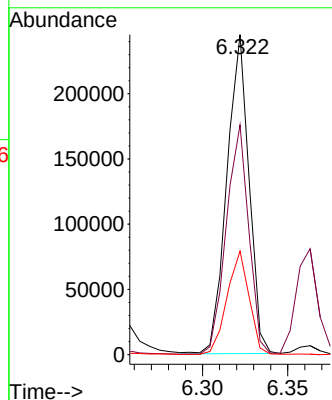
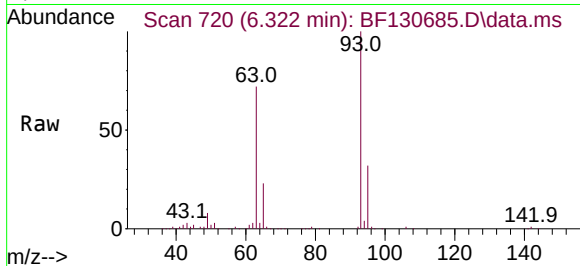
#11
bis(2-Chloroethyl)ether
Concen: 46.267 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :
BNA_F
ClientSampleId :
PB148379BSD

Tgt Ion: 93 Resp: 220613
Ion Ratio Lower Upper
93 100
63 71.8 56.1 96.1
95 32.3 12.4 52.4

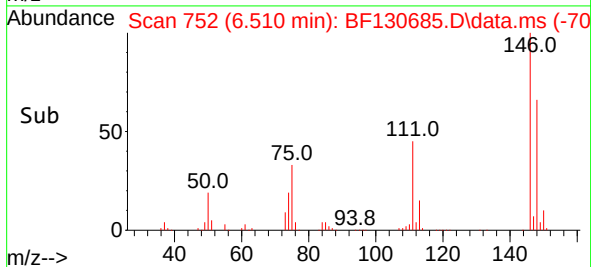
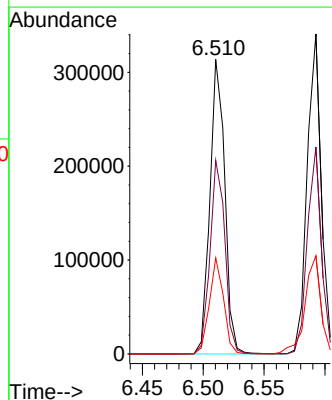
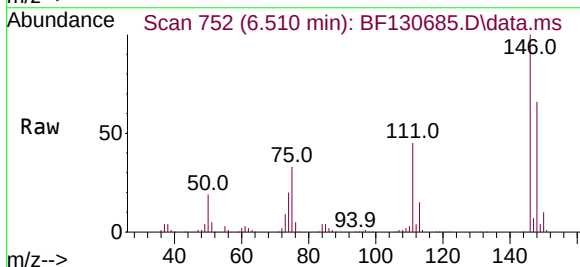
Manual Integrations
APPROVED

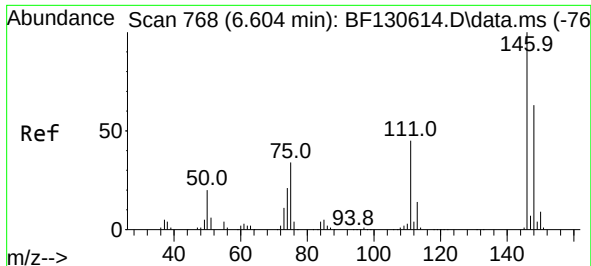
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 45.908 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:146 Resp: 266728
Ion Ratio Lower Upper
146 100
148 65.7 51.3 76.9
75 32.6 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 46.822 ng

RT: 6.593 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

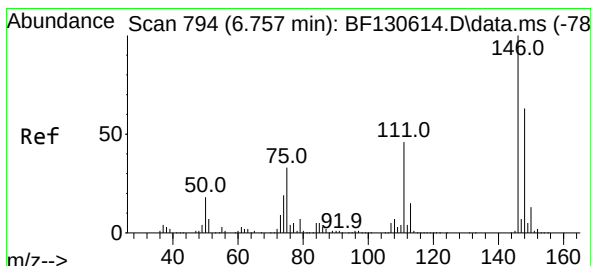
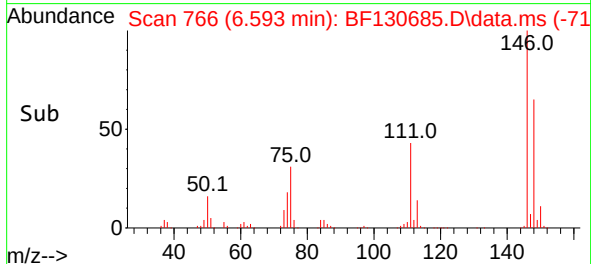
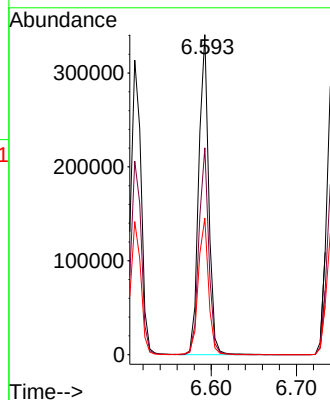
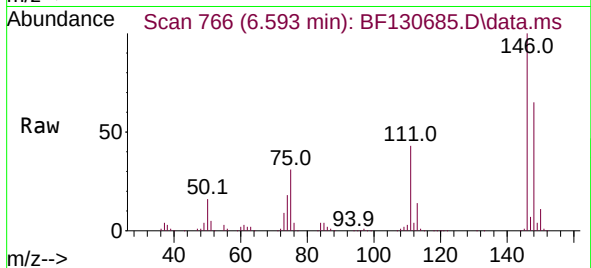
PB148379BSD

Tgt Ion:146 Resp: 275980
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.1 75.1
 111 42.6 35.9 53.9

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 47.677 ng

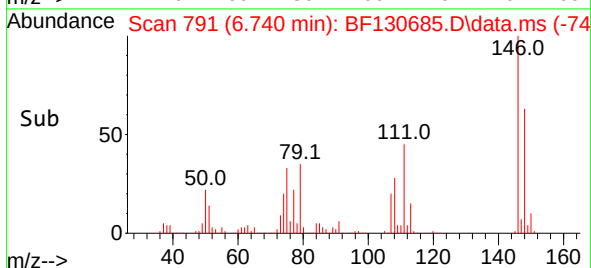
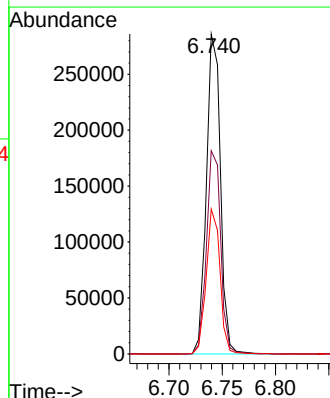
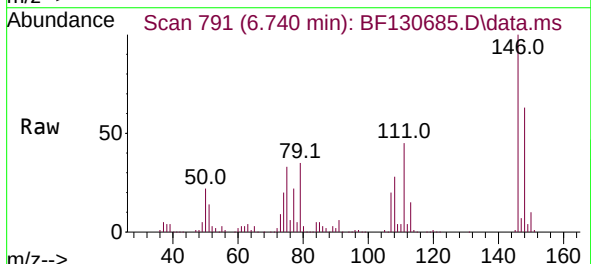
RT: 6.740 min Scan# 791

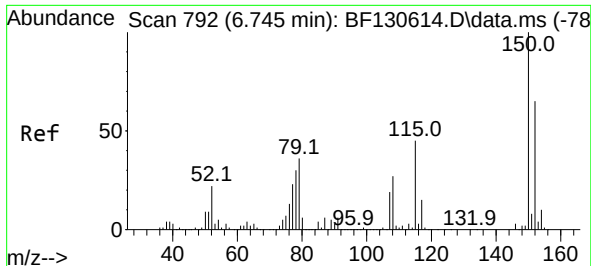
Delta R.T. -0.006 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

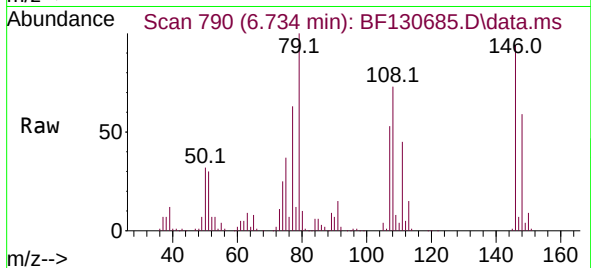
Tgt Ion:146 Resp: 261720
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 111 45.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.829 ng
RT: 6.734 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

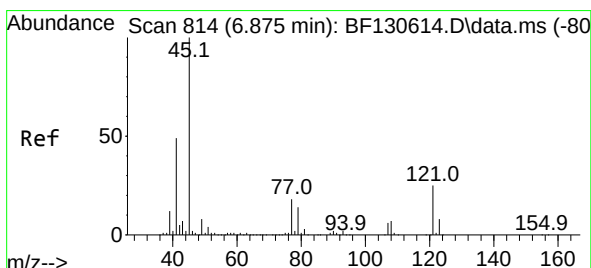
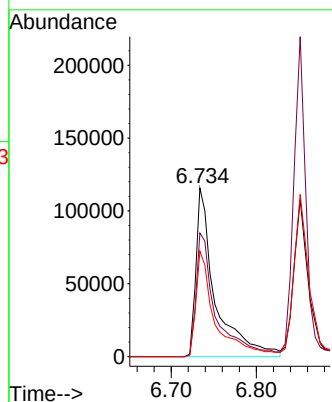
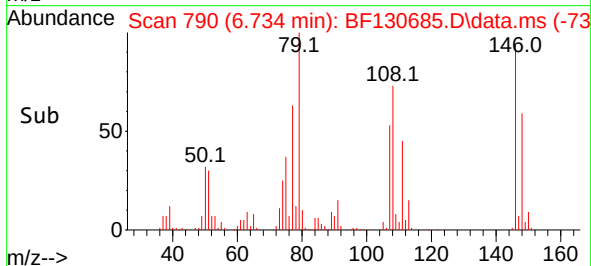
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion: 79 Resp: 182593
Ion Ratio Lower Upper
79 100
108 73.3 59.7 89.5
77 62.6 51.8 77.6

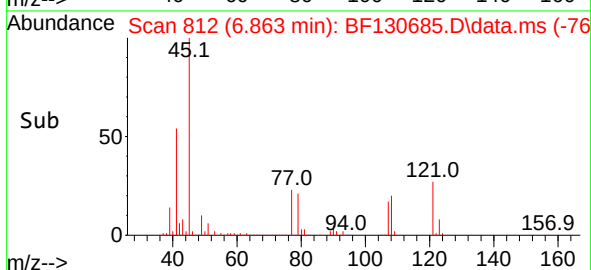
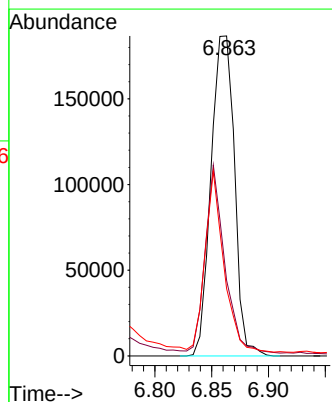
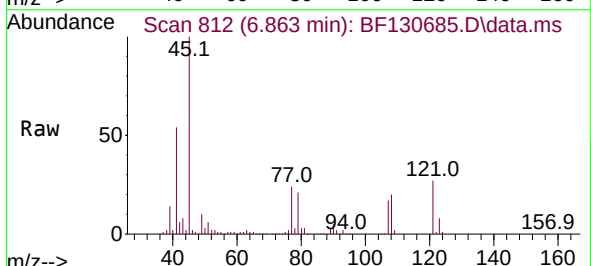
Manual Integrations
APPROVED

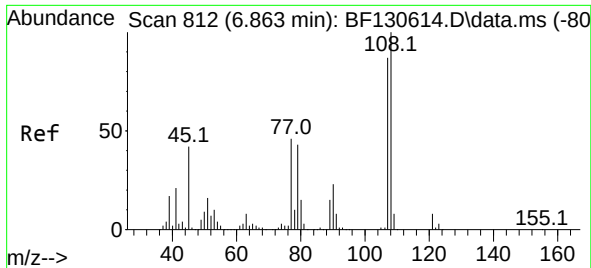
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.638 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

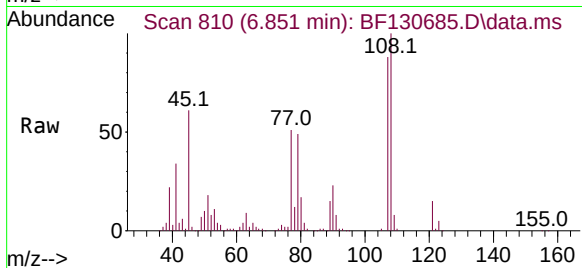
Tgt Ion: 45 Resp: 267695
Ion Ratio Lower Upper
45 100
77 23.6 0.0 38.7
79 21.0 0.0 34.6





#17
2-Methylphenol
Concen: 45.027 ng
RT: 6.851 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

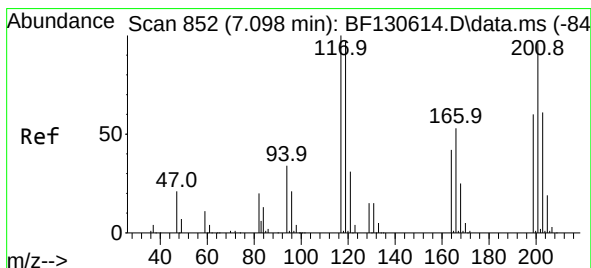
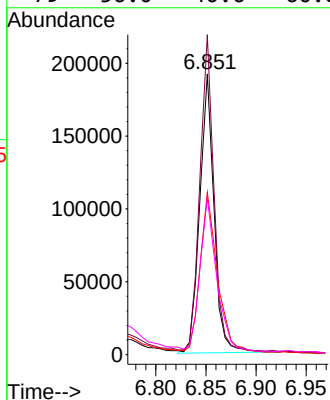
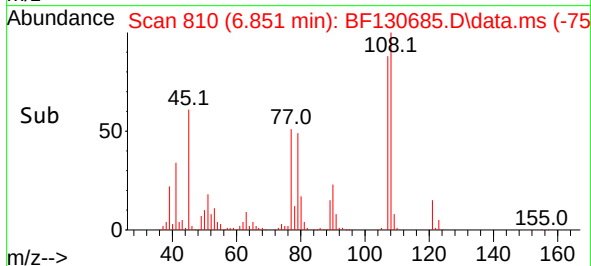
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:107 Resp: 190060
Ion Ratio Lower Upper
107 100
108 114.0 92.2 138.2
77 57.8 42.7 64.1
79 56.0 40.6 60.8

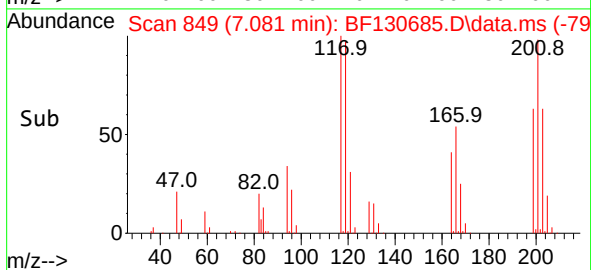
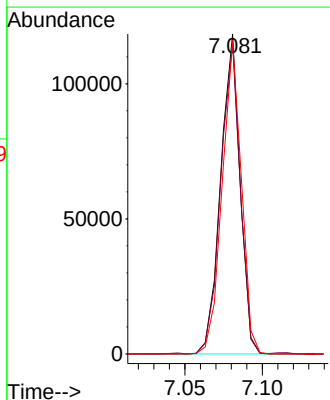
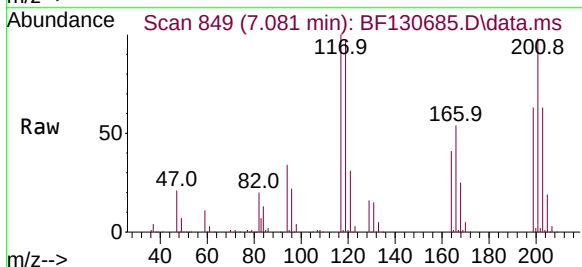
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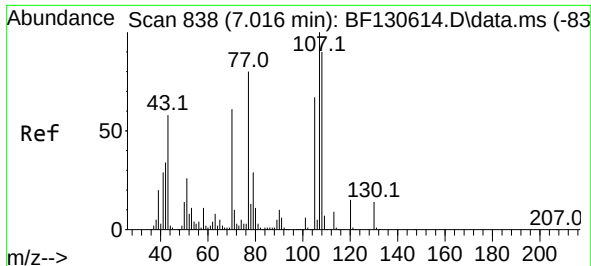
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#18
Hexachloroethane
Concen: 46.079 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:117 Resp: 102749
Ion Ratio Lower Upper
117 100
119 96.9 77.6 116.4
201 98.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.866 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF130685.D

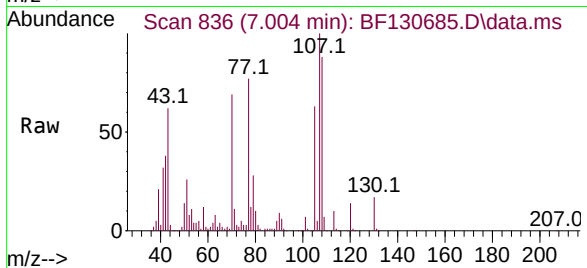
Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD



Tgt Ion: 70 Resp: 16056

Ion Ratio Lower Upper

70 100

42 55.4 44.3 66.5

101 10.4 7.9 11.9

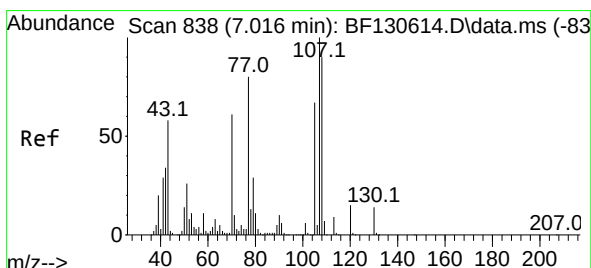
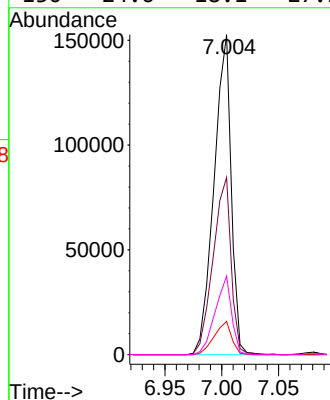
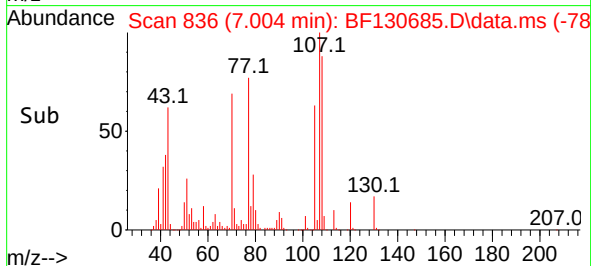
130 24.6 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#20

3+4-Methylphenols

Concen: 43.502 ng

RT: 7.004 min Scan# 836

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion:107 Resp: 246053

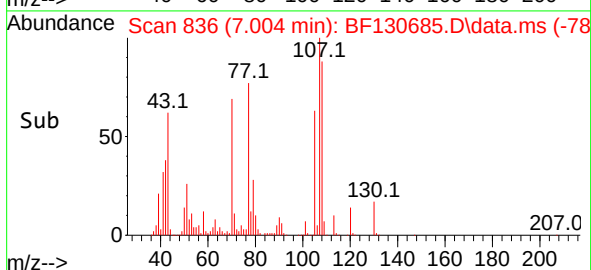
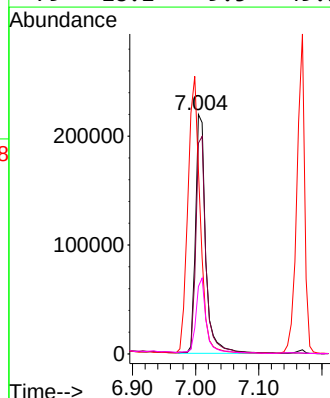
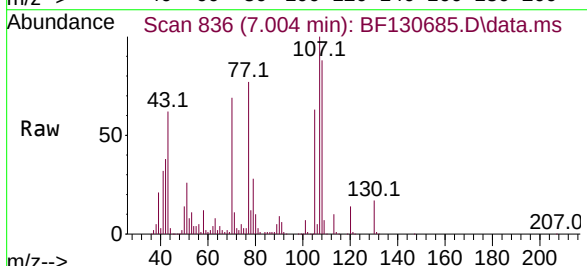
Ion Ratio Lower Upper

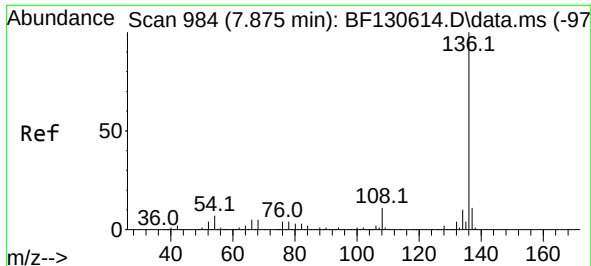
107 100

108 88.0 69.7 109.7

77 76.6 59.7 99.7

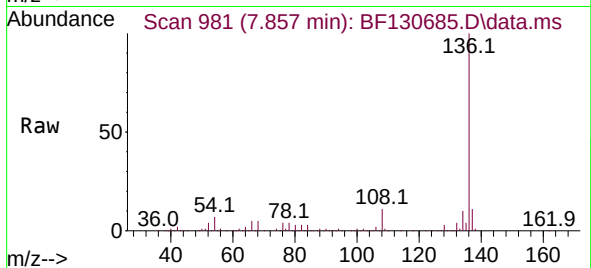
79 28.2 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

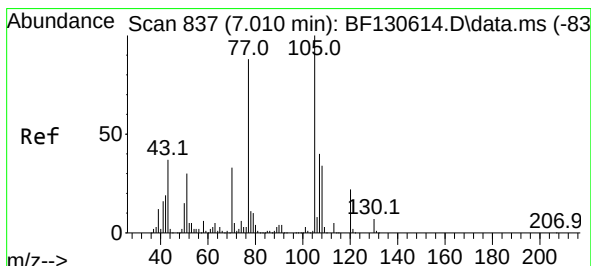
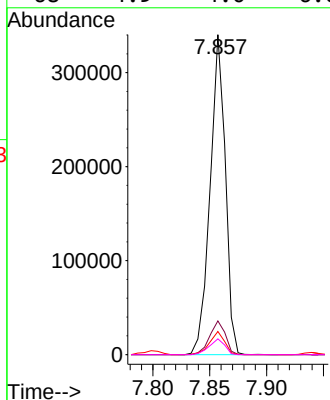
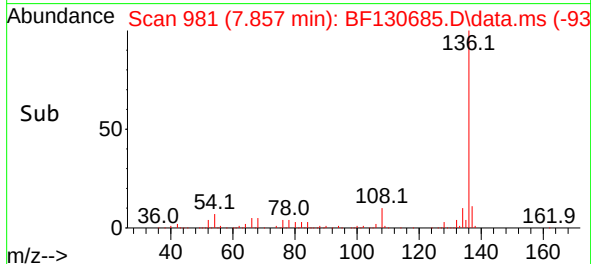
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



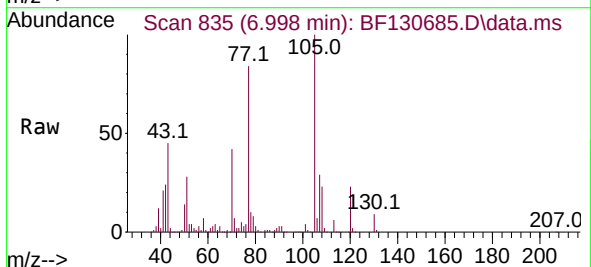
Tgt Ion:136 Resp: 317683
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.2 5.5 8.3
68 4.9 4.0 6.0

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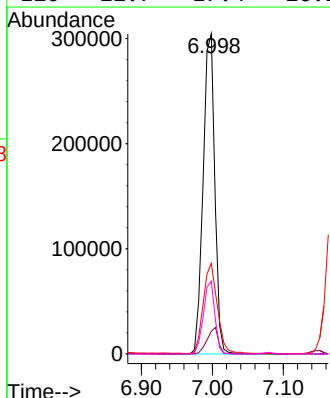
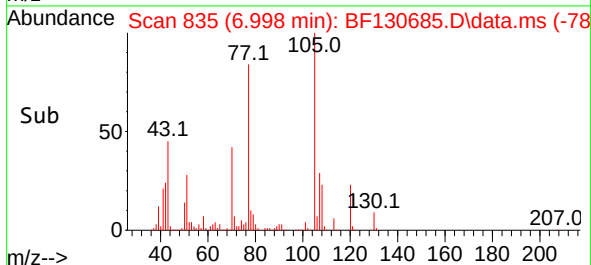
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

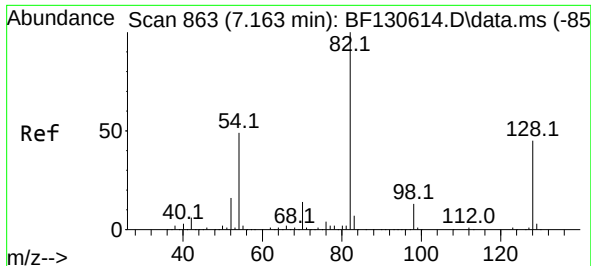


#22
Acetophenone
Concen: 45.310 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:105 Resp: 345302
Ion Ratio Lower Upper
105 100
71 7.1 4.2 6.4#
51 28.3 24.3 36.5
120 22.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.672 ng

RT: 7.151 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

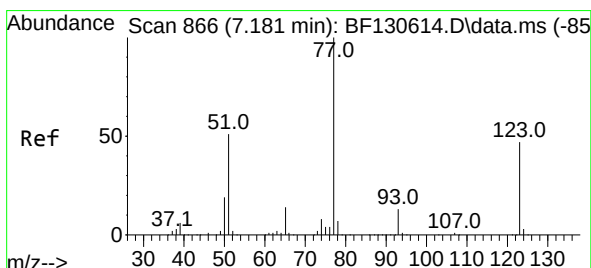
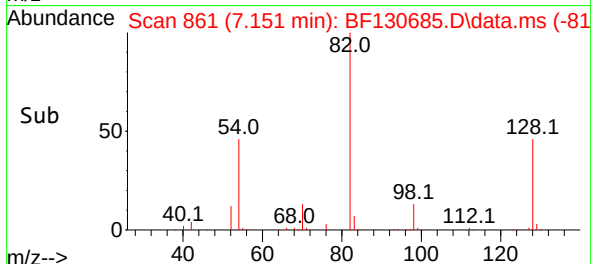
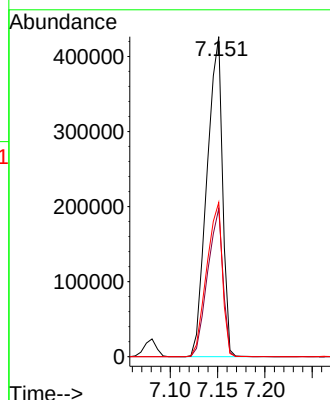
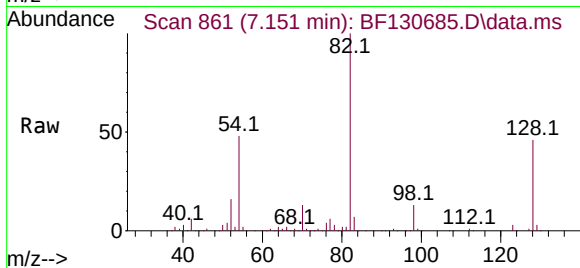
PB148379BSD

Tgt Ion: 82 Resp: 486919
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.8 53.6
 54 48.2 39.3 58.9

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.662 ng

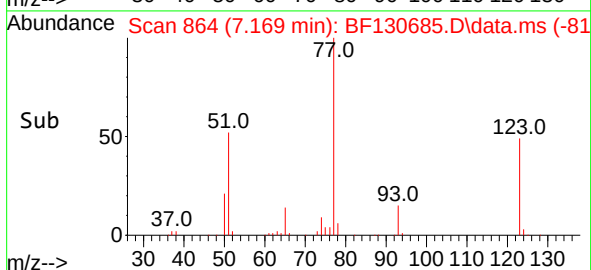
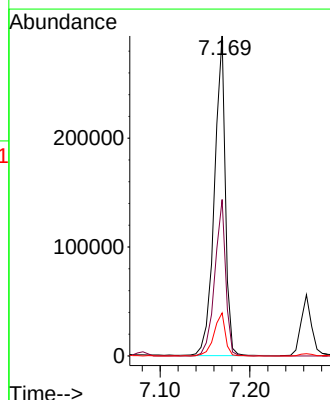
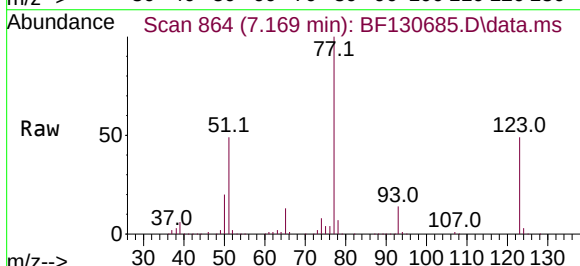
RT: 7.169 min Scan# 864

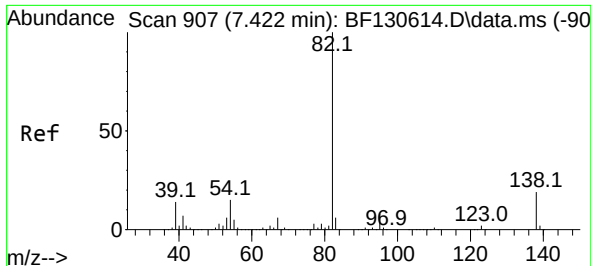
Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

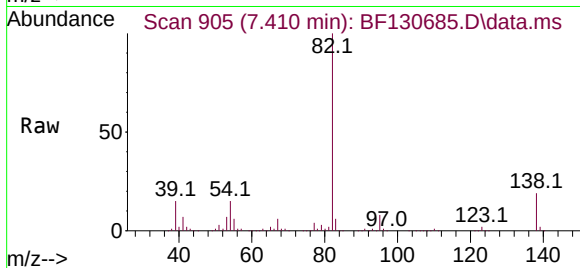
Tgt Ion: 77 Resp: 249673
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.5 56.3
 65 13.4 11.0 16.4





#25
Isophorone
Concen: 45.208 ng
RT: 7.410 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

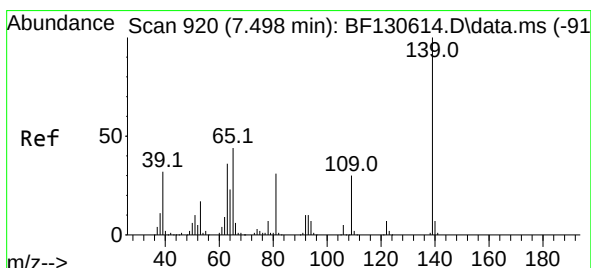
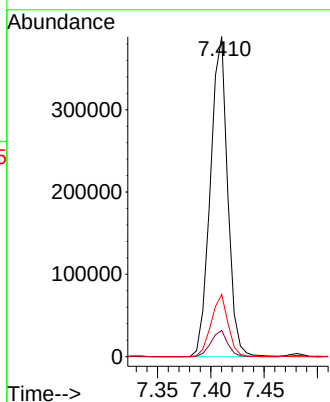
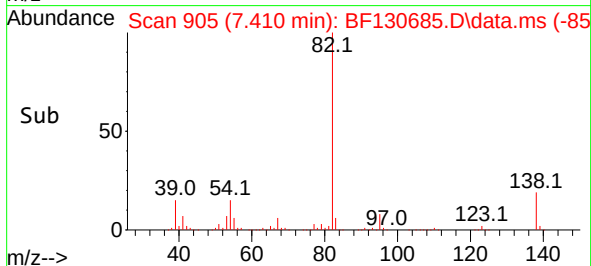
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion: 82 Resp: 437862
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 19.4 14.9 22.3

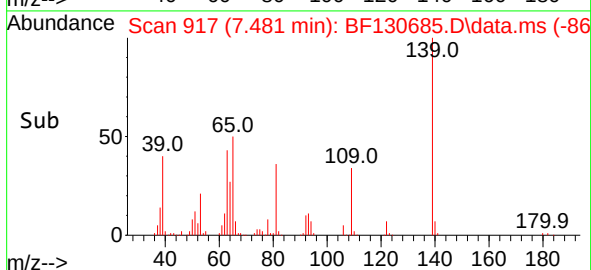
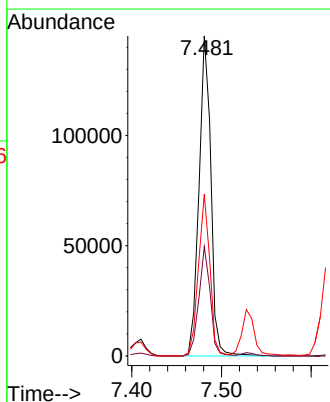
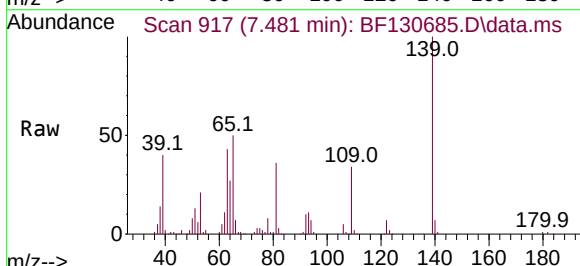
Manual Integrations
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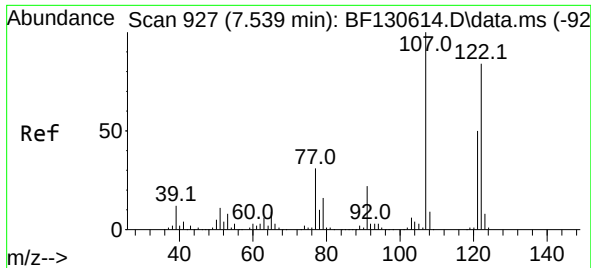
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#26
2-Nitrophenol
Concen: 46.412 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:139 Resp: 133202
Ion Ratio Lower Upper
139 100
109 34.1 23.9 35.9
65 50.5 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 50.540 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

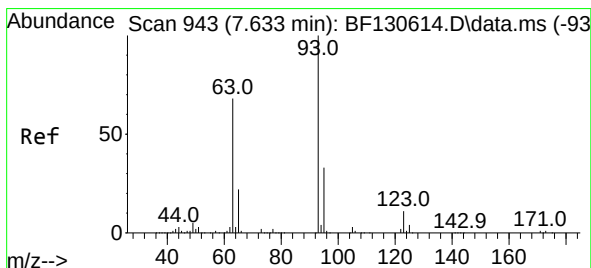
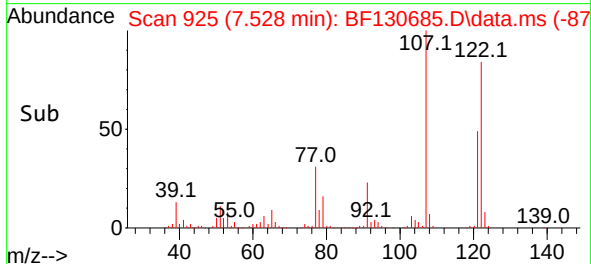
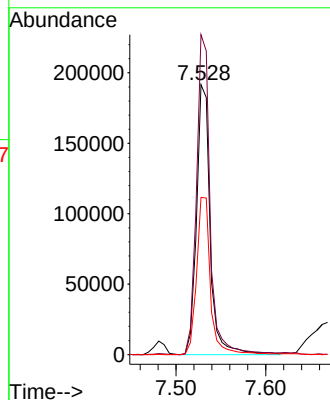
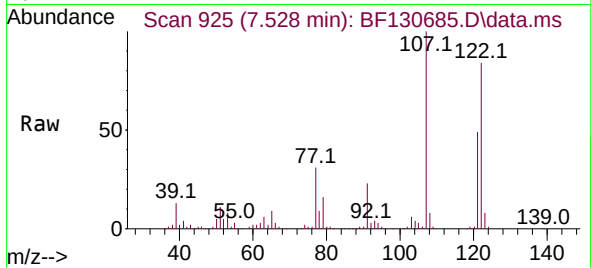
Tgt Ion:	122	Resp:	202163
Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.9	142.3
121	58.2	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.214 ng

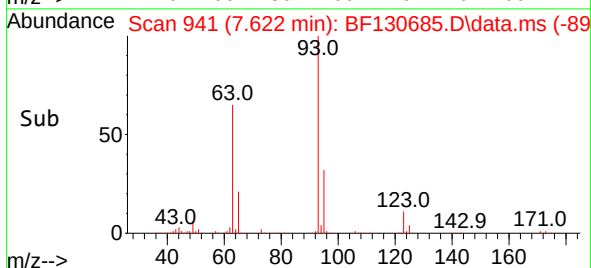
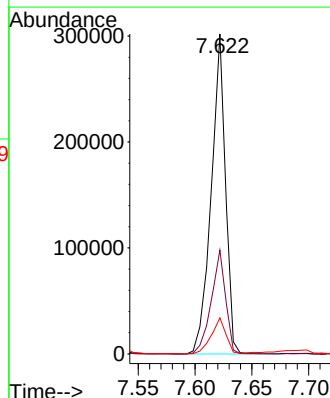
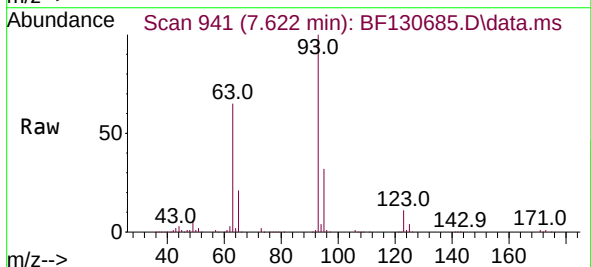
RT: 7.622 min Scan# 941

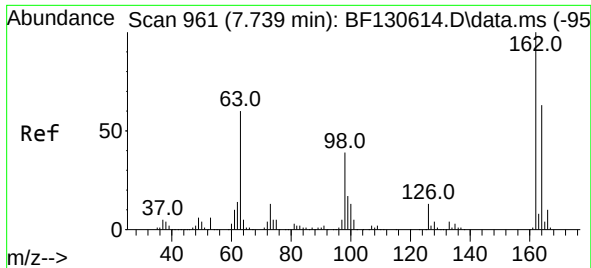
Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion:	93	Resp:	264785
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 45.348 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

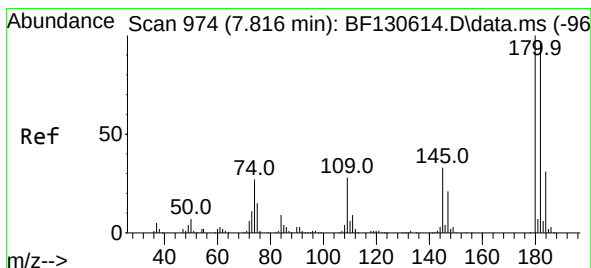
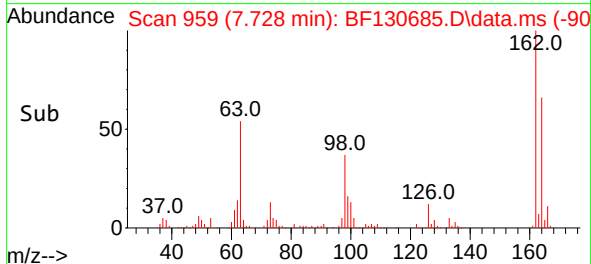
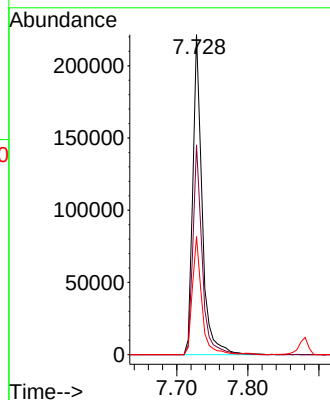
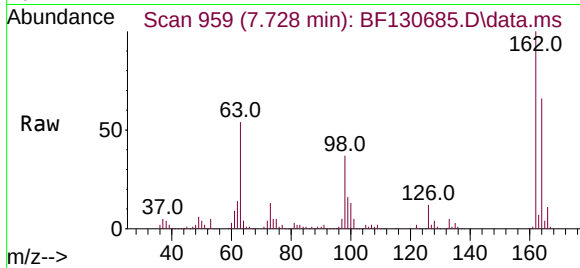
Tgt Ion:162 Resp: 202949
 Ion Ratio Lower Upper
 162 100
 164 65.5 42.8 82.8
 98 36.9 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.732 ng

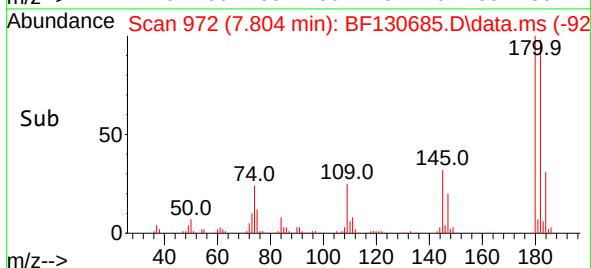
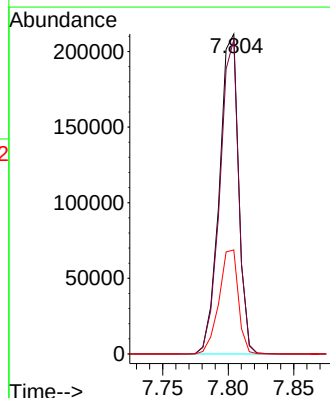
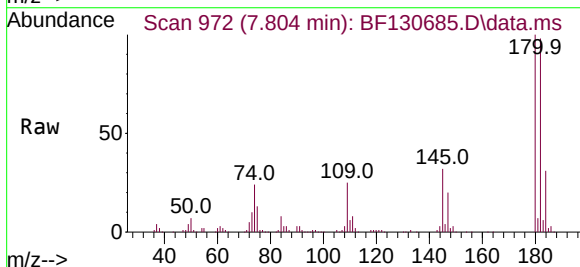
RT: 7.804 min Scan# 972

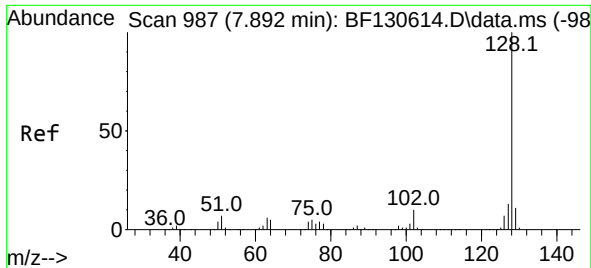
Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

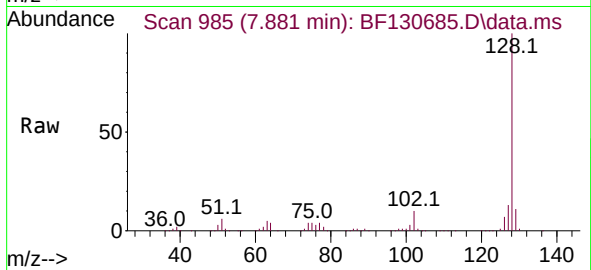
Tgt Ion:180 Resp: 215821
 Ion Ratio Lower Upper
 180 100
 182 98.2 78.0 117.0
 145 32.5 26.7 40.1





#31
Naphthalene
Concen: 43.410 ng
RT: 7.881 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

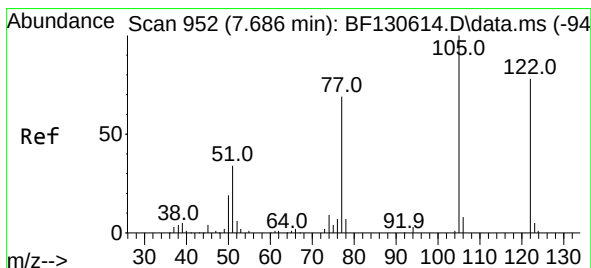
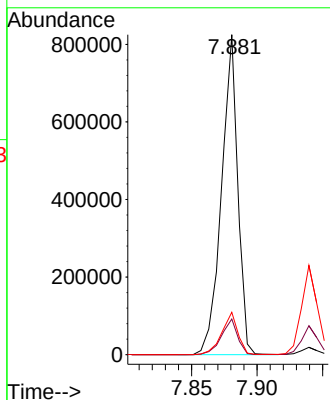
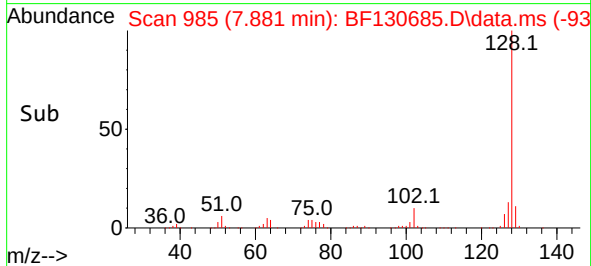
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:128 Resp: 713856
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.3 15.5

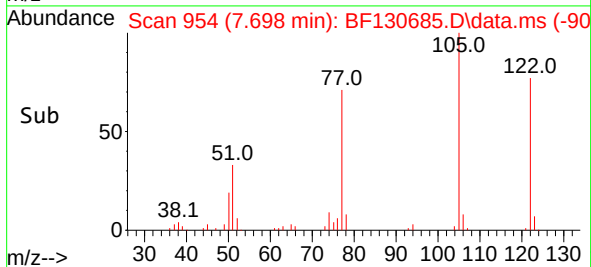
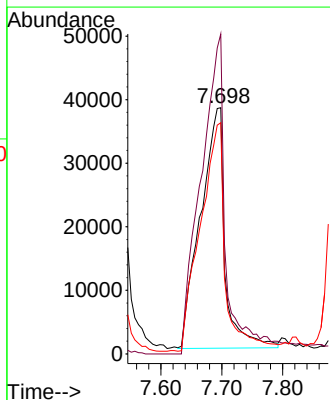
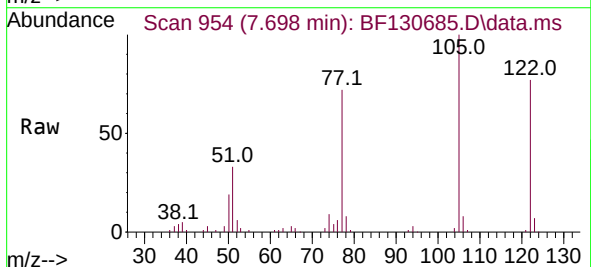
Manual Integrations
APPROVED

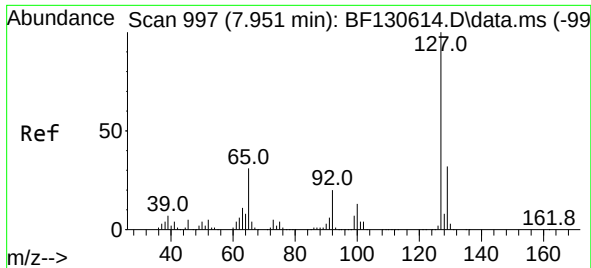
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#32
Benzoic acid
Concen: 41.995 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.012 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:122 Resp: 106272
Ion Ratio Lower Upper
122 100
105 130.0 104.8 144.8
77 93.9 68.2 108.2





#33
4-Chloroaniline
Concen: 33.300 ng
RT: 7.940 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

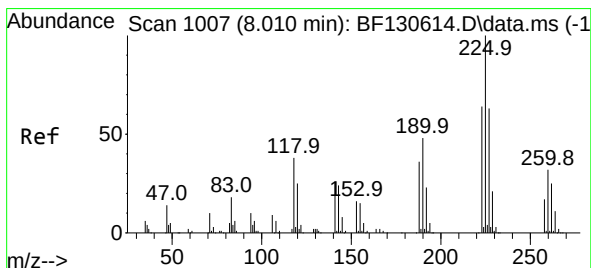
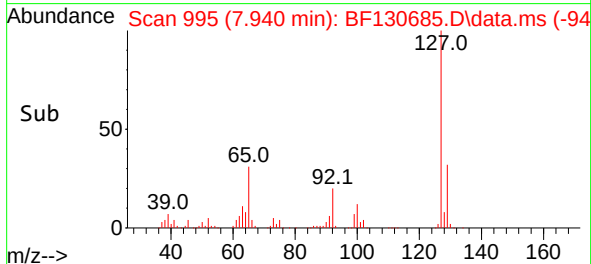
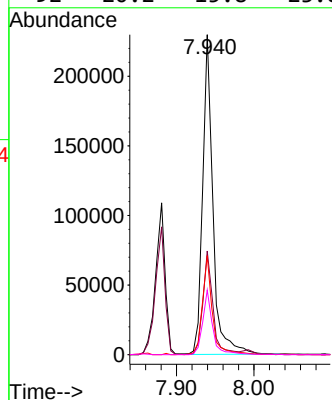
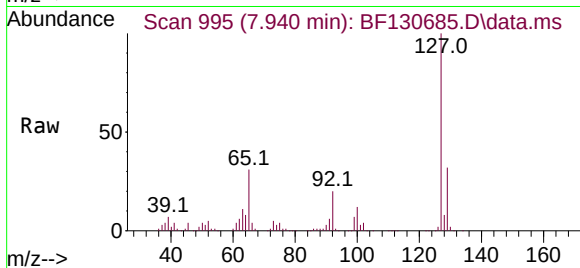
PB148379BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	30.9	24.7	37.1
92	20.2	15.8	23.8

Manual Integrations

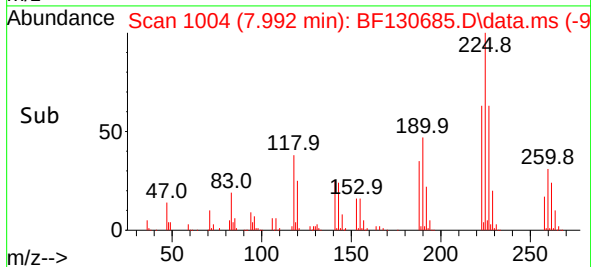
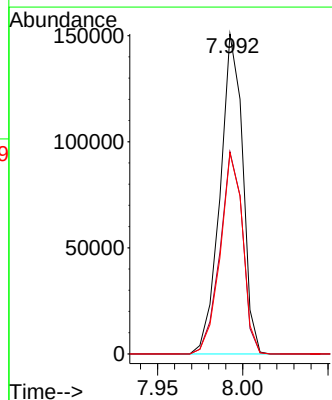
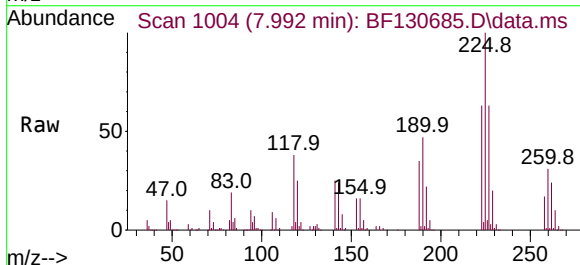
APPROVED

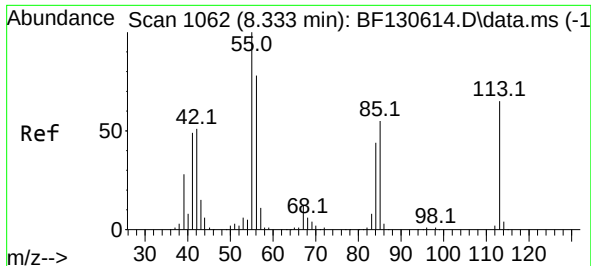
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#34
Hexachlorobutadiene
Concen: 46.343 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

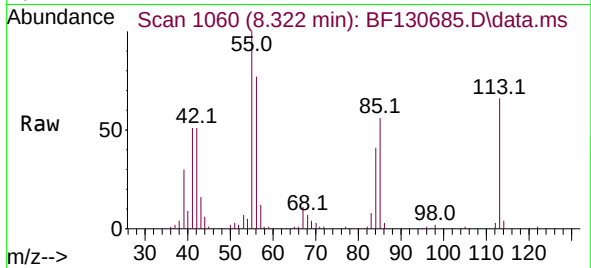
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.5	77.3
227	62.8	50.4	75.6





#35
 Caprolactam
 Concen: 48.532 ng m
 RT: 8.322 min Scan# 1060
 Delta R.T. -0.006 min
 Lab File: BF130685.D
 Acq: 17 Oct 2022 14:17

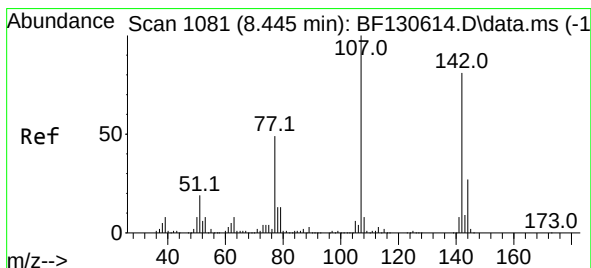
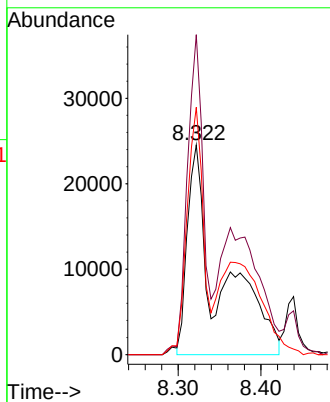
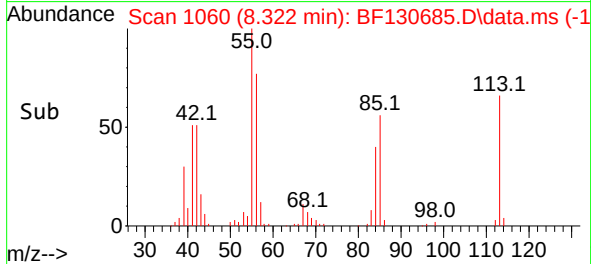
Instrument :
 BNA_F
 ClientSampleId :
 PB148379BSD



Tgt Ion:113 Resp: 65349
 Ion Ratio Lower Upper
 113 100
 55 152.7 134.3 174.3
 56 117.9 101.0 141.0

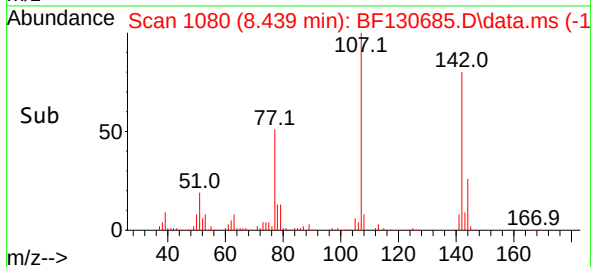
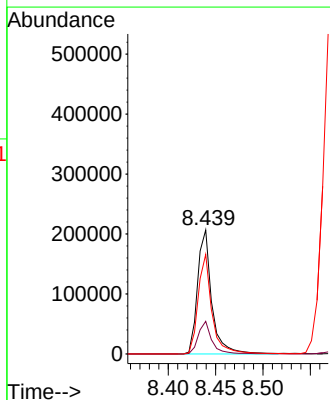
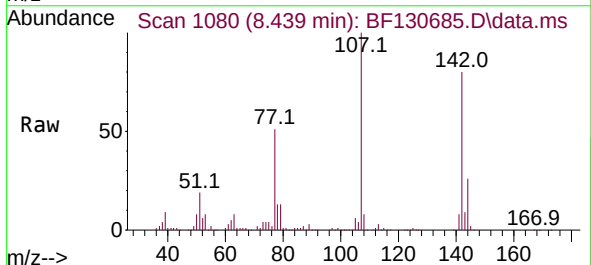
Manual Integrations
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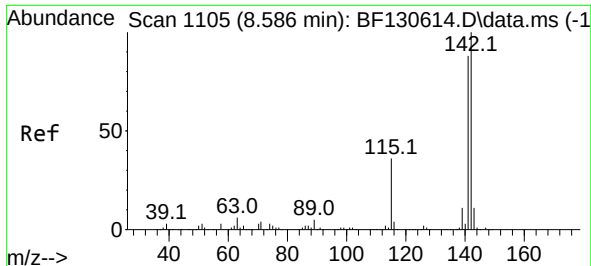
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.294 ng
 RT: 8.439 min Scan# 1080
 Delta R.T. 0.006 min
 Lab File: BF130685.D
 Acq: 17 Oct 2022 14:17

Tgt Ion:107 Resp: 215022
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.9 32.9
 142 80.2 64.6 96.8





#37

2-Methylnaphthalene

Concen: 45.245 ng

RT: 8.569 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion:142 Resp: 46822

Ion Ratio Lower Upper

142 100

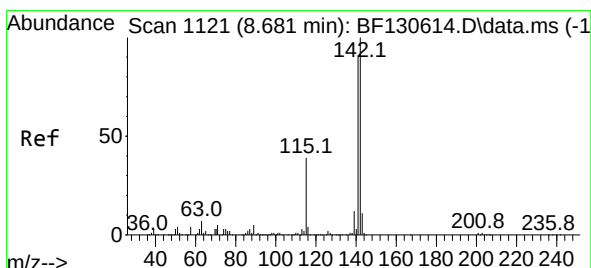
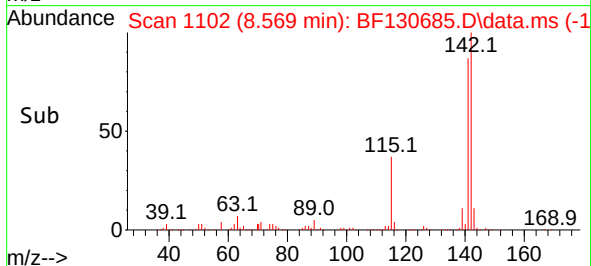
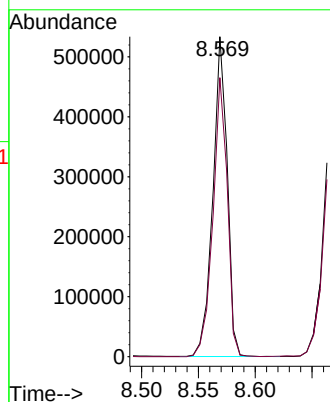
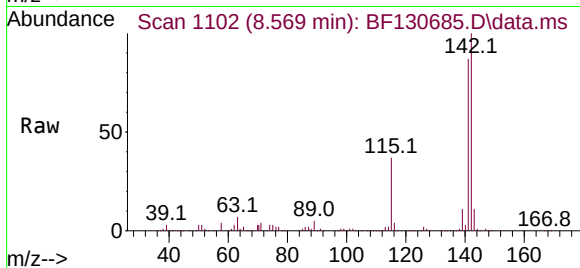
141 87.2 70.7 106.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#38

1-Methylnaphthalene

Concen: 43.674 ng

RT: 8.669 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF130685.D

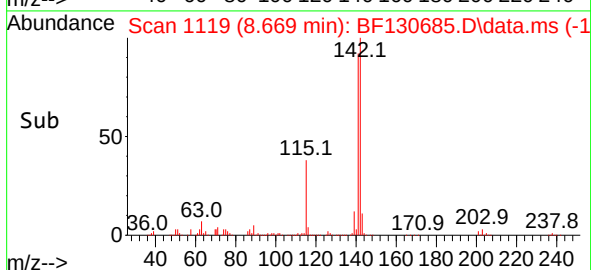
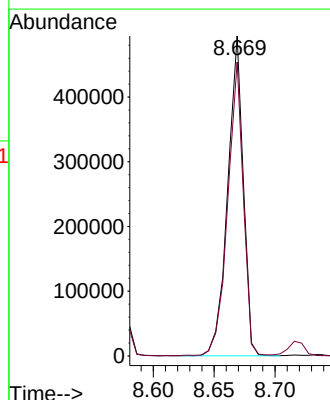
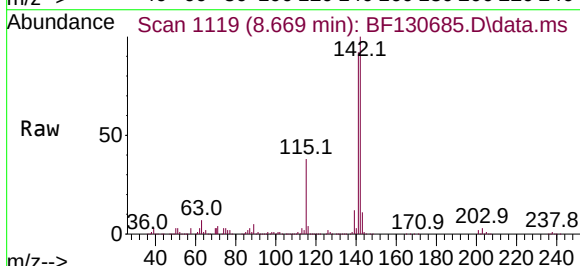
Acq: 17 Oct 2022 14:17

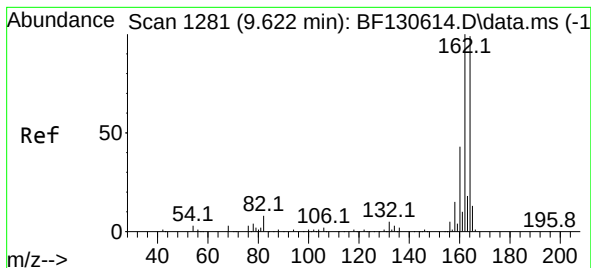
Tgt Ion:142 Resp: 438755

Ion Ratio Lower Upper

142 100

141 91.8 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130685.D

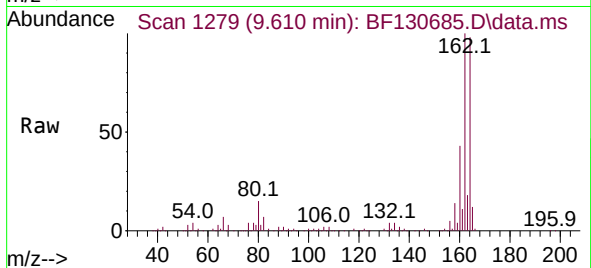
Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD



Tgt Ion:164 Resp: 166169

Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

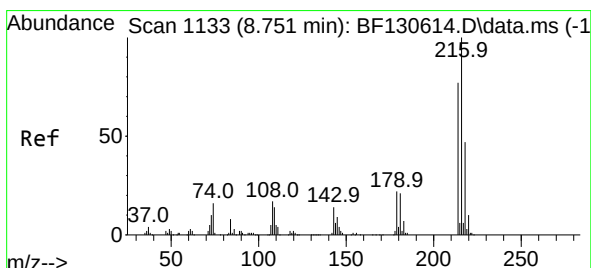
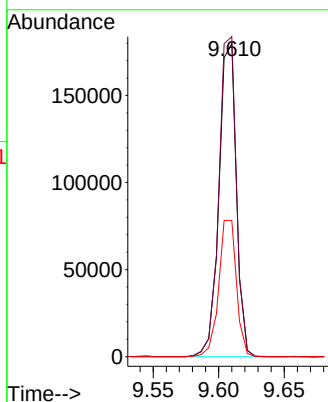
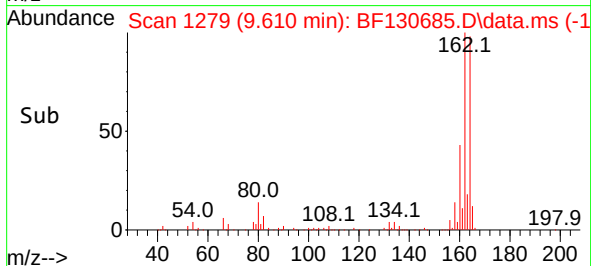
160 43.5 34.5 51.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.603 ng

RT: 8.734 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion:216 Resp: 219120

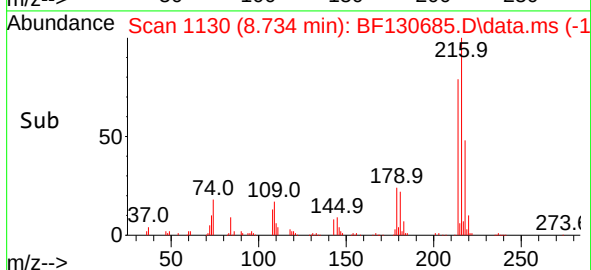
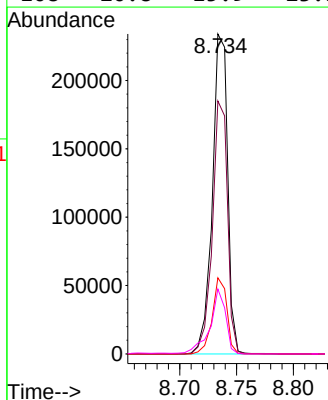
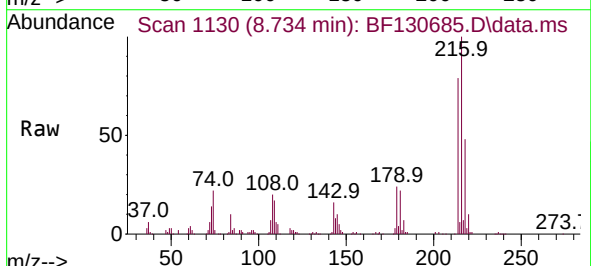
Ion Ratio Lower Upper

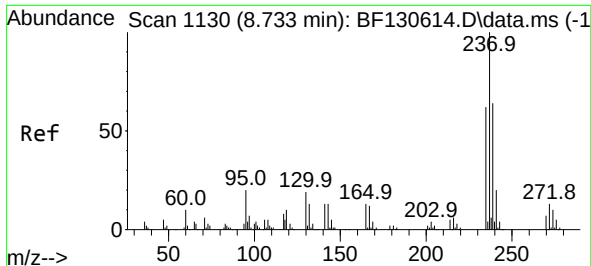
216 100

214 78.3 62.1 93.1

179 22.6 18.6 27.8

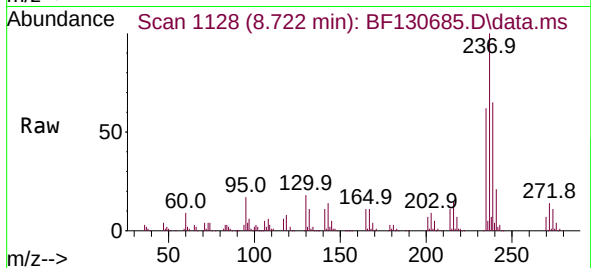
108 20.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 89.871 ng
RT: 8.722 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

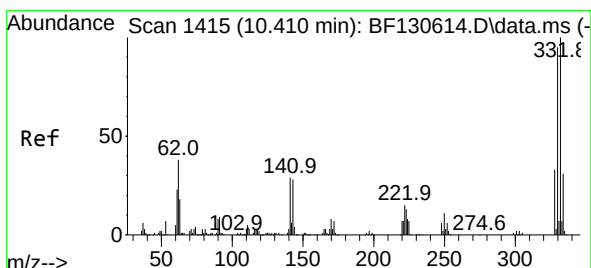
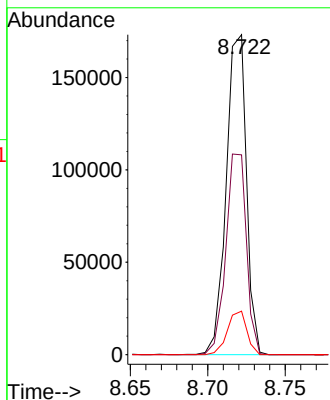
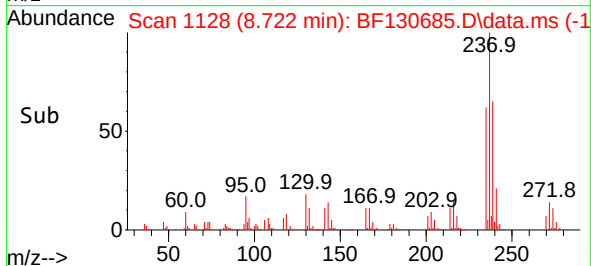
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



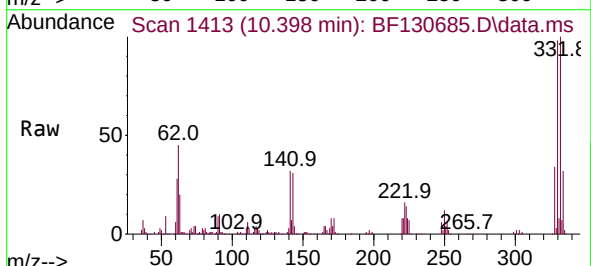
Tgt Ion:237 Resp: 15727
Ion Ratio Lower Upper
237 100
235 62.4 42.2 82.2
272 13.6 0.0 32.6

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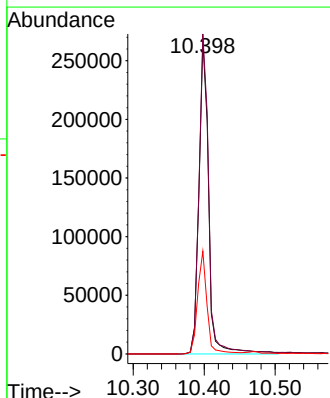
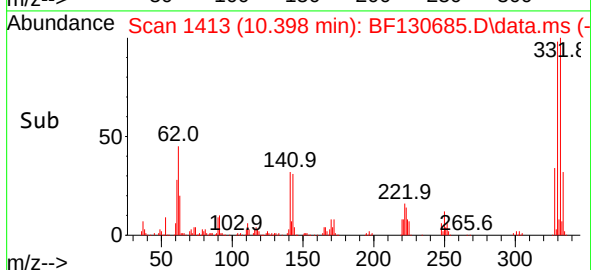
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

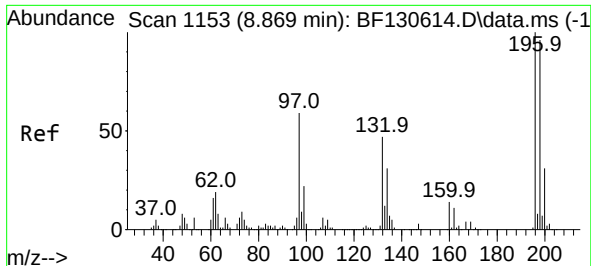


#42
2,4,6-Tribromophenol
Concen: 154.282 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



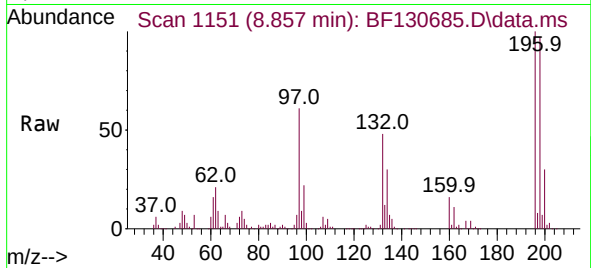
Tgt Ion:330 Resp: 250856
Ion Ratio Lower Upper
330 100
332 103.2 84.2 126.4
141 31.8 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 44.229 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

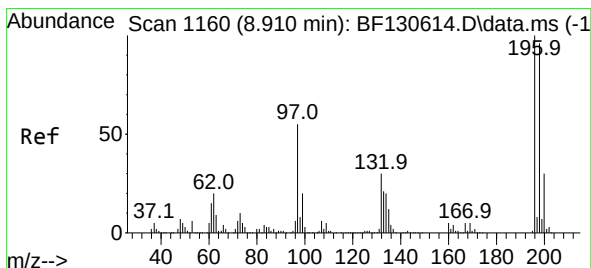
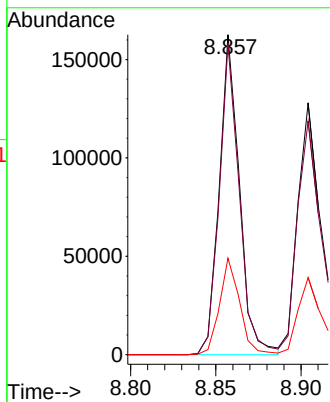
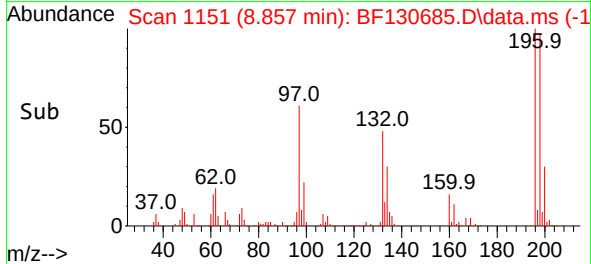
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



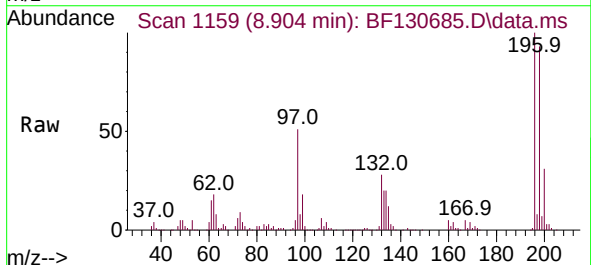
Tgt Ion:196 Resp: 133886
Ion Ratio Lower Upper
196 100
198 97.0 76.6 115.0
200 30.1 25.0 37.6

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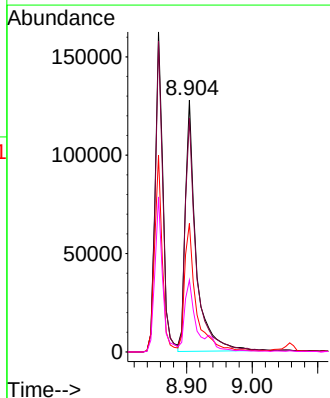
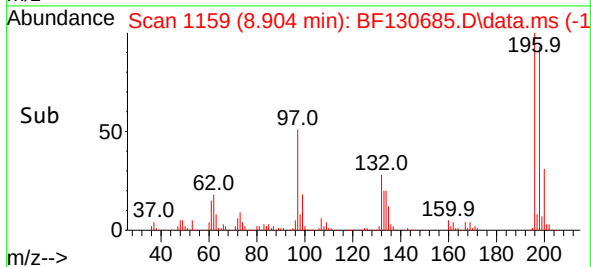
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

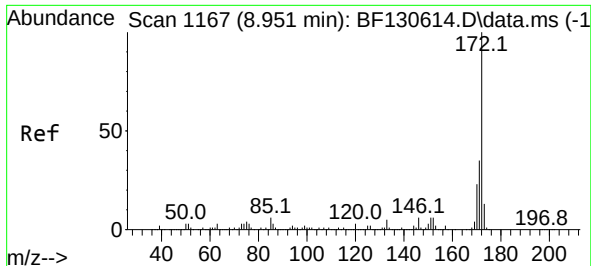


#44
2,4,5-Trichlorophenol
Concen: 44.136 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:196 Resp: 146928
Ion Ratio Lower Upper
196 100
198 92.8 76.6 114.8
97 51.0 44.3 66.5
132 28.5 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 89.416 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130685.D

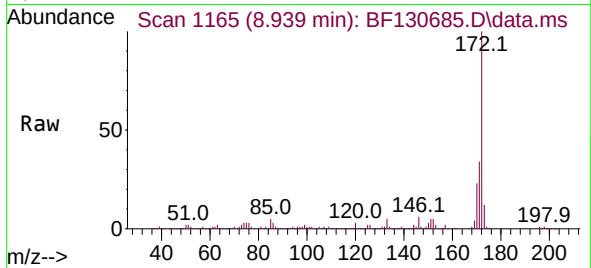
Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD



Tgt Ion:172 Resp: 980895

Ion Ratio Lower Upper

172 100

171 34.0 27.8 41.8

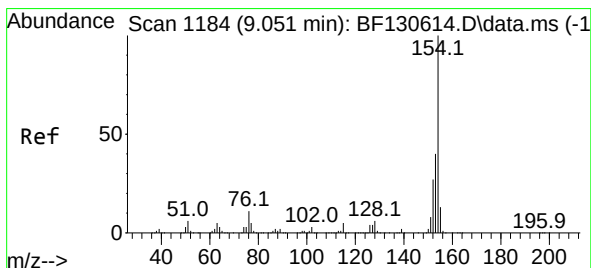
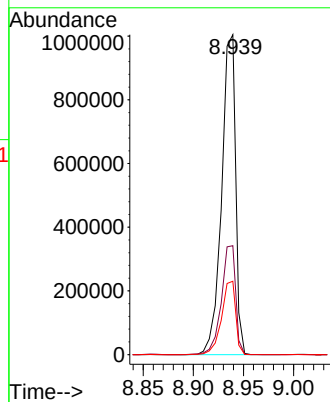
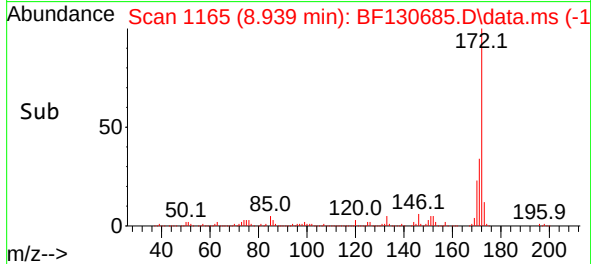
170 22.9 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#46

1,1'-Biphenyl

Concen: 47.506 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

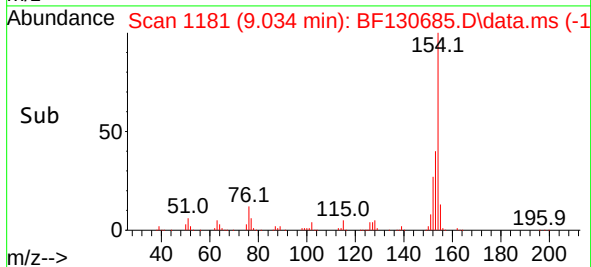
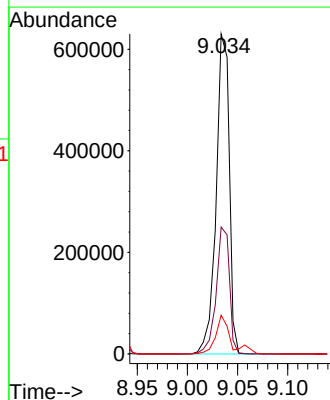
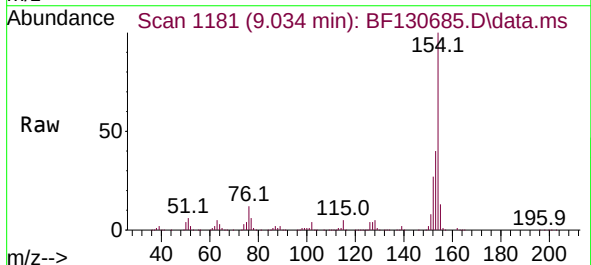
Tgt Ion:154 Resp: 572095

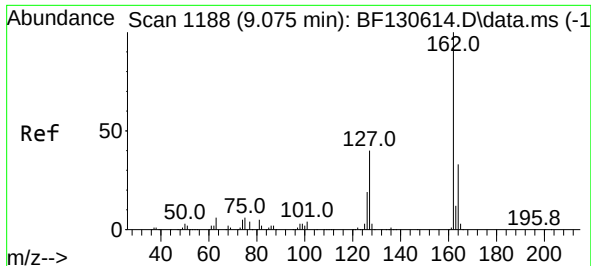
Ion Ratio Lower Upper

154 100

153 39.6 20.0 60.0

76 12.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.492 ng

RT: 9.057 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion: 162 Resp: 44774

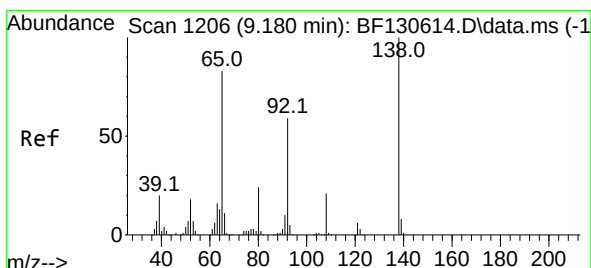
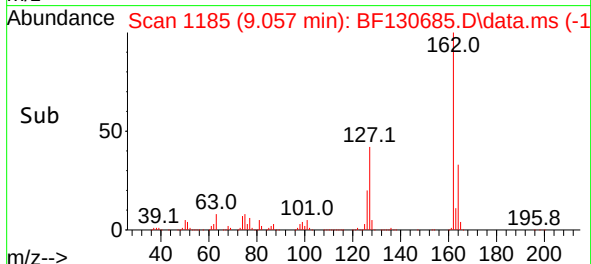
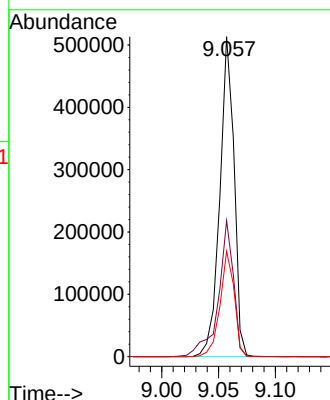
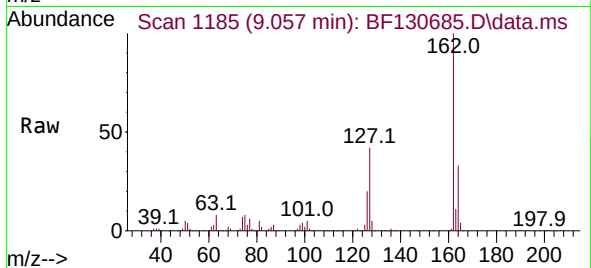
Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	49.0
164	33.0	26.3	39.5

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 10/18/2022

Supervised By : Jagrut Upadhyay 10/18/2022



#48

2-Nitroaniline

Concen: 44.968 ng

RT: 9.169 min Scan# 1204

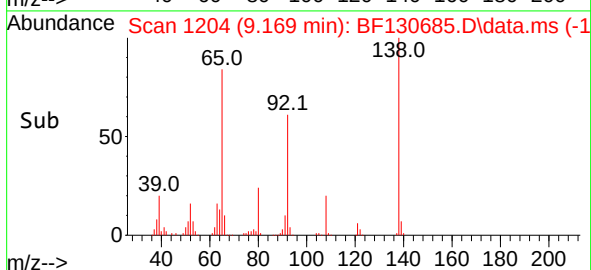
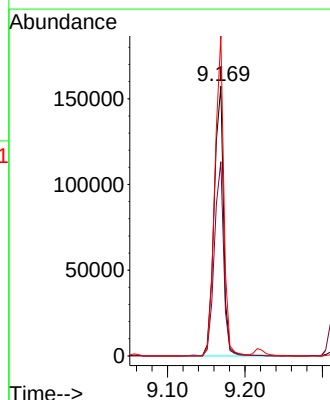
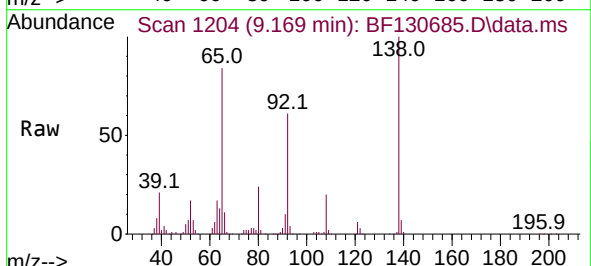
Delta R.T. 0.000 min

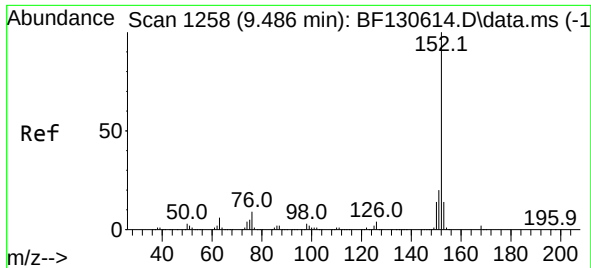
Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion: 65 Resp: 133231

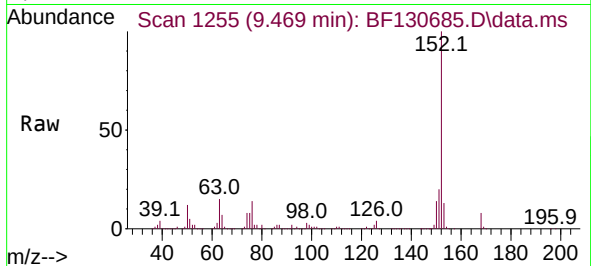
Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.4	86.0
138	118.7	96.7	145.1





#49
Acenaphthylene
Concen: 45.052 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

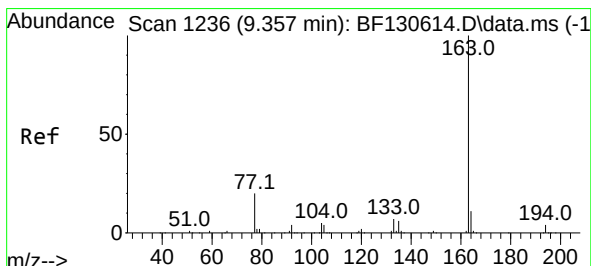
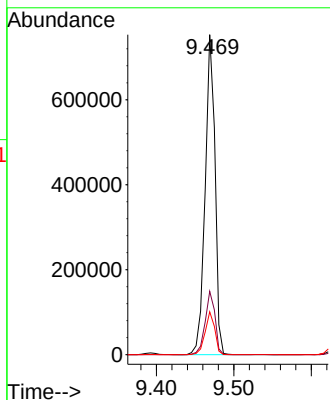
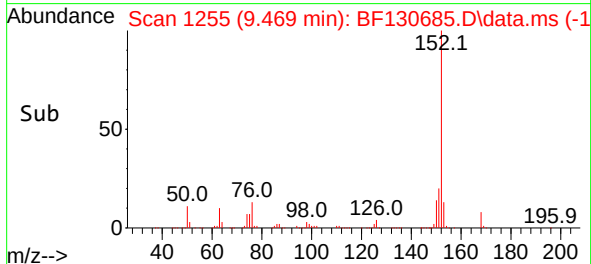
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



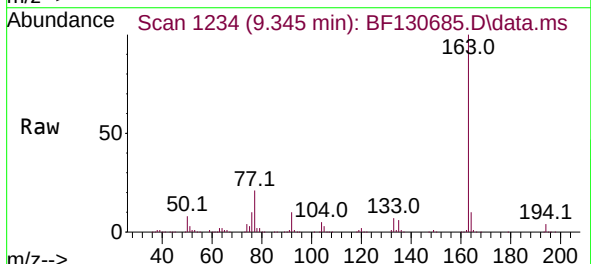
Tgt Ion:152 Resp: 664383
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.4 10.8 16.2

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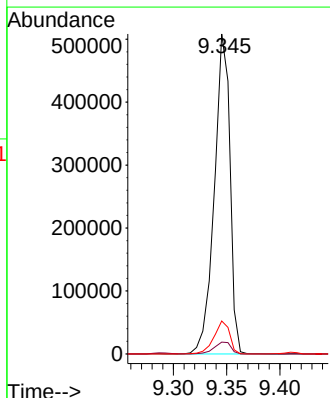
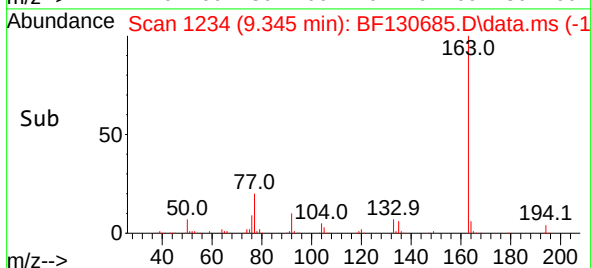
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

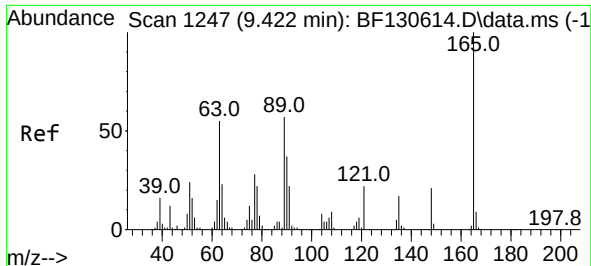


#50
Dimethylphthalate
Concen: 45.200 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



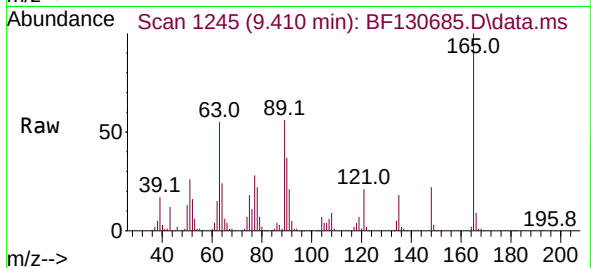
Tgt Ion:163 Resp: 519921
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.259 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

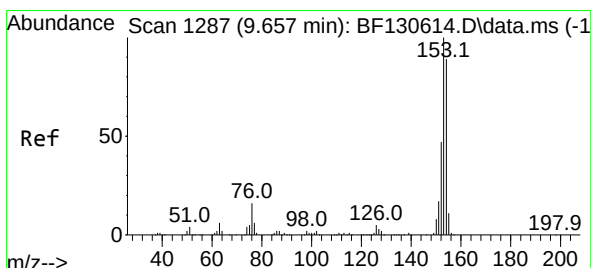
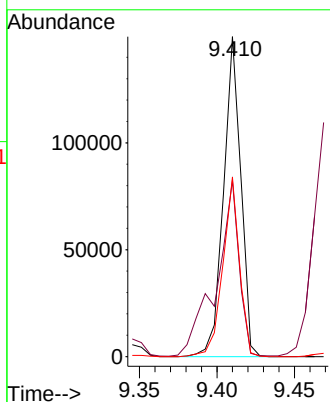
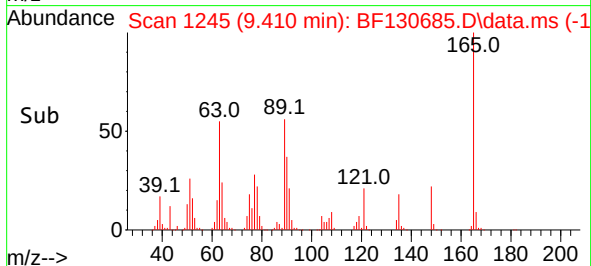
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:165 Resp: 11672
Ion Ratio Lower Upper
165 100
63 55.1 45.3 67.9
89 56.1 45.6 68.4

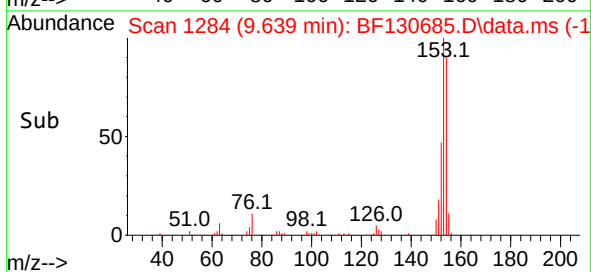
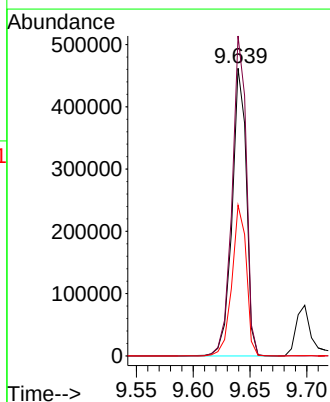
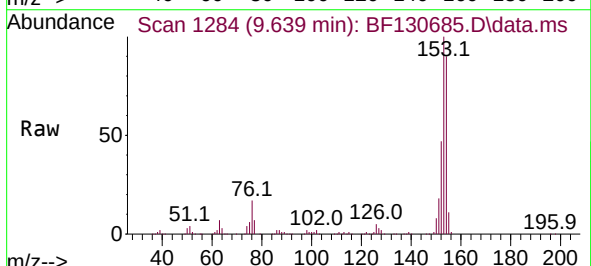
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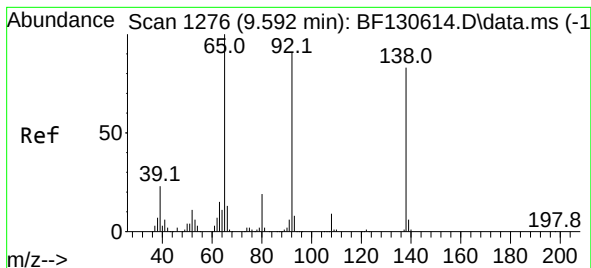
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#52
Acenaphthene
Concen: 45.313 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:154 Resp: 404859
Ion Ratio Lower Upper
154 100
153 111.2 89.6 134.4
152 52.3 42.4 63.6





#53

3-Nitroaniline

Concen: 34.534 ng

RT: 9.581 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion:138 Resp: 95516

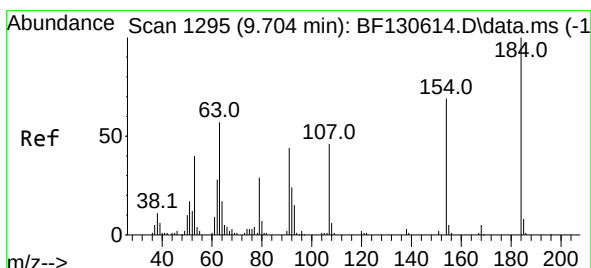
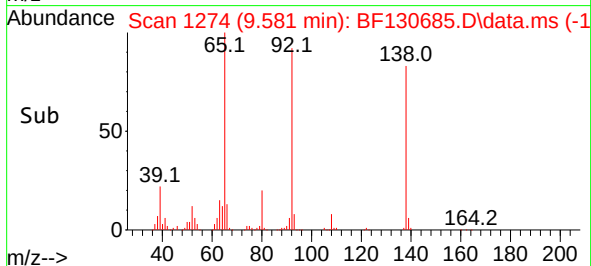
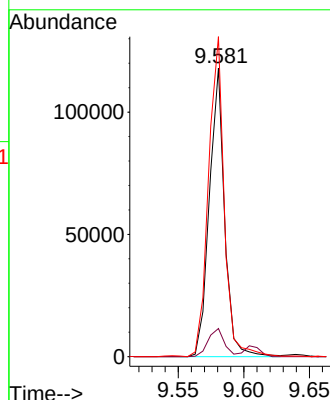
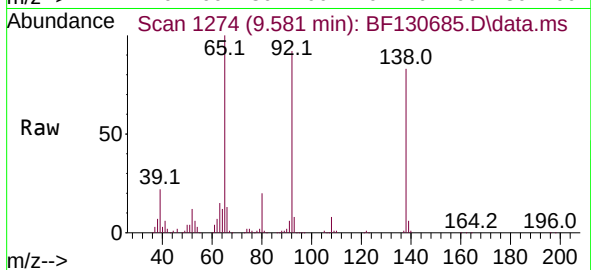
Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.4	12.6
92	110.9	88.2	132.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#54

2,4-Dinitrophenol

Concen: 88.843 ng

RT: 9.698 min Scan# 1294

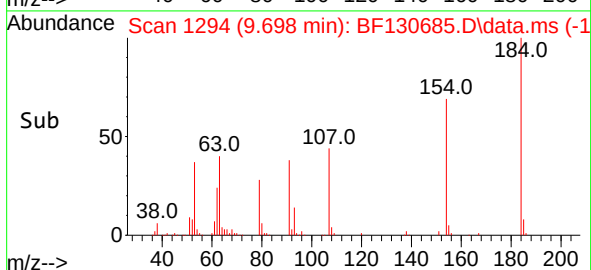
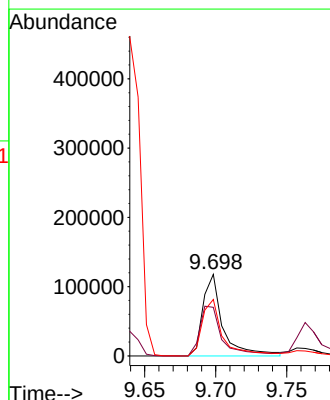
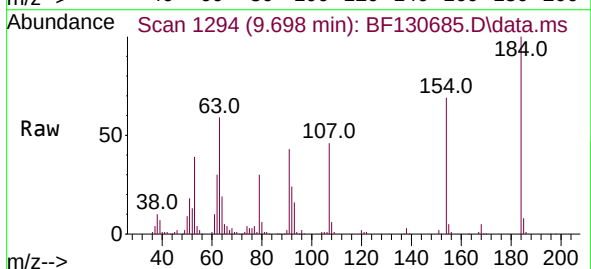
Delta R.T. 0.000 min

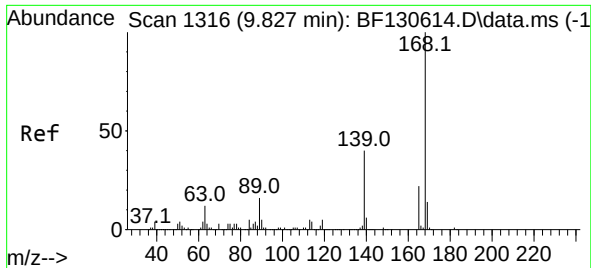
Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion:184 Resp: 114983

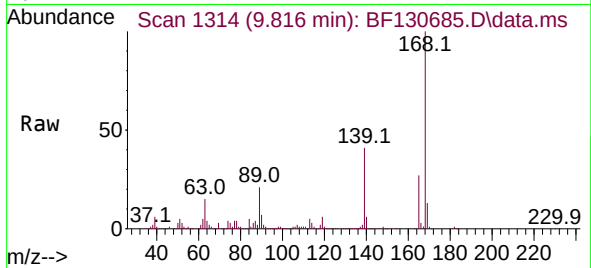
Ion	Ratio	Lower	Upper
184	100		
63	59.5	45.5	68.3
154	69.1	55.1	82.7





#55
Dibenzofuran
Concen: 45.360 ng
RT: 9.816 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

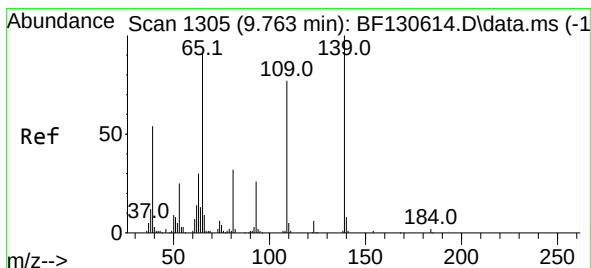
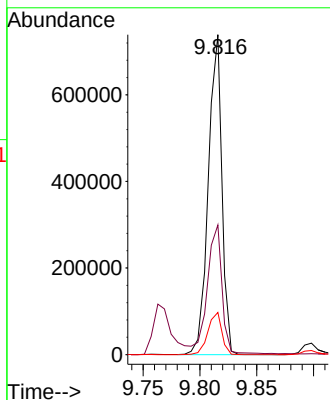
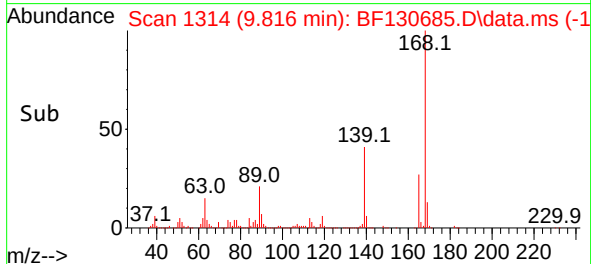
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:168 Resp: 617398
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.4
169 13.2 10.9 16.3

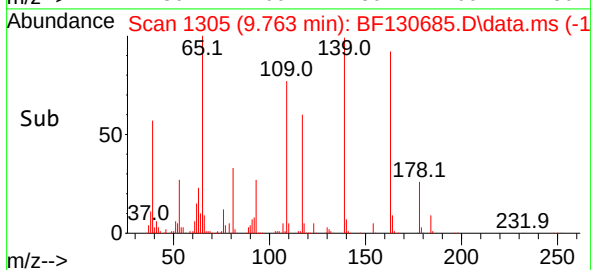
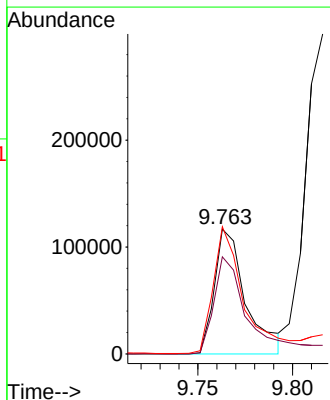
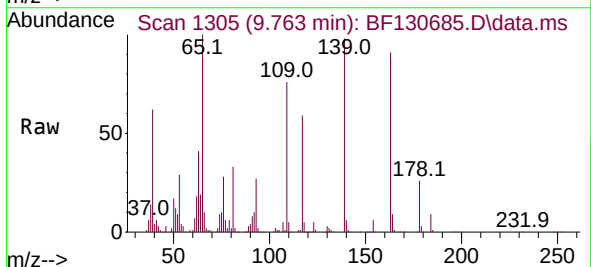
Manual Integrations
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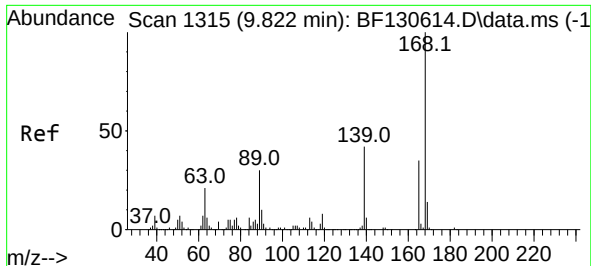
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#56
4-Nitrophenol
Concen: 87.970 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:139 Resp: 134155
Ion Ratio Lower Upper
139 100
109 77.8 57.4 97.4
65 101.9 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 49.152 ng

RT: 9.816 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion:165 Resp: 159391

Ion Ratio Lower Upper

165 100

63 56.1 50.6 76.0

89 77.9 68.6 102.8

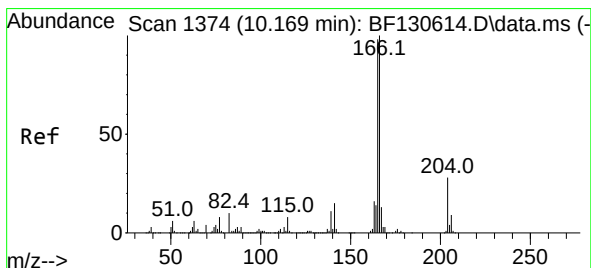
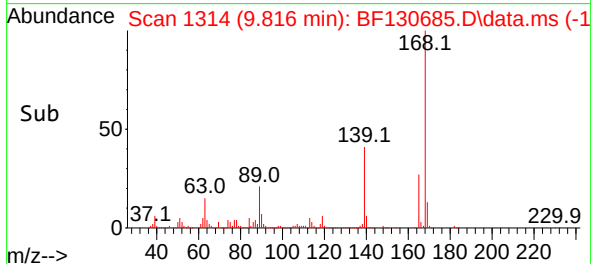
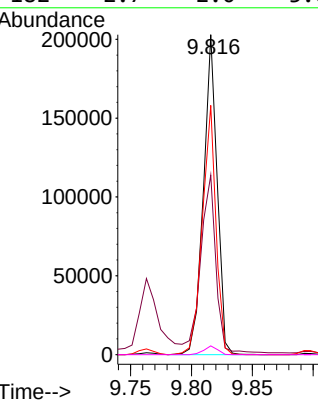
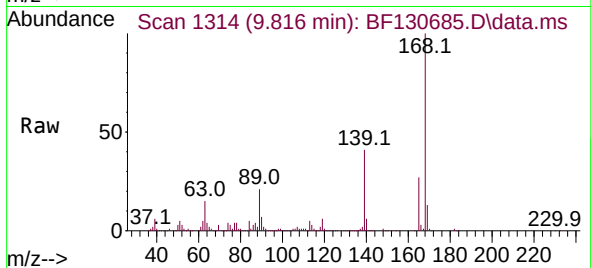
182 2.7 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#58

Fluorene

Concen: 45.447 ng

RT: 10.157 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

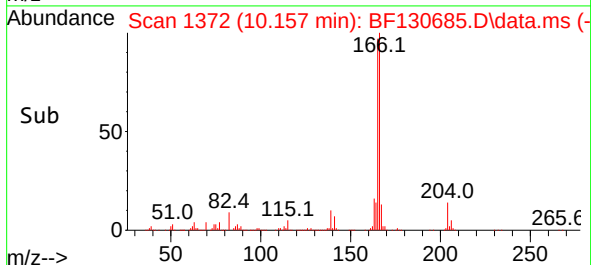
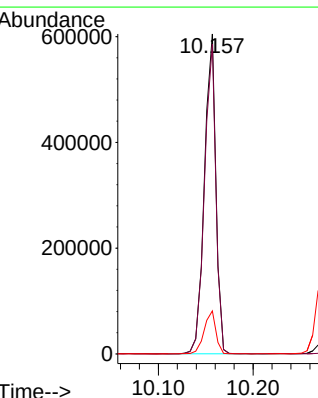
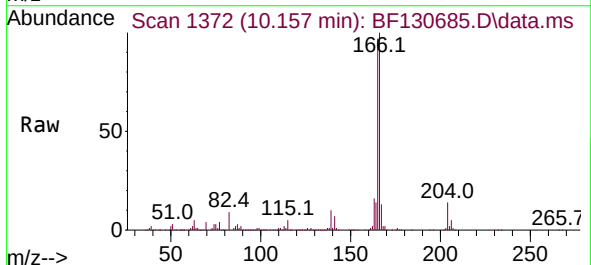
Tgt Ion:166 Resp: 508555

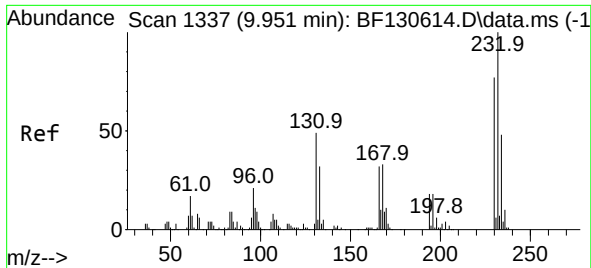
Ion Ratio Lower Upper

166 100

165 96.8 78.2 117.4

167 13.4 10.8 16.2





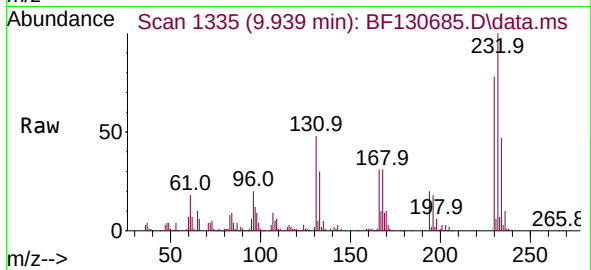
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.657 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

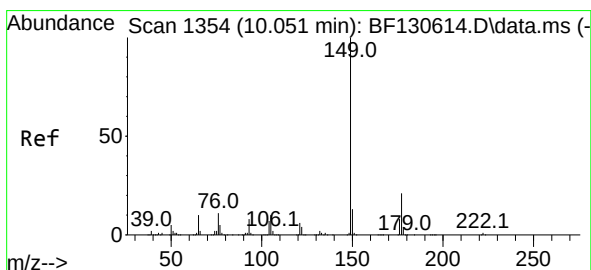
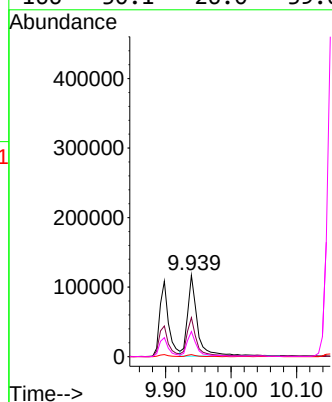
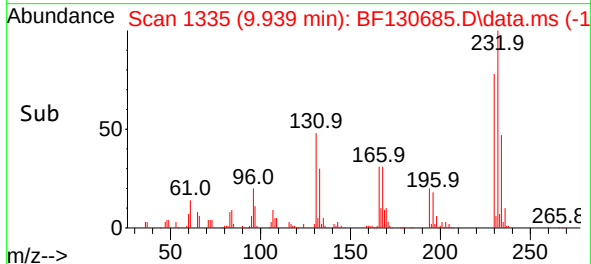


Tgt Ion:232 Resp: 121172
Ion Ratio Lower Upper
232 100
131 49.1 41.4 62.0
130 2.6 2.1 3.1
166 30.1 26.0 39.0

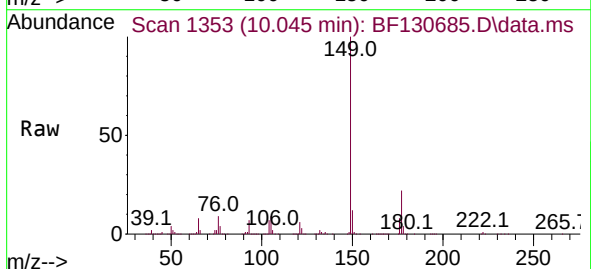
Manual Integrations

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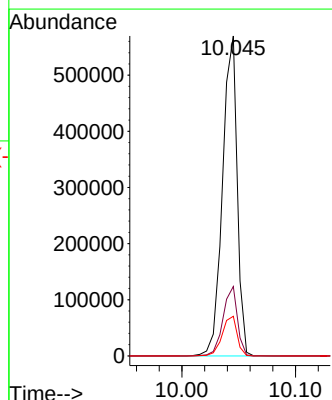
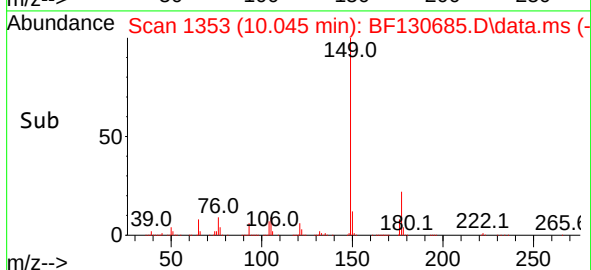
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

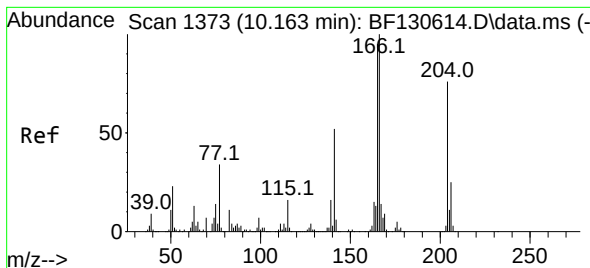


#60
Diethylphthalate
Concen: 44.409 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



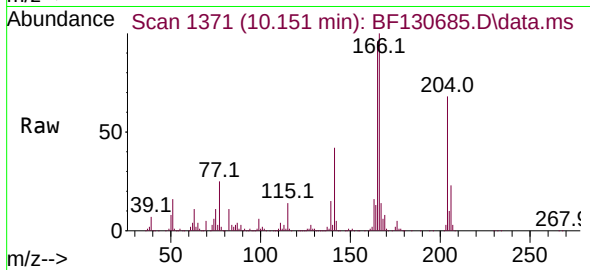
Tgt Ion:149 Resp: 509670
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 46.407 ng
RT: 10.151 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

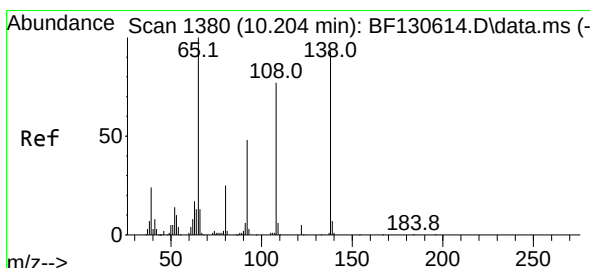
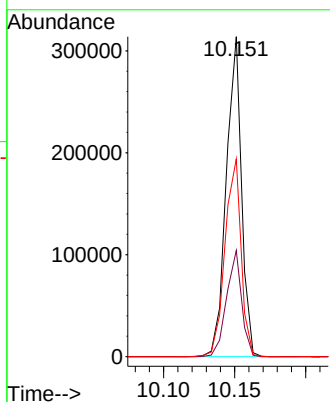
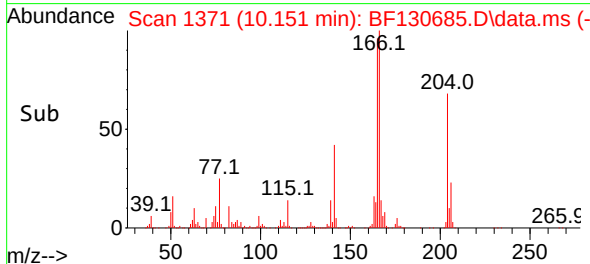
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



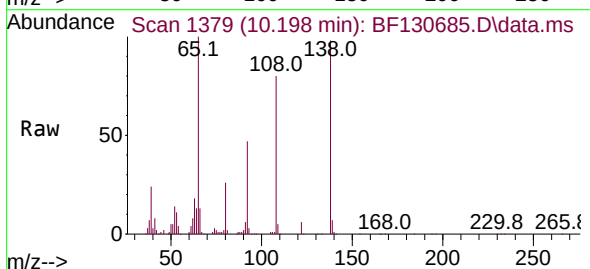
Tgt Ion:204 Resp: 234778
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 61.8 54.6 81.8

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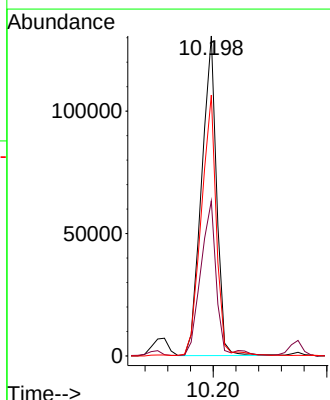
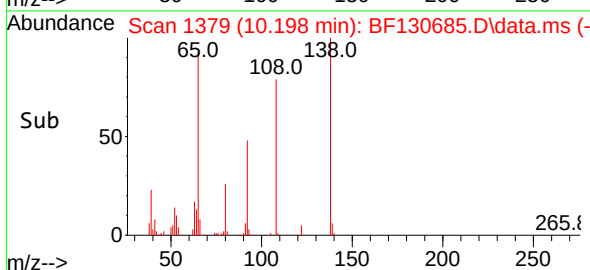
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

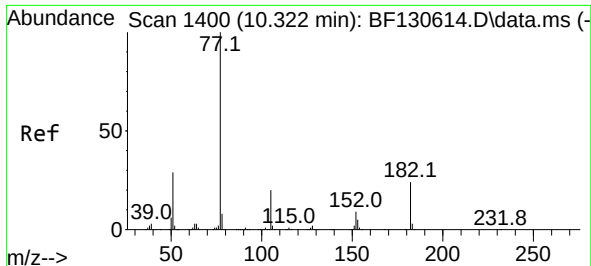


#62
4-Nitroaniline
Concen: 45.568 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



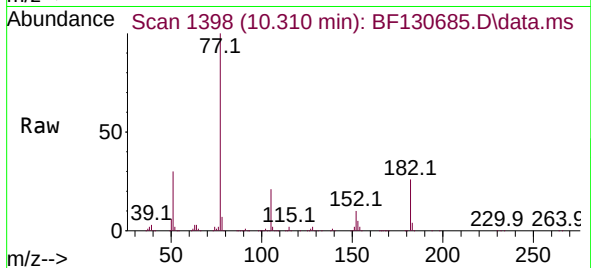
Tgt Ion:138 Resp: 120332
Ion Ratio Lower Upper
138 100
92 48.4 31.1 71.1
108 81.5 62.1 102.1





#63
Azobenzene
Concen: 42.516 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

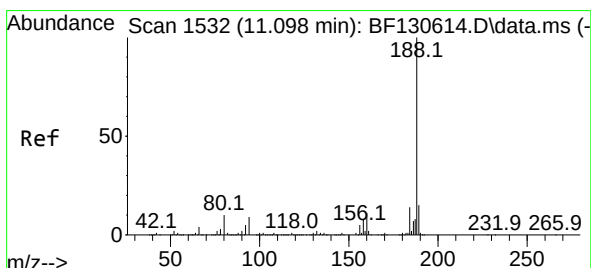
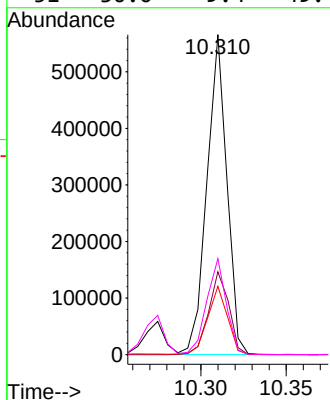
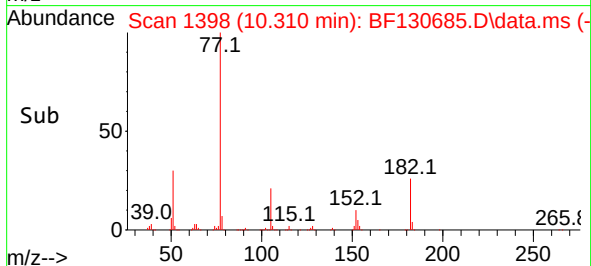
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



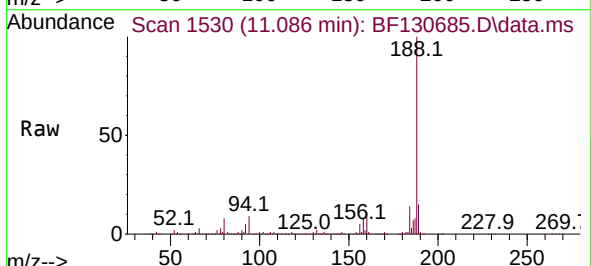
Tgt Ion: 77 Resp: 459585
Ion Ratio Lower Upper
77 100
182 25.9 3.8 43.8
105 21.3 0.3 40.3
51 30.0 9.4 49.4

Manual Integrations
APPROVED

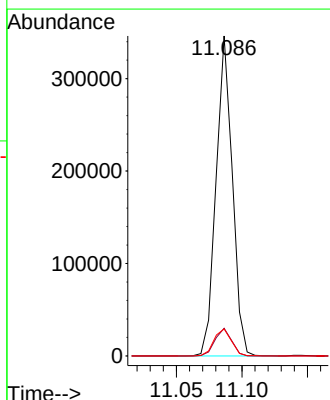
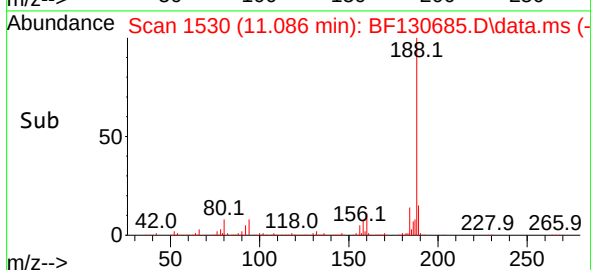
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

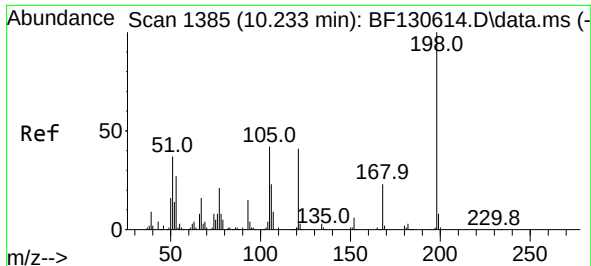


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:188 Resp: 299023
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 8.4 8.0 12.0





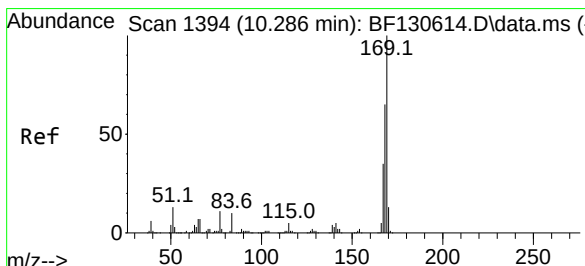
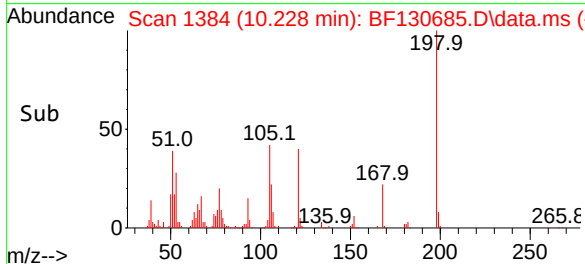
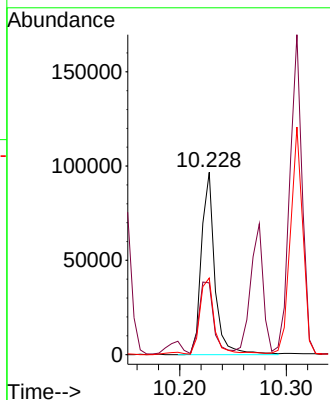
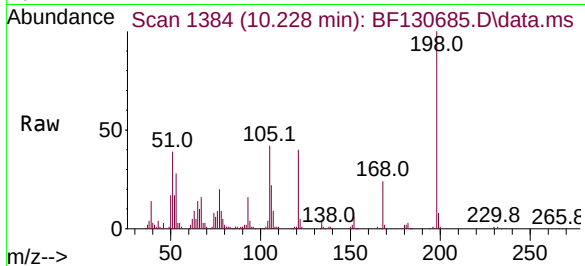
#65
4,6-Dinitro-2-methylphenol
Concen: 44.956 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :
BNA_F
ClientSampleId :
PB148379BSD

Tgt Ion:198 Resp: 8400
Ion Ratio Lower Upper
198 100
51 39.3 18.7 58.7
105 42.0 22.0 62.0

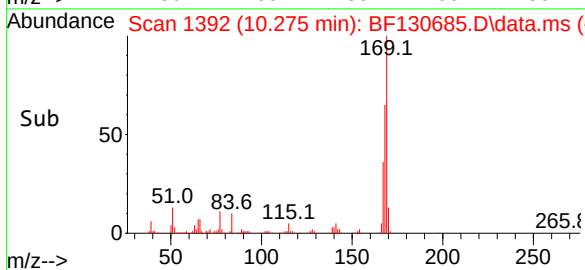
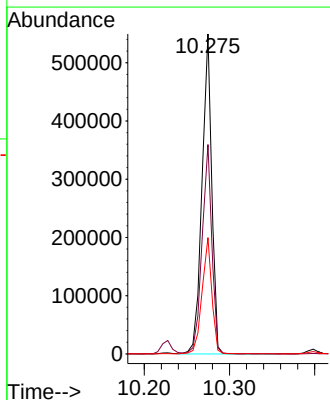
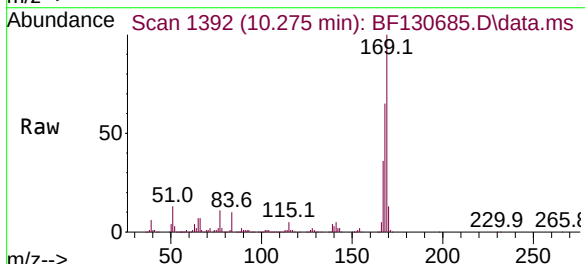
Manual Integrations
APPROVED

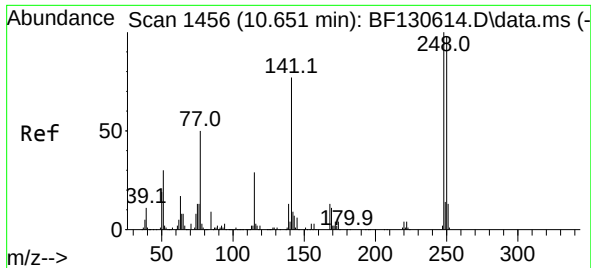
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 43.898 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

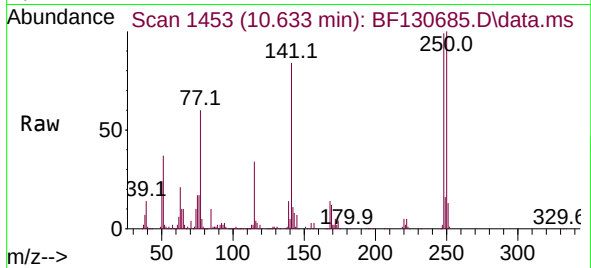
Tgt Ion:169 Resp: 436639
Ion Ratio Lower Upper
169 100
168 65.4 52.2 78.4
167 36.3 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 45.398 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

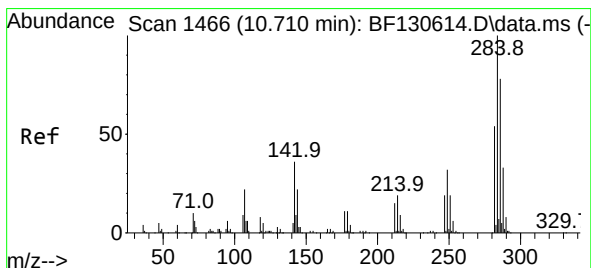
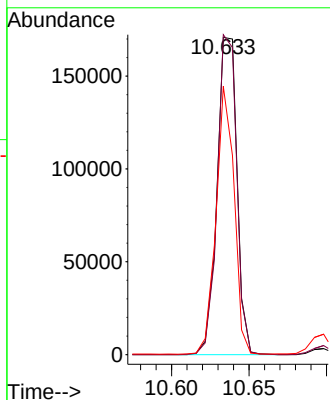
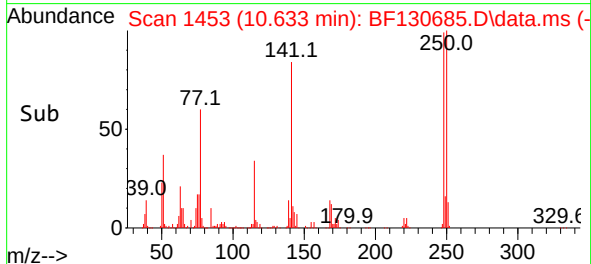
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



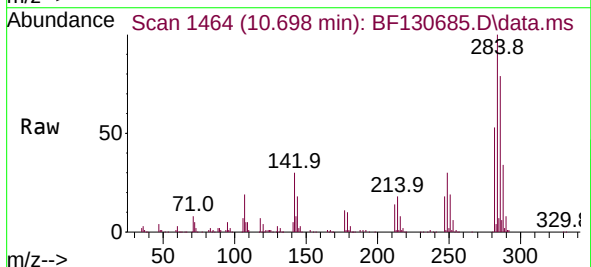
Tgt Ion:248 Resp: 153601
Ion Ratio Lower Upper
248 100
250 100.9 78.7 118.1
141 84.6 61.6 92.4

Manual Integrations
APPROVED

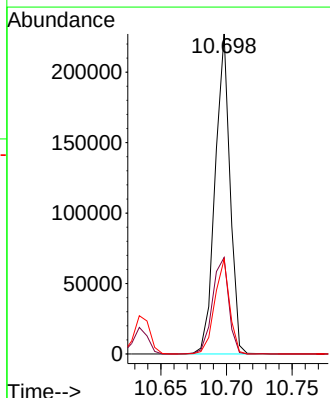
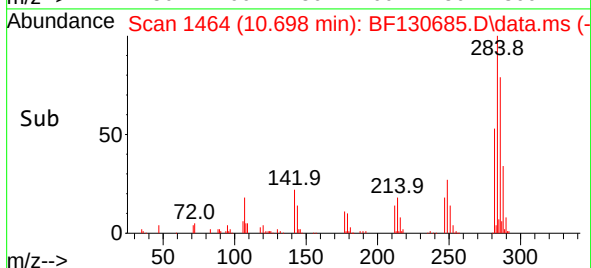
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

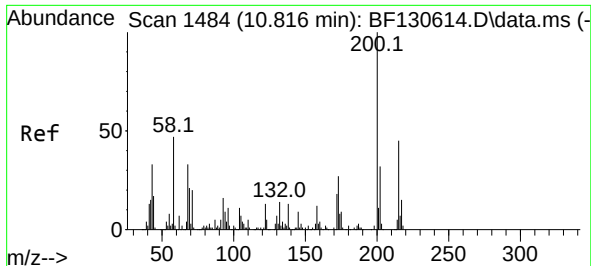


#68
Hexachlorobenzene
Concen: 46.976 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



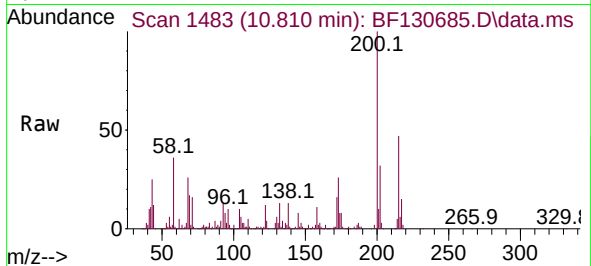
Tgt Ion:284 Resp: 179669
Ion Ratio Lower Upper
284 100
142 30.1 28.6 42.8
249 29.6 25.2 37.8





#69
Atrazine
Concen: 54.341 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

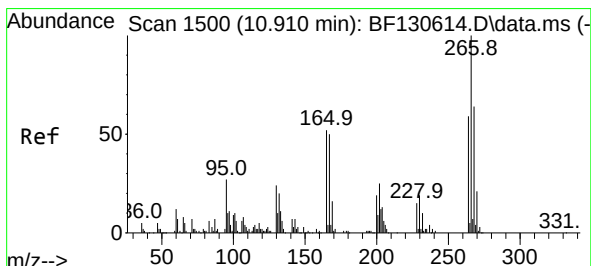
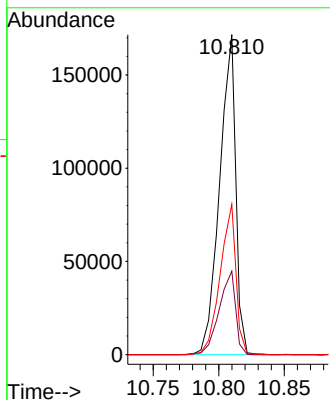
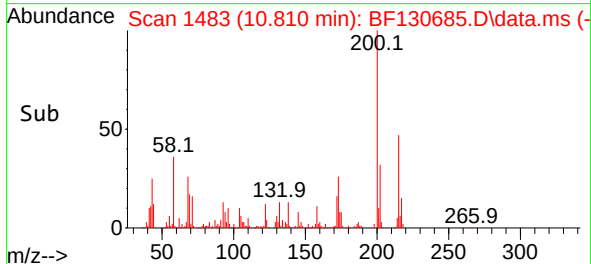
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



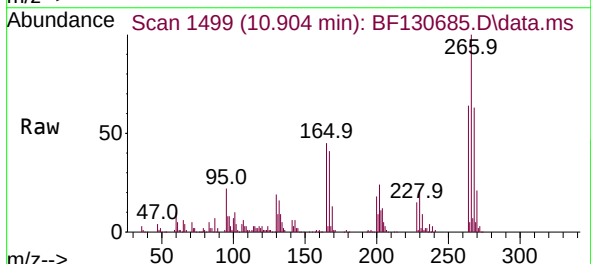
Tgt Ion:200 Resp: 147185
Ion Ratio Lower Upper
200 100
173 26.1 7.1 47.1
215 46.9 24.9 64.9

Manual Integrations
APPROVED

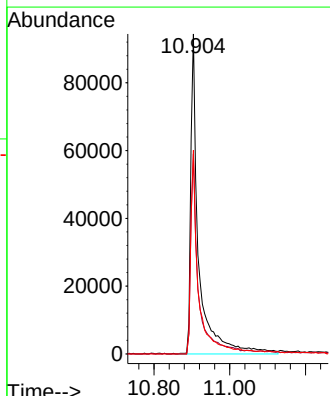
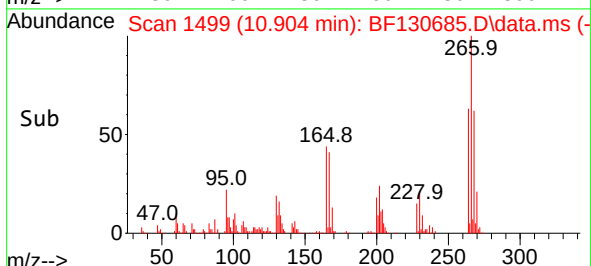
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

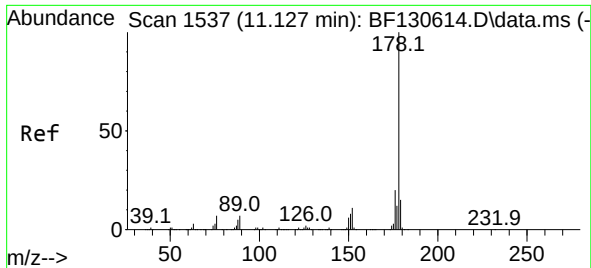


#70
Pentachlorophenol
Concen: 92.348 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:266 Resp: 137467
Ion Ratio Lower Upper
266 100
268 62.5 50.8 76.2
264 63.6 47.5 71.3





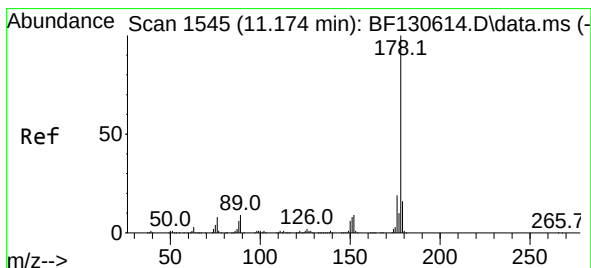
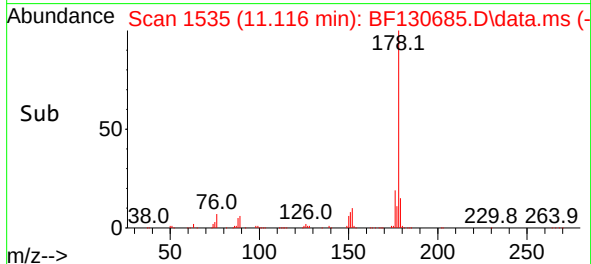
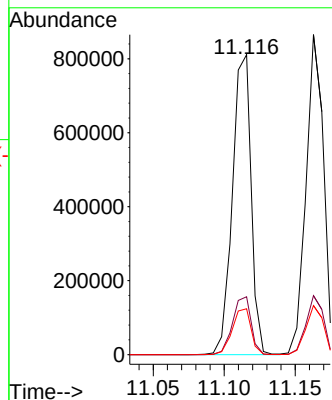
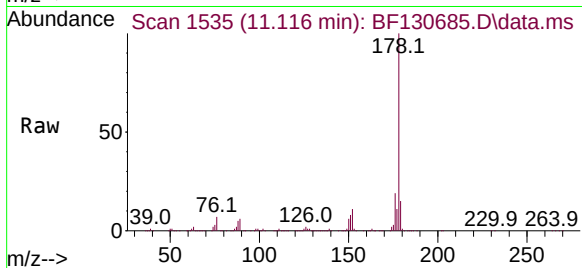
#71
Phenanthrene
Concen: 44.825 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :
BNA_F
ClientSampleId :
PB148379BSD

Tgt Ion:178 Resp: 742609
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.3 12.2 18.4

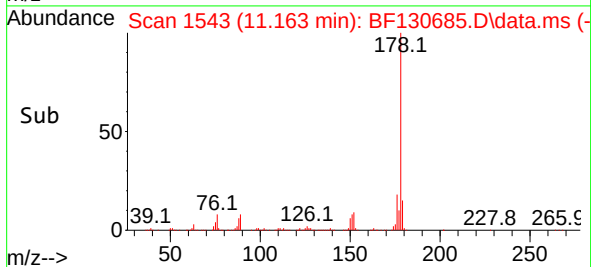
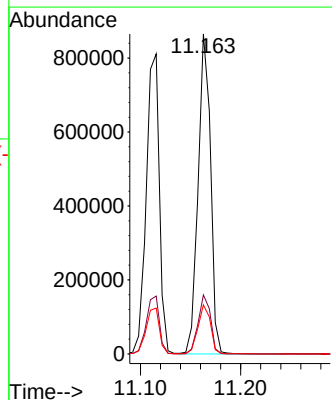
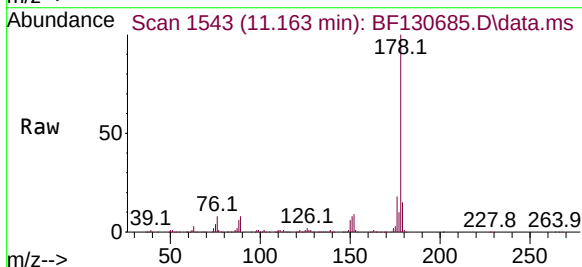
Manual Integrations
APPROVED

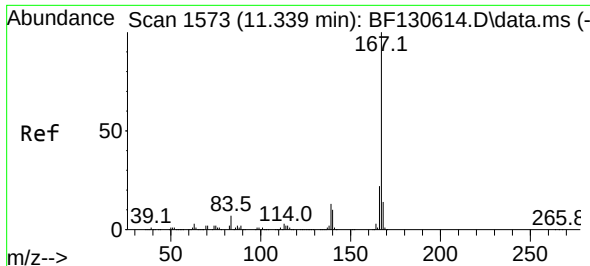
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#72
Anthracene
Concen: 45.902 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

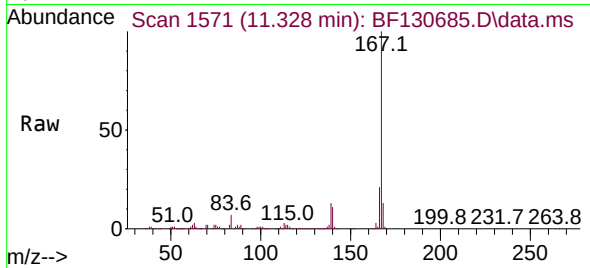
Tgt Ion:178 Resp: 742690
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.5 18.7





#73
Carbazole
Concen: 48.264 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

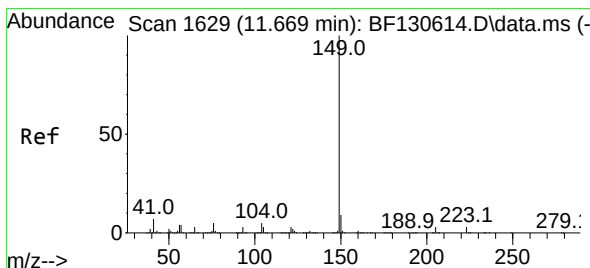
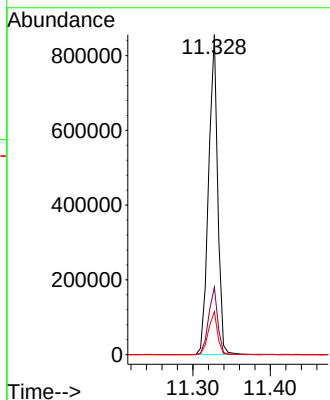
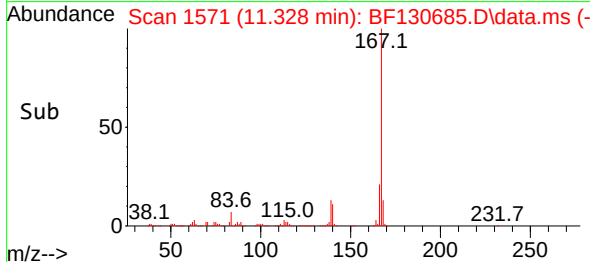
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



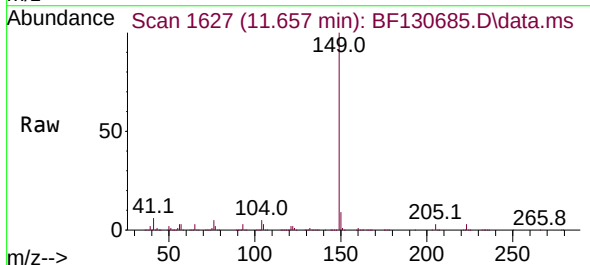
Tgt Ion:167 Resp: 696813
Ion Ratio Lower Upper
167 100
166 21.1 17.3 25.9
139 13.4 10.7 16.1

Manual Integrations
APPROVED

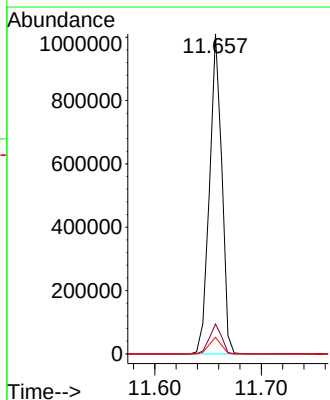
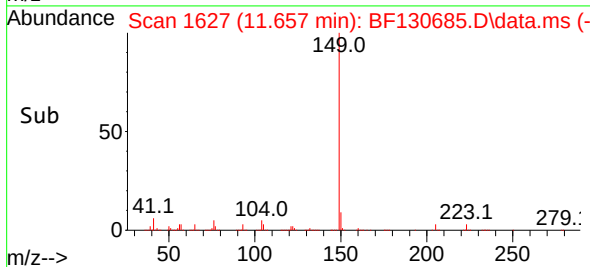
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

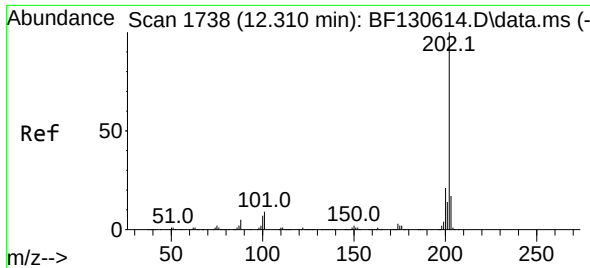


#74
Di-n-butylphthalate
Concen: 46.175 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



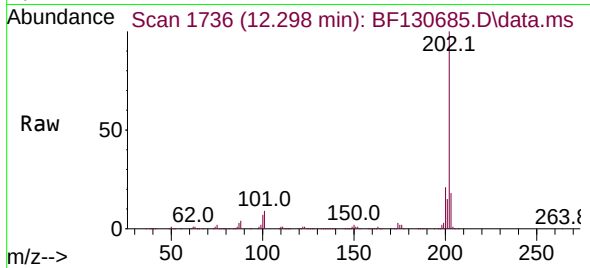
Tgt Ion:149 Resp: 807538
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 50.232 ng
RT: 12.298 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

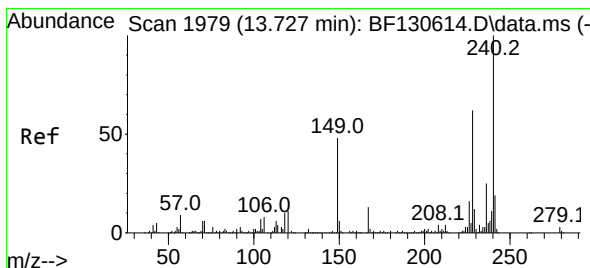
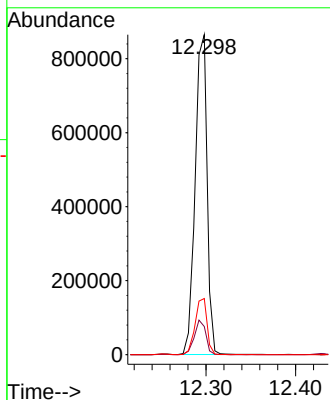
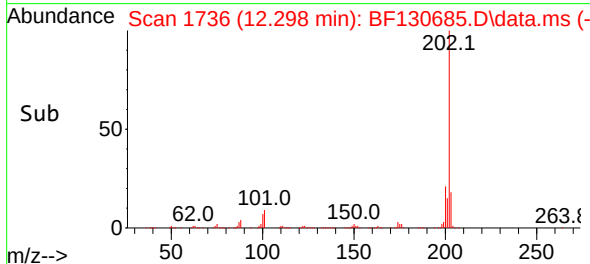
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



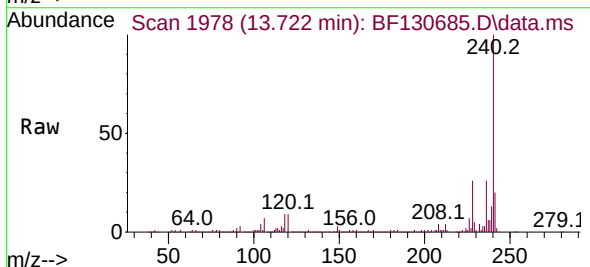
Tgt Ion:202 Resp: 799815
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.1
203 17.5 0.0 37.3

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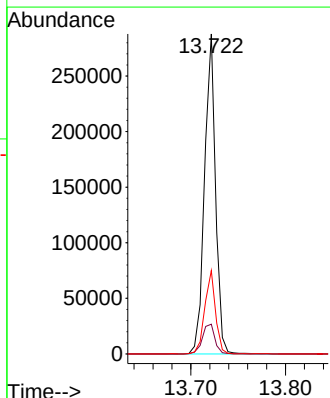
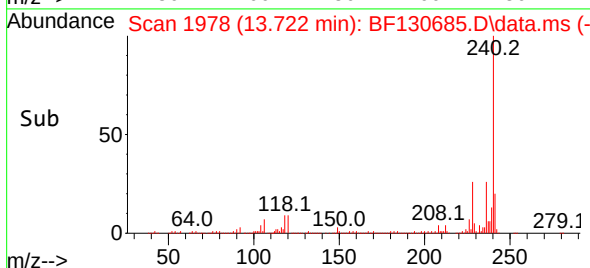
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

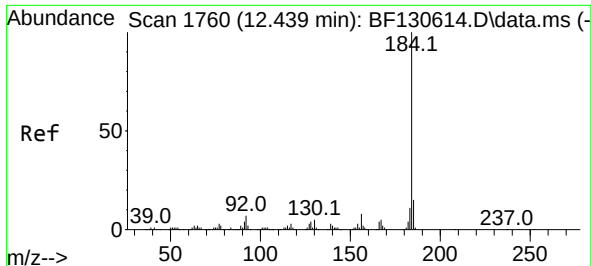


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:240 Resp: 233113
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 26.0 20.2 30.4





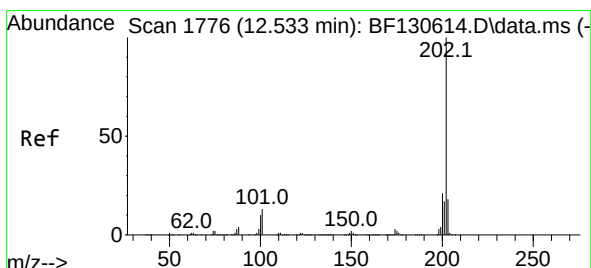
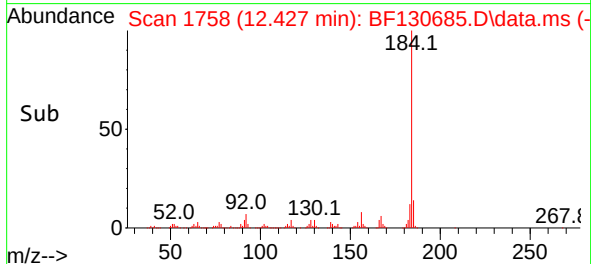
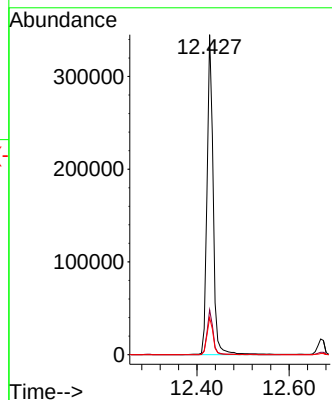
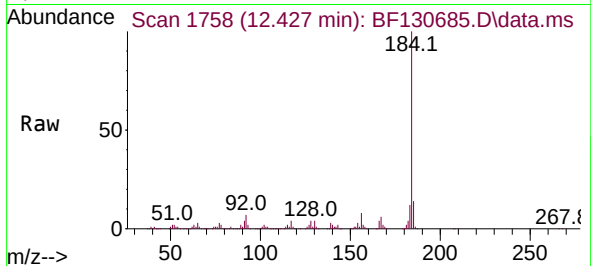
#77
Benzidine
Concen: 53.401 ng
RT: 12.427 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Instrument :
BNA_F
ClientSampleId :
PB148379BSD

Tgt Ion:184 Resp: 314653
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.5 9.0 13.4

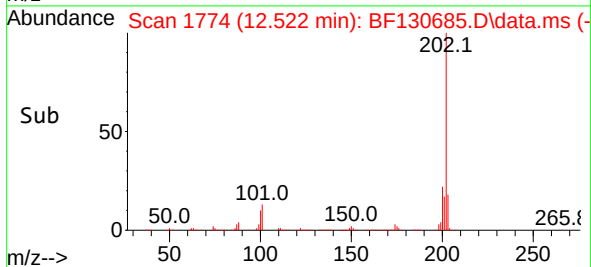
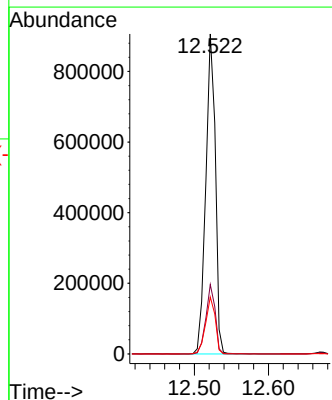
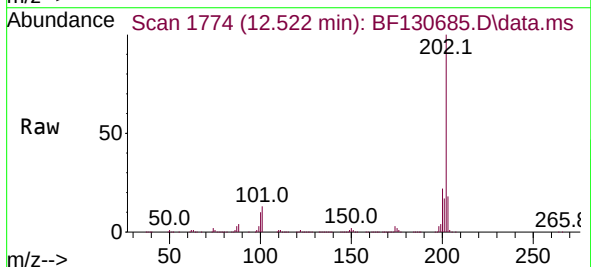
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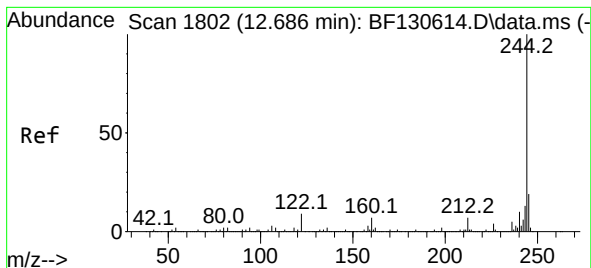
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#78
Pyrene
Concen: 40.343 ng
RT: 12.522 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:202 Resp: 811327
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 84.941 ng

RT: 12.675 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion:244 Resp: 119301

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

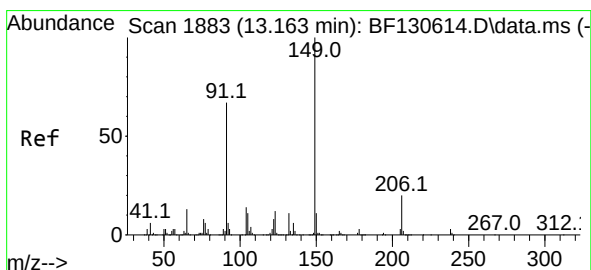
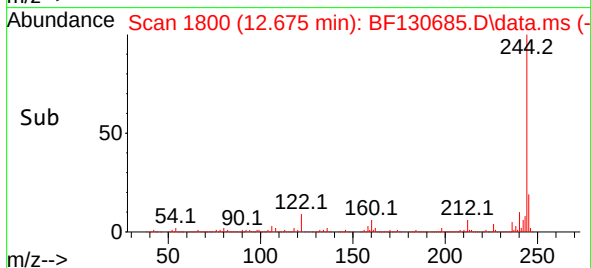
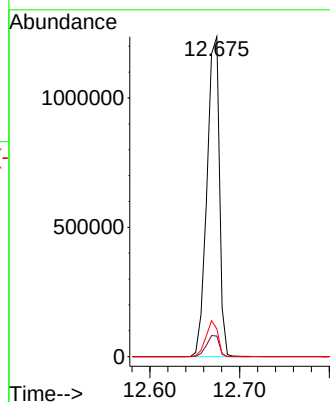
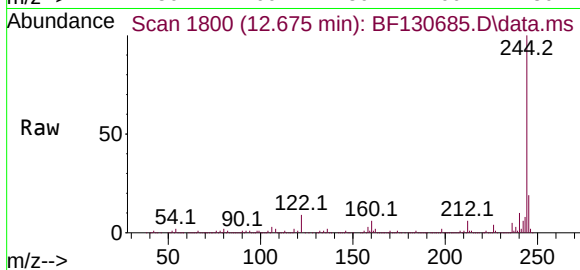
122 8.7 7.5 11.3

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#80

Butylbenzylphthalate

Concen: 44.709 ng

RT: 13.151 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

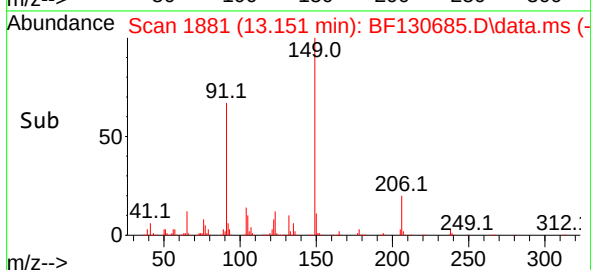
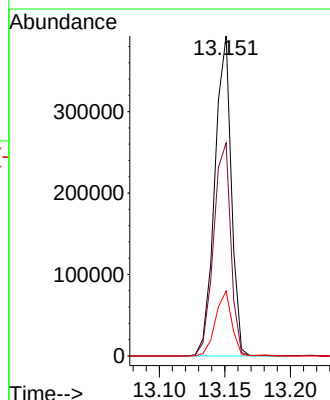
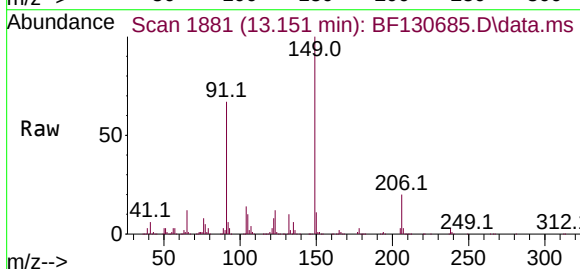
Tgt Ion:149 Resp: 345739

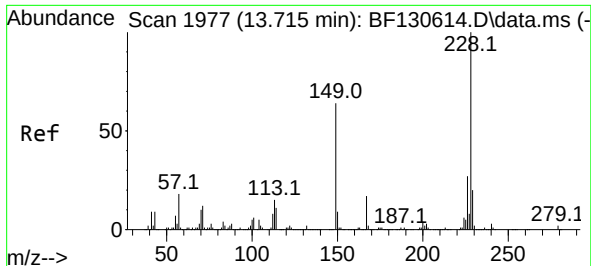
Ion Ratio Lower Upper

149 100

91 66.5 53.8 80.8

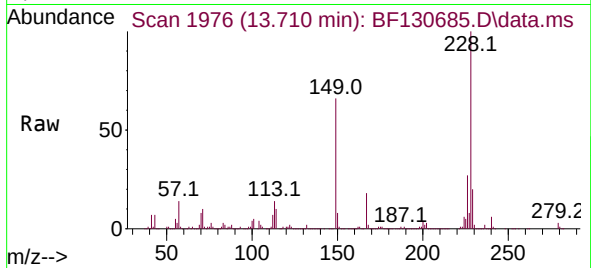
206 20.3 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.039 ng
RT: 13.710 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

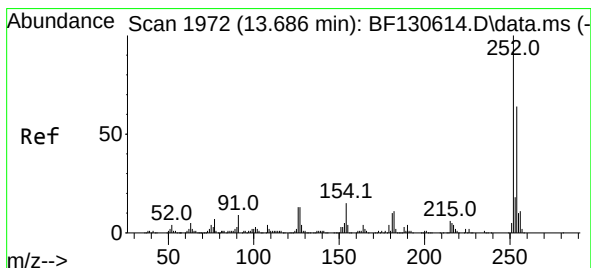
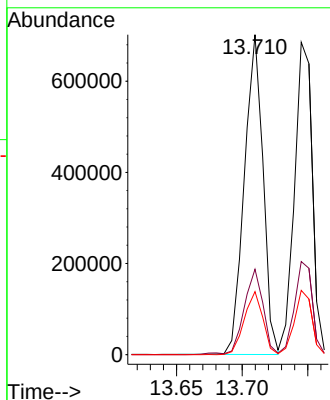
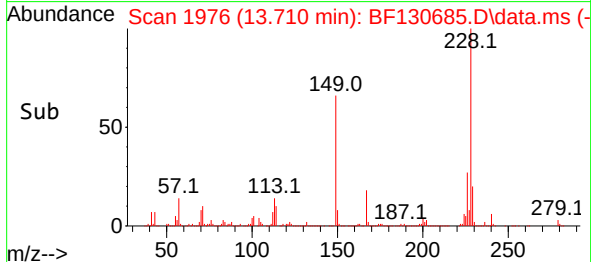
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



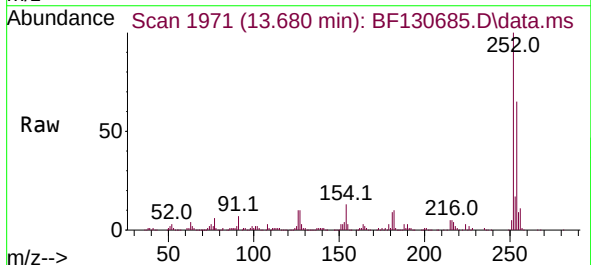
Tgt Ion:228 Resp: 691743
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.7 15.8 23.8

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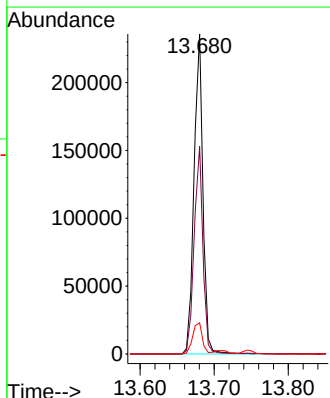
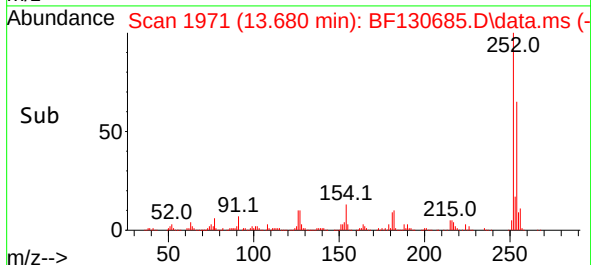
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

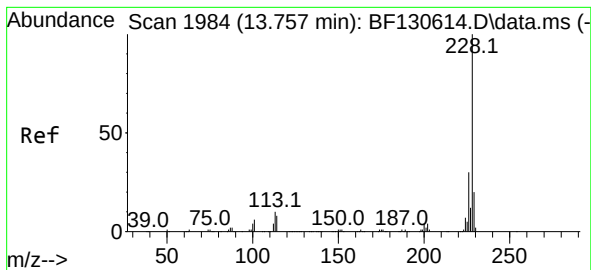


#82
3,3'-Dichlorobenzidine
Concen: 43.458 ng
RT: 13.680 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17



Tgt Ion:252 Resp: 197254
Ion Ratio Lower Upper
252 100
254 64.8 50.9 76.3
126 9.7 10.2 15.4





#83

Chrysene

Concen: 43.647 ng

RT: 13.745 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

PB148379BSD

Tgt Ion:228 Resp: 650023

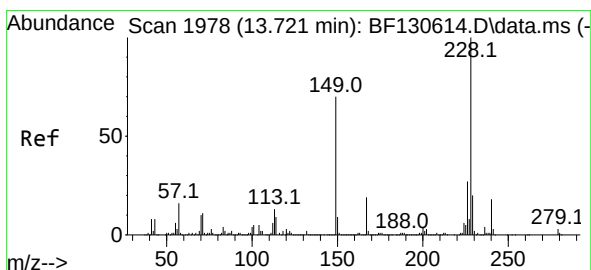
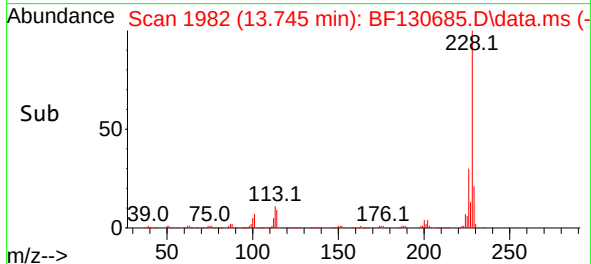
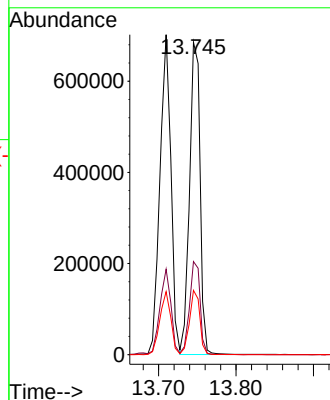
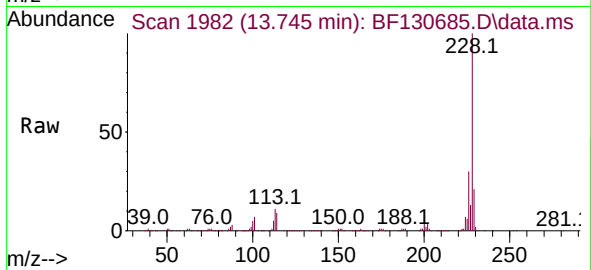
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.6	15.9	23.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.279 ng

RT: 13.710 min Scan# 1976

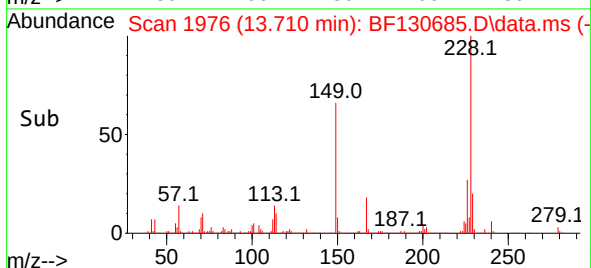
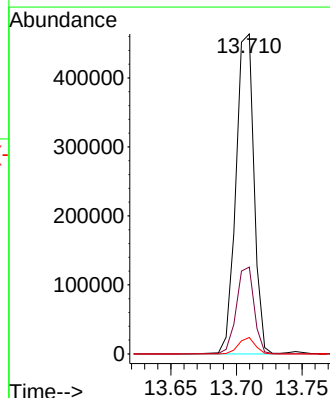
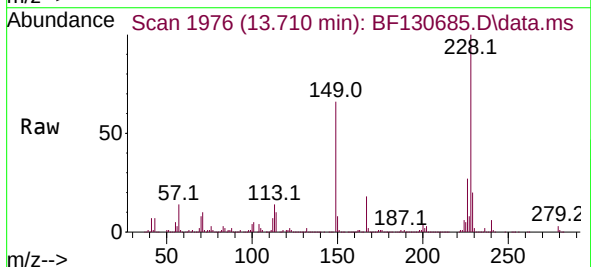
Delta R.T. 0.000 min

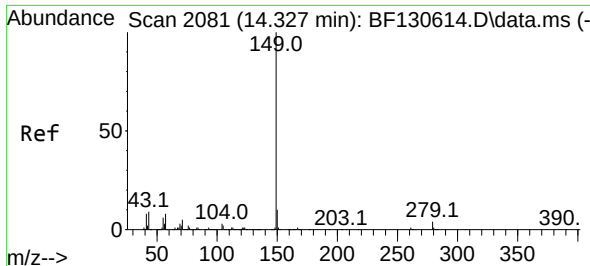
Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Tgt Ion:149 Resp: 443246

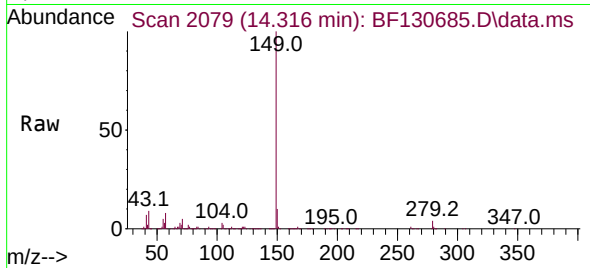
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	5.1	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 45.190 ng
RT: 14.316 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

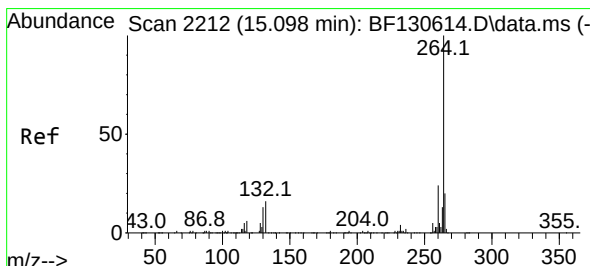
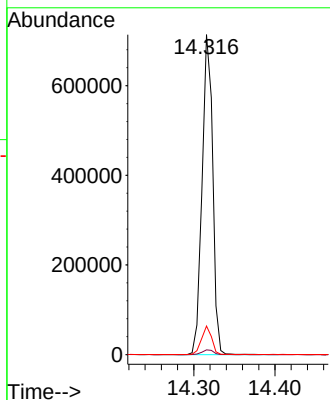
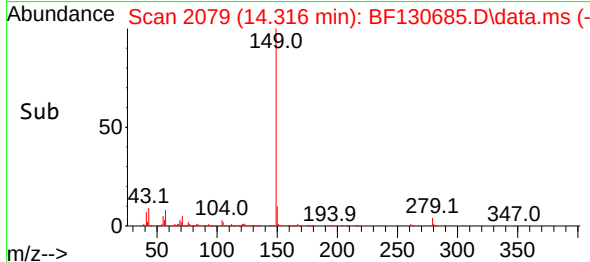
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:149 Resp: 648844
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.2 10.8

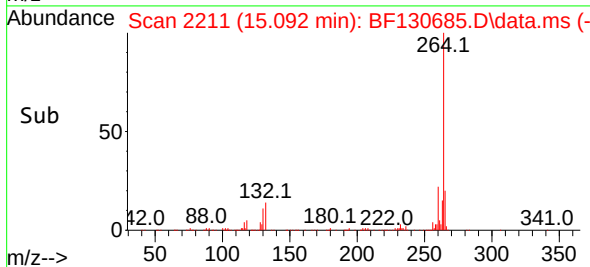
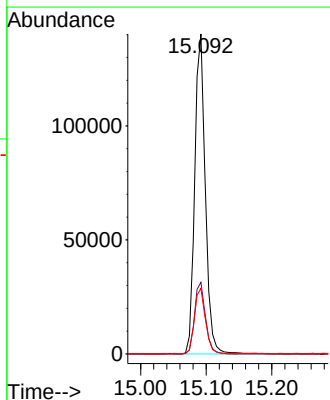
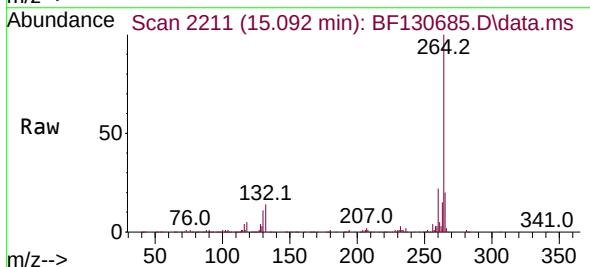
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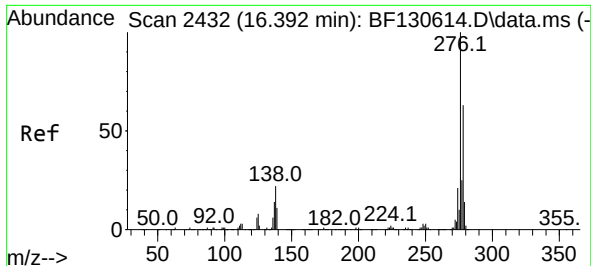
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

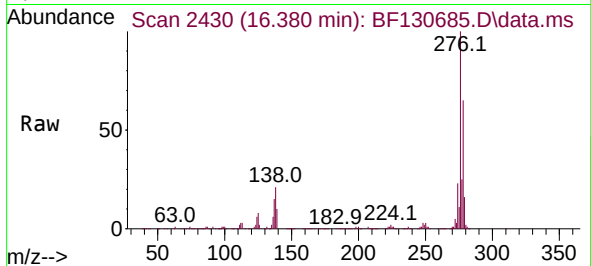
Tgt Ion:264 Resp: 157123
Ion Ratio Lower Upper
264 100
260 22.4 19.1 28.7
265 20.5 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.383 ng
 RT: 16.380 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BF130685.D
 Acq: 17 Oct 2022 14:17

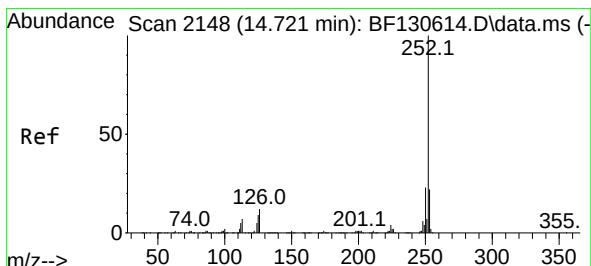
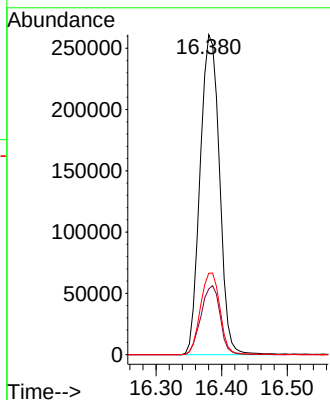
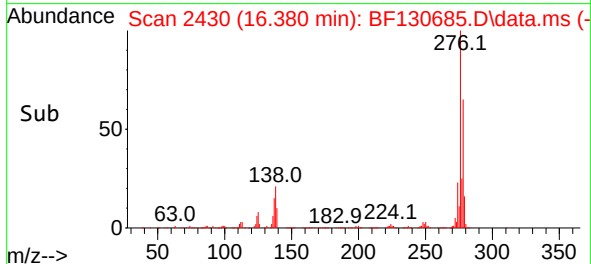
Instrument :
 BNA_F
 ClientSampleId :
 PB148379BSD



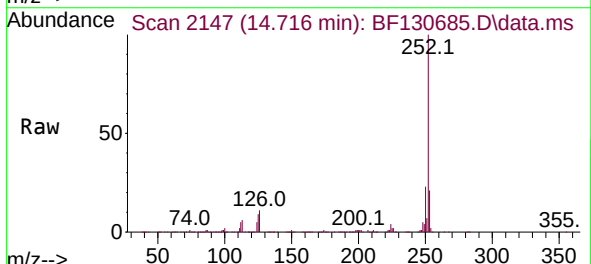
Tgt Ion: 276 Resp: 53371
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.0 27.0
 277 25.7 20.0 30.0

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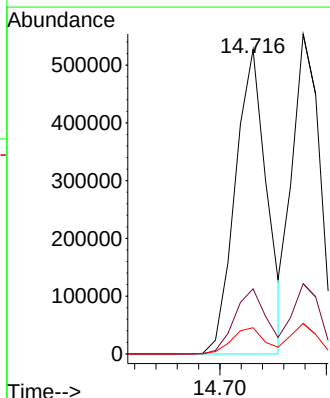
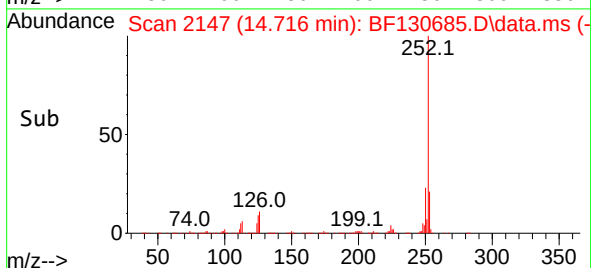
Reviewed By : Christian Giraldo 10/18/2022
 Supervised By : Jagrut Upadhyay 10/18/2022

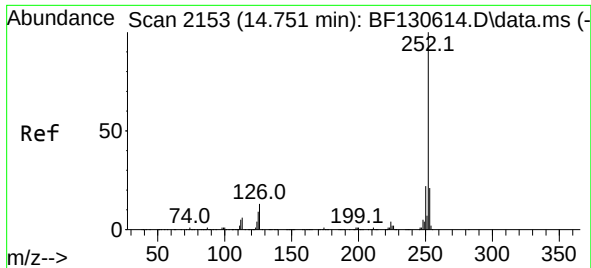


#88
 Benzo(b)fluoranthene
 Concen: 54.512 ng
 RT: 14.716 min Scan# 2147
 Delta R.T. 0.000 min
 Lab File: BF130685.D
 Acq: 17 Oct 2022 14:17



Tgt Ion: 252 Resp: 542363
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.2
 125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.058 ng

RT: 14.739 min Scan# 2151

Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

Instrument :

BNA_F

ClientSampleId :

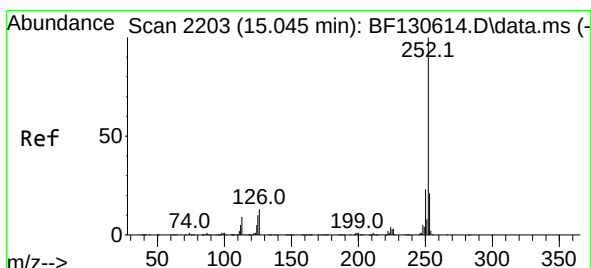
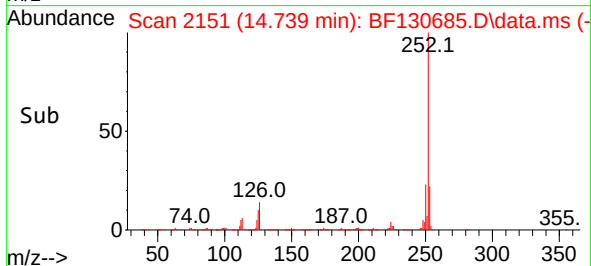
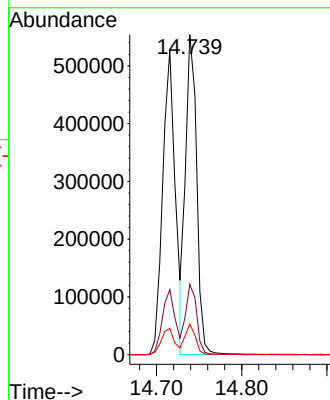
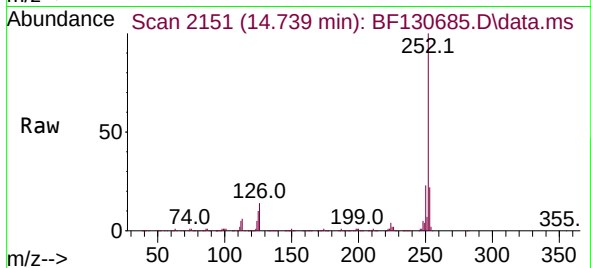
PB148379BSD

Tgt Ion:252 Resp: 507117
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 9.5 7.2 10.8

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 51.482 ng

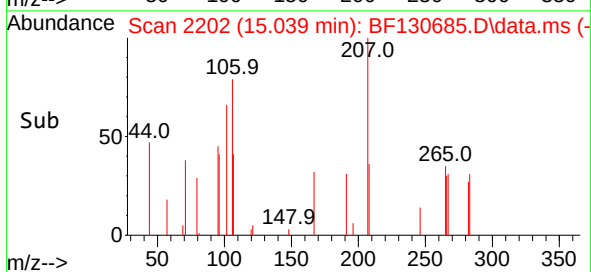
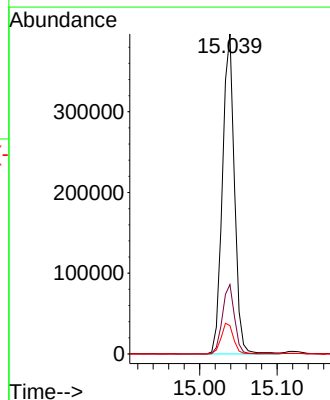
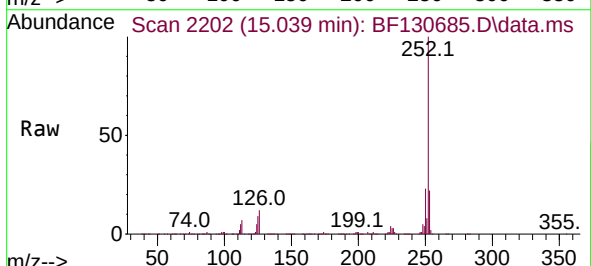
RT: 15.039 min Scan# 2202

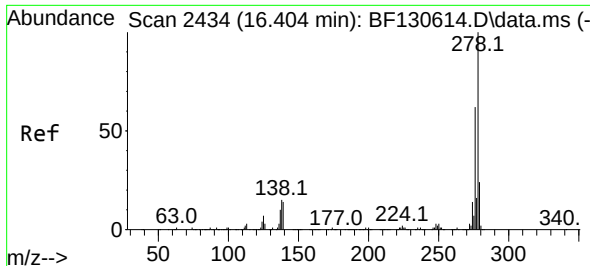
Delta R.T. 0.000 min

Lab File: BF130685.D

Acq: 17 Oct 2022 14:17

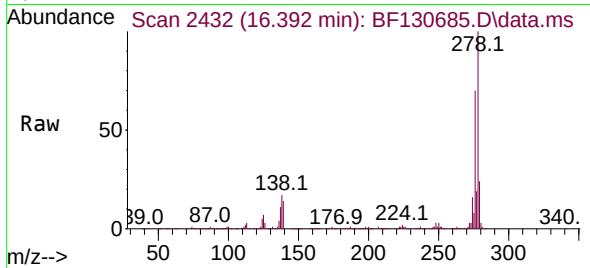
Tgt Ion:252 Resp: 426303
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.6
 125 8.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 48.310 ng
RT: 16.392 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

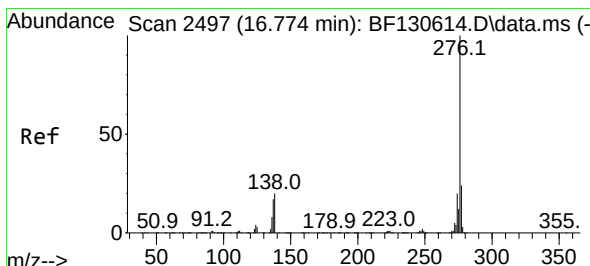
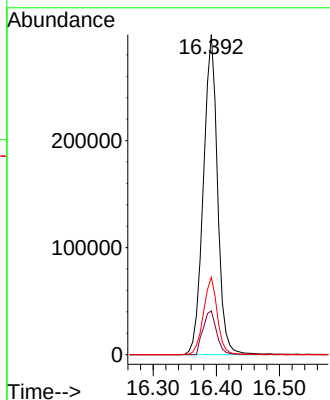
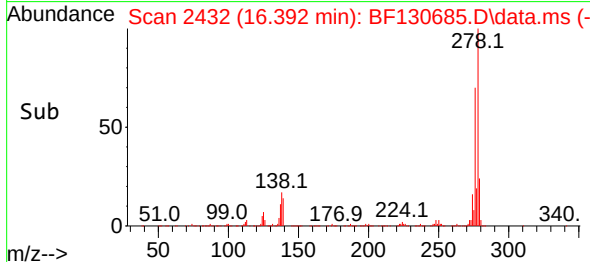
Instrument :
BNA_F
ClientSampleId :
PB148379BSD



Tgt Ion:278 Resp: 465695
Ion Ratio Lower Upper
278 100
139 13.6 11.1 16.7
279 24.2 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 53.519 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF130685.D
Acq: 17 Oct 2022 14:17

Tgt Ion:276 Resp: 480505
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.1 15.9 23.9

