

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130285.D
 Acq On : 16 Sep 2022 11:14
 Operator : CG\JU
 Sample : PB147653BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147653BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 02:29:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	104233	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	422197	20.000	ng	# 0.00
39) Acenaphthene-d10	9.710	164	219944	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	369324	20.000	ng	0.00
76) Chrysene-d12	13.821	240	205732	20.000	ng	0.00
86) Perylene-d12	15.210	264	172959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	805884	134.101	ng	0.02
7) Phenol-d6	6.322	99	989991	131.660	ng	0.00
23) Nitrobenzene-d5	7.245	82	643802	77.904	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	324775	154.106	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1231233	81.517	ng	0.00
79) Terphenyl-d14	12.774	244	1227624	98.845	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.393	88	92434	33.491	ng	97
3) Pyridine	3.081	79	244410	33.948	ng	97
4) n-Nitrosodimethylamine	3.040	42	151478	38.684	ng	94
6) Aniline	6.340	93	394584	42.590	ng	96
8) 2-Chlorophenol	6.463	128	314684	45.969	ng	93
9) Benzaldehyde	6.228	77	198731	39.456	ng	95
10) Phenol	6.334	94	385172	43.711	ng	87
11) bis(2-Chloroethyl)ether	6.422	93	278355	43.795	ng	96
12) 1,3-Dichlorobenzene	6.616	146	330662	43.898	ng	99
13) 1,4-Dichlorobenzene	6.693	146	339587	44.209	ng	99
14) 1,2-Dichlorobenzene	6.845	146	319815	44.570	ng	98
15) Benzyl Alcohol	6.828	79	244766	41.056	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.957	45	378016	40.778	ng	97
17) 2-Methylphenol	6.940	107	241021	43.311	ng	98
18) Hexachloroethane	7.187	117	130107	42.970	ng	100
19) n-Nitroso-di-n-propyla...	7.104	70	214901	42.355	ng	94
20) 3+4-Methylphenols	7.092	107	305058	42.199	ng	# 86
22) Acetophenone	7.098	105	441196	42.743	ng	# 95
24) Nitrobenzene	7.263	77	334300	39.839	ng	99
25) Isophorone	7.504	82	580385	43.574	ng	99
26) 2-Nitrophenol	7.581	139	163006	47.387	ng	91
27) 2,4-Dimethylphenol	7.622	122	269400	50.864	ng	98
28) bis(2-Chloroethoxy)met...	7.722	93	347269	46.302	ng	99
29) 2,4-Dichlorophenol	7.822	162	252603	43.522	ng	97
30) 1,2,4-Trichlorobenzene	7.904	180	263632	42.012	ng	94
31) Naphthalene	7.981	128	896474	41.215	ng	100
32) Benzoic acid	7.757	122	185494	45.288	ng	94
33) 4-Chloroaniline	8.034	127	293917	35.529	ng	99
34) Hexachlorobutadiene	8.098	225	170305	42.466	ng	99
35) Caprolactam	8.416	113	79402m	47.720	ng	
36) 4-Chloro-3-methylphenol	8.522	107	284780	44.266	ng	97
37) 2-Methylnaphthalene	8.675	142	584915	42.177	ng	99
38) 1-Methylnaphthalene	8.769	142	555333	41.684	ng	100
40) 1,2,4,5-Tetrachloroben...	8.839	216	271843	45.289	ng	99
41) Hexachlorocyclopentadiene	8.828	237	367520	114.363	ng	98
43) 2,4,6-Trichlorophenol	8.951	196	181909	43.424	ng	96

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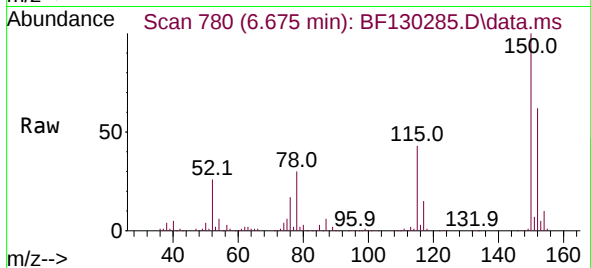
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.992	196	193861	42.885	ng	99
46) 1,1'-Biphenyl	9.139	154	716688	43.630	ng	99
47) 2-Chloronaphthalene	9.163	162	559103	42.076	ng	98
48) 2-Nitroaniline	9.263	65	178737	40.329	ng	90
49) Acenaphthylene	9.575	152	848073	42.567	ng	99
50) Dimethylphthalate	9.445	163	658119	43.318	ng	100
51) 2,6-Dinitrotoluene	9.504	165	143136	45.048	ng	93
52) Acenaphthene	9.745	154	625294m	47.768	ng	
53) 3-Nitroaniline	9.675	138	127474	36.004	ng	92
54) 2,4-Dinitrophenol	9.781	184	155820	89.589	ng	# 87
55) Dibenzofuran	9.922	168	775279	42.580	ng	98
56) 4-Nitrophenol	9.839	139	232133	90.018	ng	92
57) 2,4-Dinitrotoluene	9.904	165	190807	46.988	ng	98
58) Fluorene	10.257	166	636655	42.756	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.033	232	152722	43.163	ng	97
60) Diethylphthalate	10.145	149	649697	42.644	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	292113	44.719	ng	95
62) 4-Nitroaniline	10.286	138	150242	42.242	ng	98
63) Azobenzene	10.416	77	621339	39.606	ng	97
65) 4,6-Dinitro-2-methylph...	10.310	198	91448	44.481	ng	98
66) n-Nitrosodiphenylamine	10.375	169	536865	43.500	ng	100
67) 4-Bromophenyl-phenylether	10.745	248	187139	45.932	ng	92
68) Hexachlorobenzene	10.804	284	210317	45.539	ng	94
69) Atrazine	10.904	200	174495	48.381	ng	97
70) Pentachlorophenol	10.998	266	237145	95.675	ng	99
71) Phenanthrene	11.216	178	875303	42.213	ng	100
72) Anthracene	11.269	178	887270	44.341	ng	99
73) Carbazole	11.428	167	795238	44.036	ng	99
74) Di-n-butylphthalate	11.763	149	952367	43.733	ng	99
75) Fluoranthene	12.398	202	852244	42.535	ng	99
77) Benzidine	12.527	184	423778	70.958	ng	99
78) Pyrene	12.627	202	848151	47.126	ng	99
80) Butylbenzylphthalate	13.257	149	313307	46.991	ng	91
81) Benzo(a)anthracene	13.810	228	593633	43.374	ng	99
82) 3,3'-Dichlorobenzidine	13.780	252	178083	47.800	ng	98
83) Chrysene	13.845	228	554936	42.703	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	358425	46.933	ng	100
85) Di-n-octyl phthalate	14.421	149	521879	44.678	ng	97
87) Indeno(1,2,3-cd)pyrene	16.545	276	610770	49.797	ng	99
88) Benzo(b)fluoranthene	14.821	252	498646	44.171	ng	98
89) Benzo(k)fluoranthene	14.851	252	489092	44.043	ng	98
90) Benzo(a)pyrene	15.157	252	435017	48.640	ng	97
91) Dibenzo(a,h)anthracene	16.568	278	526469	52.323	ng	99
92) Benzo(g,h,i)perylene	16.951	276	519756	51.279	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

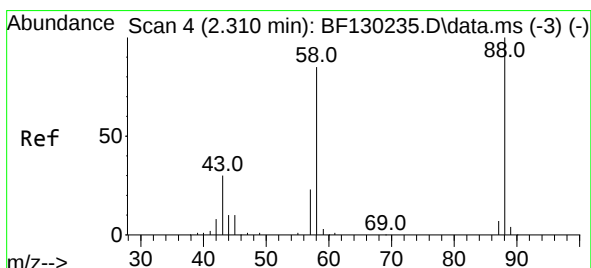
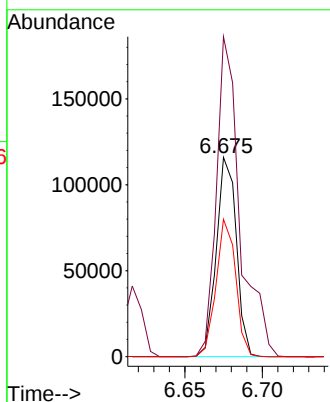
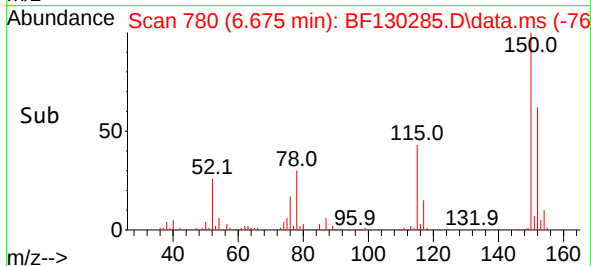
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion:152 Resp: 104233
Ion Ratio Lower Upper
152 100
150 160.6 122.8 184.2
115 68.9 53.8 80.8

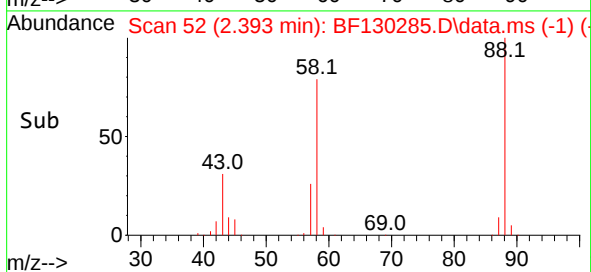
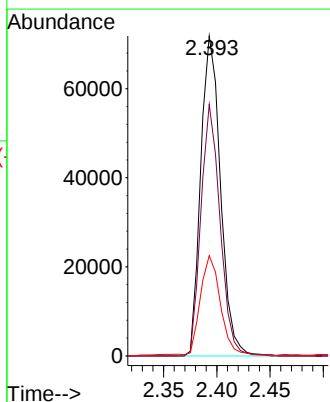
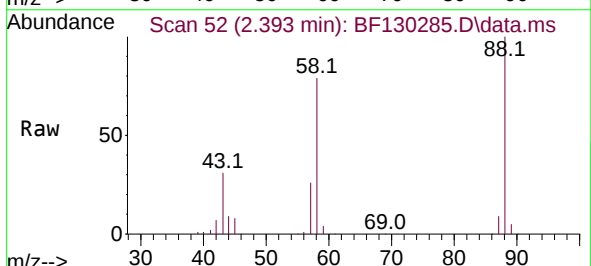
Manual Integrations
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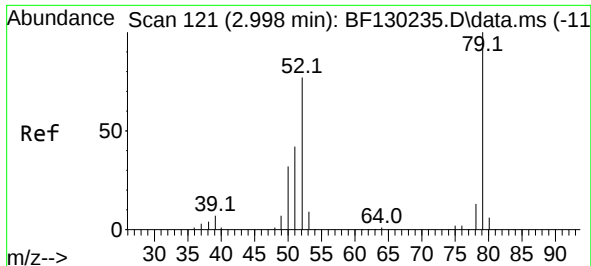
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#2
1,4-Dioxane
Concen: 33.491 ng
RT: 2.393 min Scan# 52
Delta R.T. 0.083 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

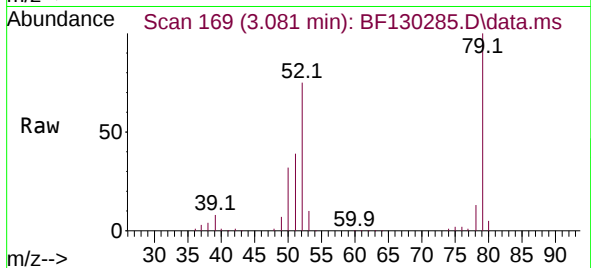
Tgt Ion: 88 Resp: 92434
Ion Ratio Lower Upper
88 100
58 76.2 61.3 91.9
43 33.0 23.0 34.6





#3
Pyridine
Concen: 33.948 ng
RT: 3.081 min Scan# 10
Delta R.T. 0.083 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

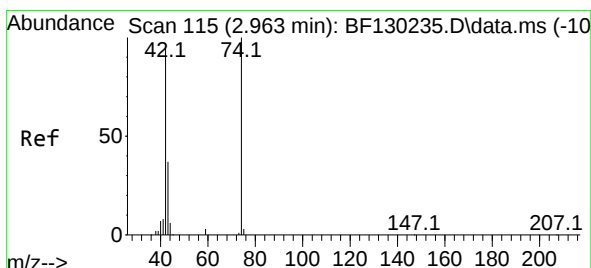
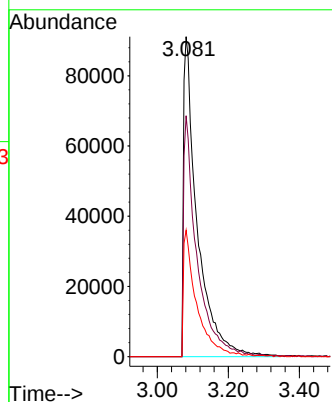
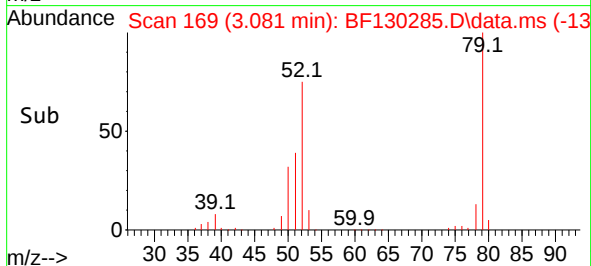
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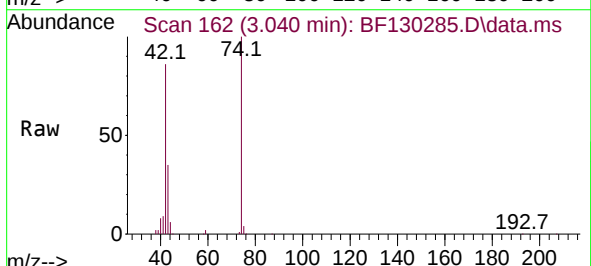
Tgt Ion: 79 Resp: 244410
Ion Ratio Lower Upper
79 100
52 75.3 62.4 93.6
51 39.5 32.2 48.4

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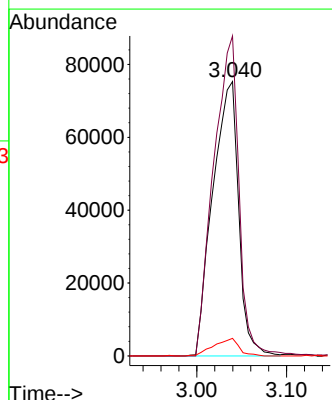
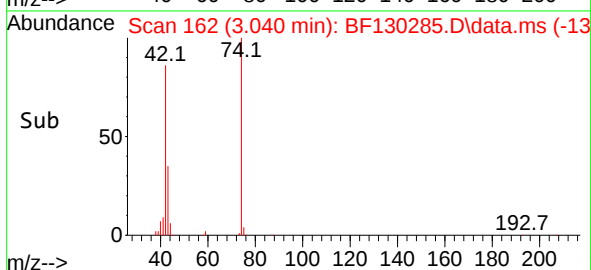
Reviewed By :Christian Giraldo 09/19/2022
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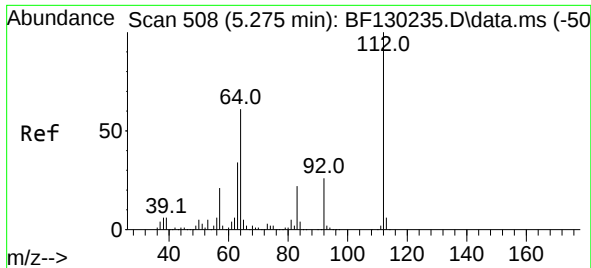


#4
n-Nitrosodimethylamine
Concen: 38.684 ng
RT: 3.040 min Scan# 162
Delta R.T. 0.077 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



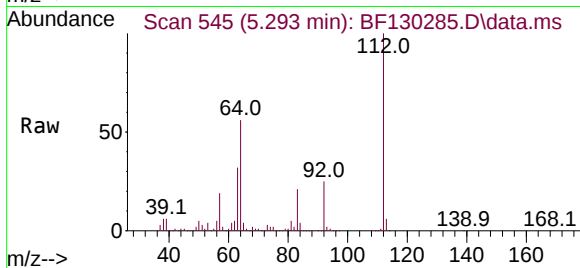
Tgt Ion: 42 Resp: 151478
Ion Ratio Lower Upper
42 100
74 116.6 88.4 132.6
44 6.4 5.0 7.4





#5
2-Fluorophenol
Concen: 134.101 ng
RT: 5.293 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

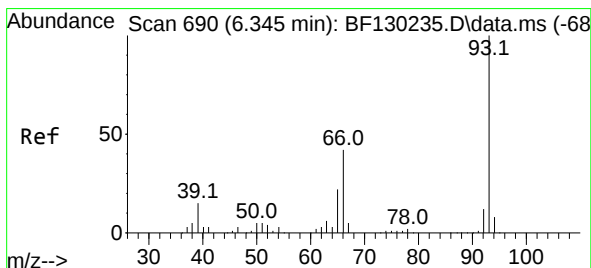
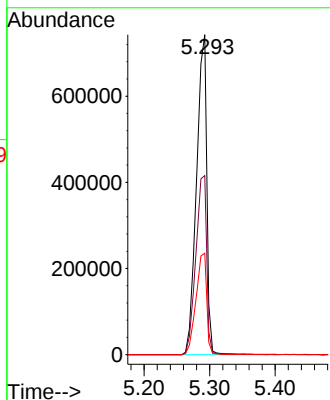
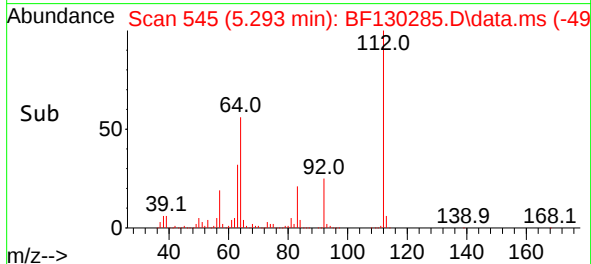
Instrument :
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Tgt Ion:112 Resp: 805884
Ion Ratio Lower Upper
112 100
64 55.9 51.4 77.0
63 31.7 28.8 43.2

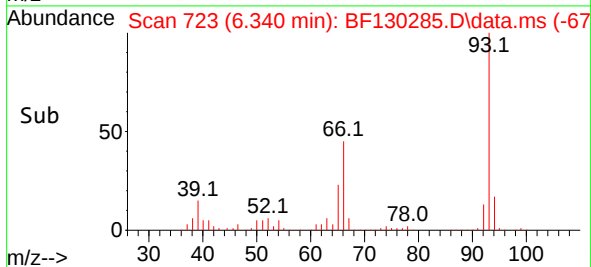
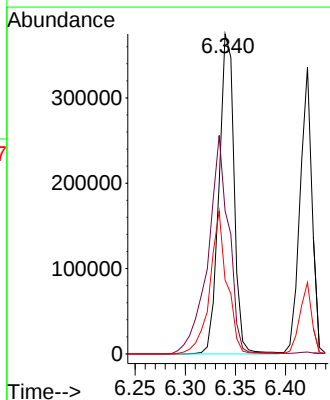
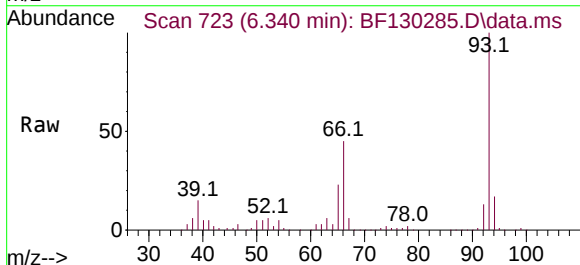
Manual Integrations
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Reviewed By :Christian Giraldo 09/19/2022
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#6
Aniline
Concen: 42.590 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

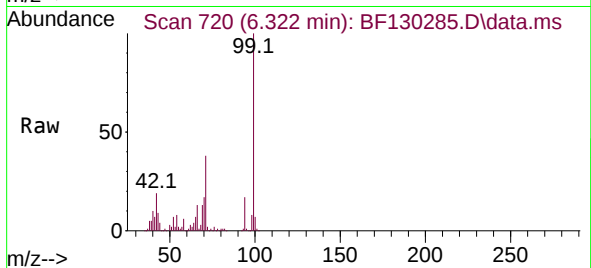
Tgt Ion: 93 Resp: 394584
Ion Ratio Lower Upper
93 100
66 44.7 34.2 51.4
65 23.1 16.6 24.8





#7
Phenol-d6
Concen: 131.660 ng
RT: 6.322 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

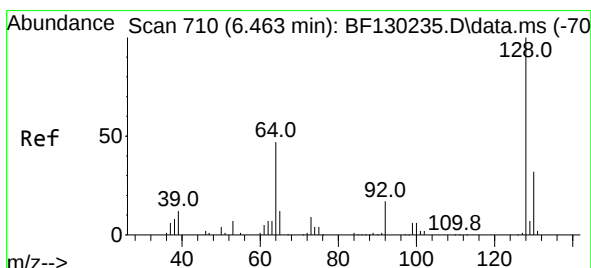
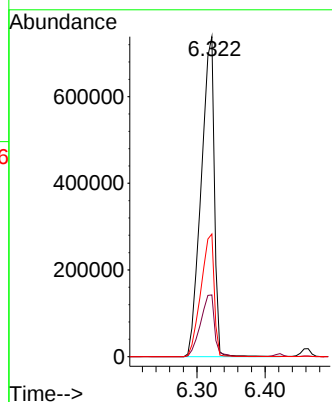
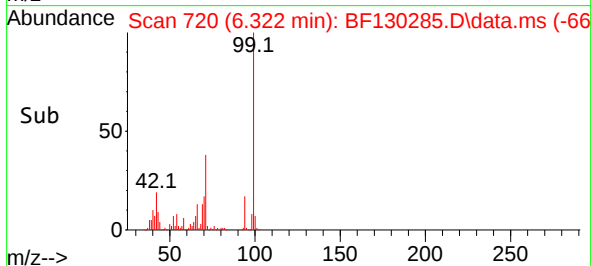
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion: 99 Resp: 989991
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 38.3 32.3 48.5

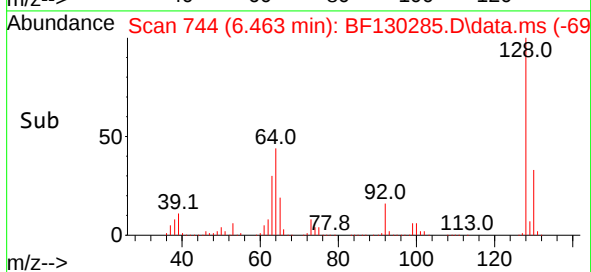
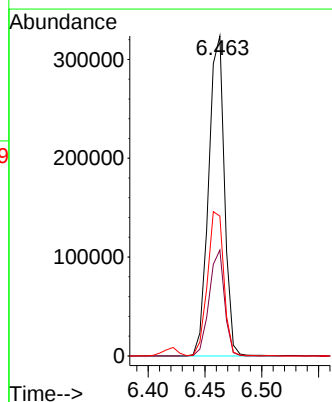
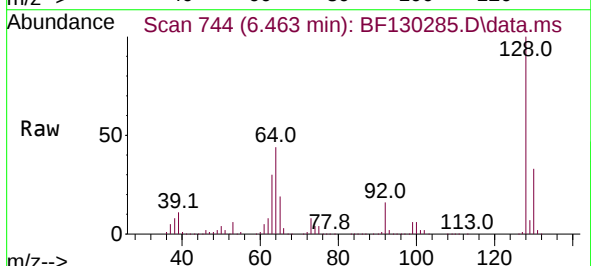
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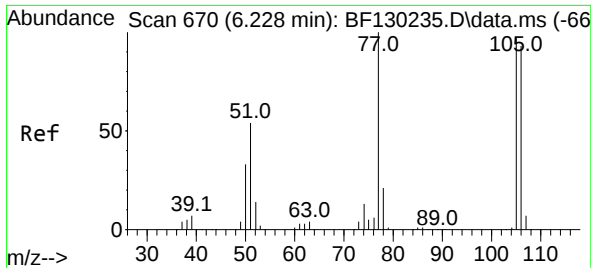
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#8
2-Chlorophenol
Concen: 45.969 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

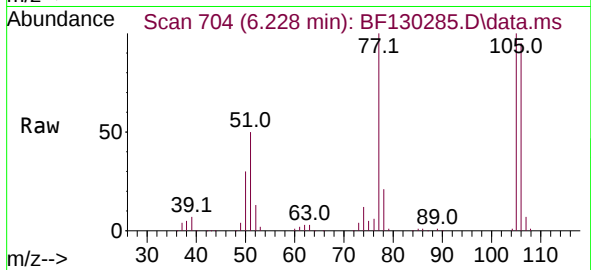
Tgt Ion:128 Resp: 314684
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 43.7 31.6 71.6





#9
Benzaldehyde
Concen: 39.456 ng
RT: 6.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

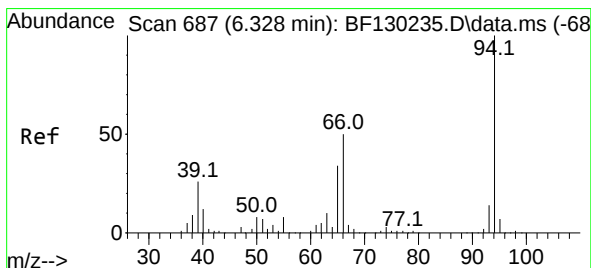
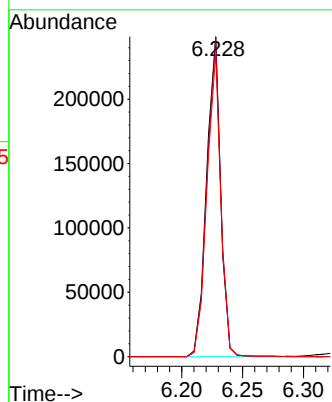
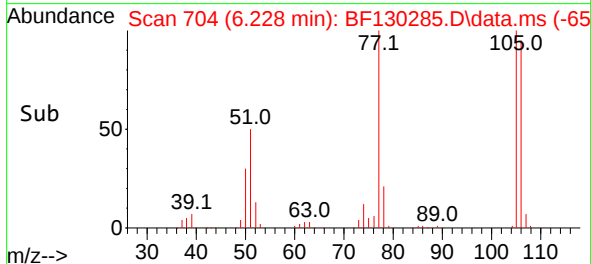
Instrument :
BNA_F
ClientSampleId :
PB147653BS



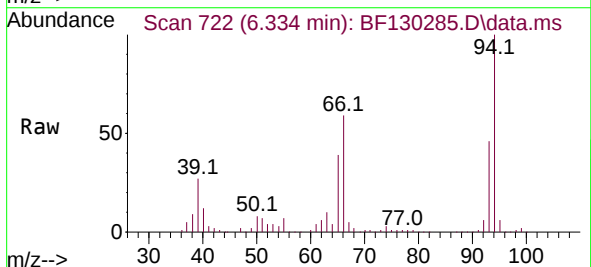
Tgt Ion: 77 Resp: 198731
Ion Ratio Lower Upper
77 100
105 99.8 75.1 115.1
106 94.7 69.7 109.7

Manual Integrations
APPROVED

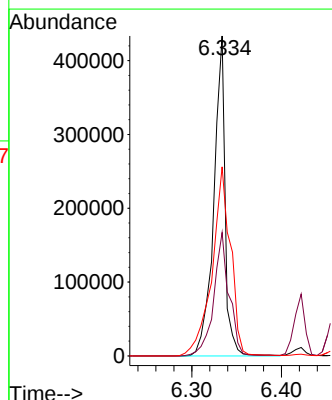
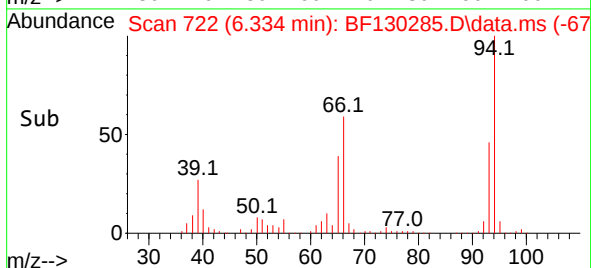
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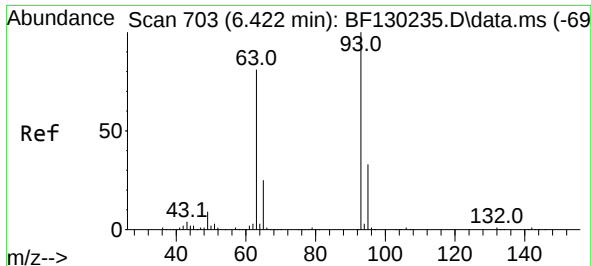


#10
Phenol
Concen: 43.711 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



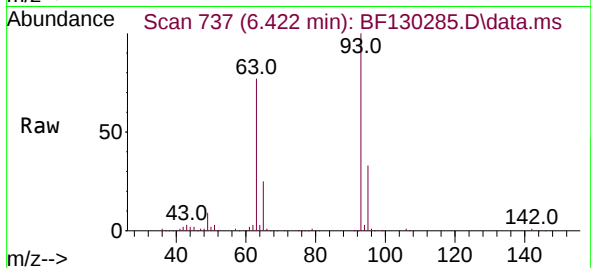
Tgt Ion: 94 Resp: 385172
Ion Ratio Lower Upper
94 100
65 38.6 14.1 54.1
66 59.1 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 43.795 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

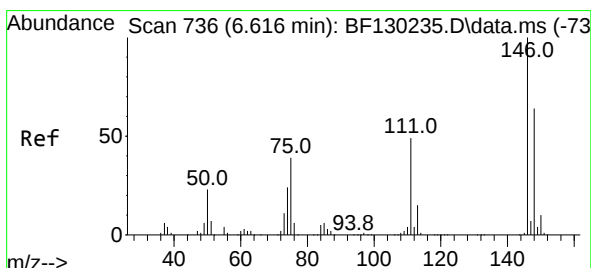
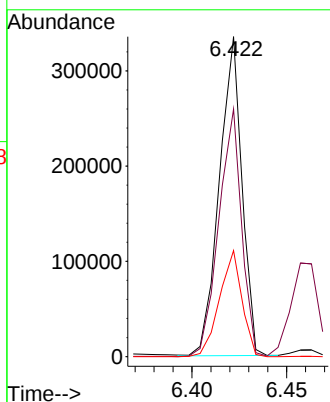
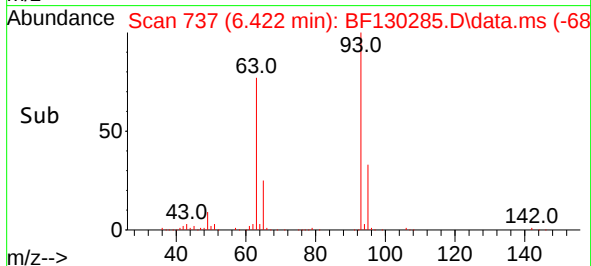
Instrument :
BNA_F
Client Sample Id :
PB147653BS



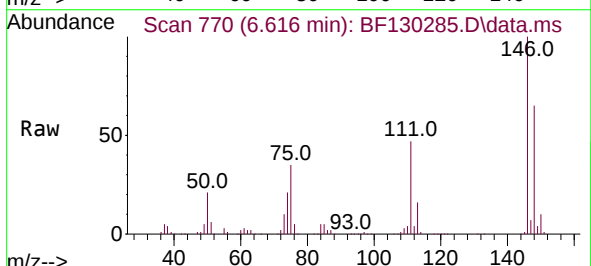
Tgt Ion: 93 Resp: 278355
Ion Ratio Lower Upper
93 100
63 77.4 62.5 102.5
95 33.1 12.5 52.5

Manual Integrations
APPROVED

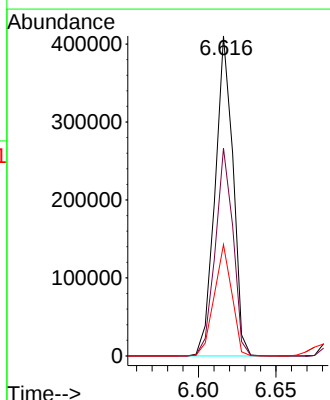
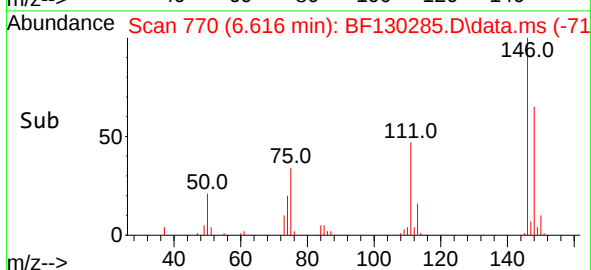
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

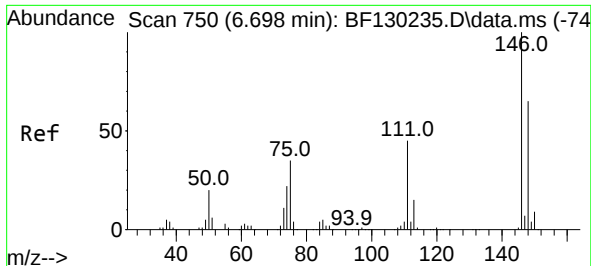


#12
1,3-Dichlorobenzene
Concen: 43.898 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:146 Resp: 330662
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 34.8 28.8 43.2





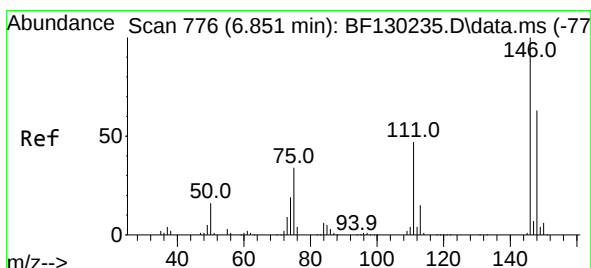
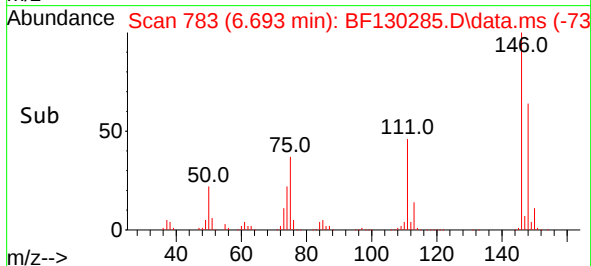
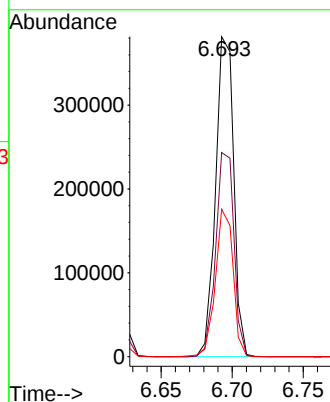
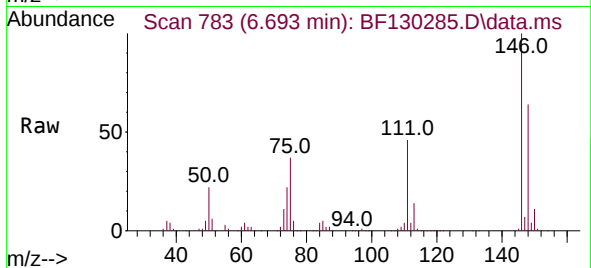
#13
1,4-Dichlorobenzene
Concen: 44.209 ng
RT: 6.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB147653BS

Tgt Ion:146 Resp: 33958
Ion Ratio Lower Upper
146 100
148 63.8 50.3 75.5
111 46.0 36.3 54.5

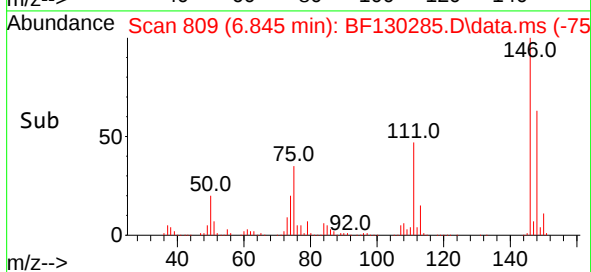
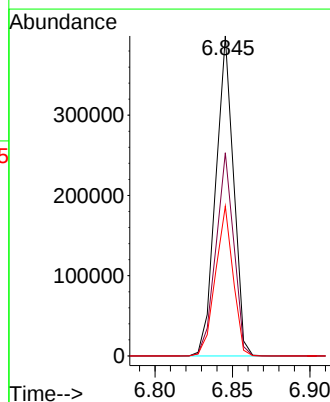
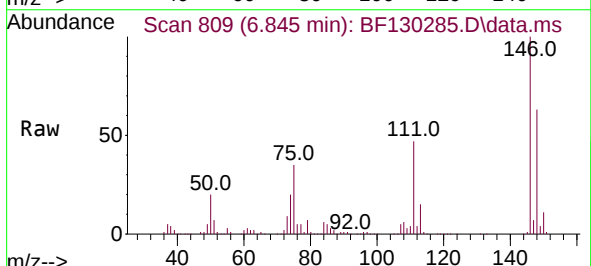
Manual Integrations
APPROVED

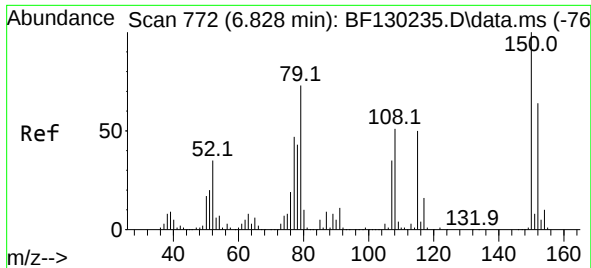
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#14
1,2-Dichlorobenzene
Concen: 44.570 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

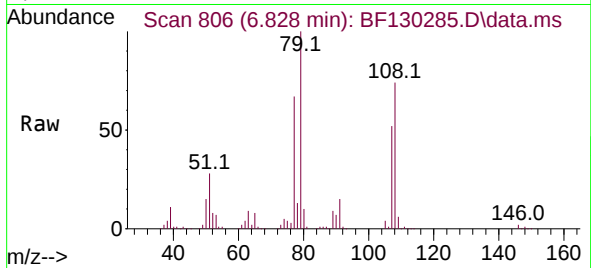
Tgt Ion:146 Resp: 319815
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 46.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.056 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

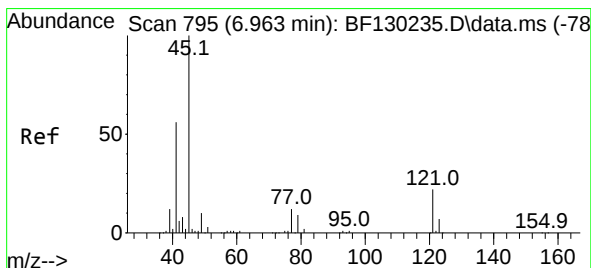
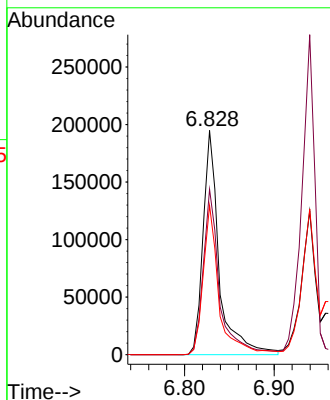
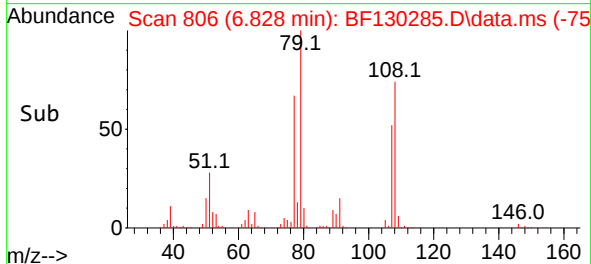
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion: 79 Resp: 244766
Ion Ratio Lower Upper
79 100
108 73.8 54.0 81.0
77 66.6 51.3 76.9

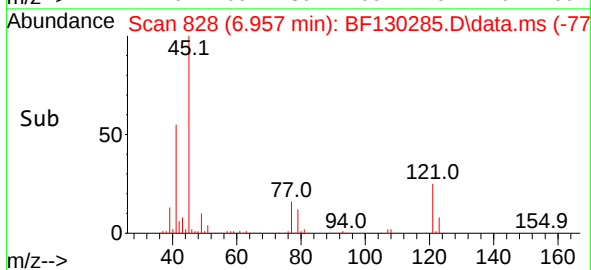
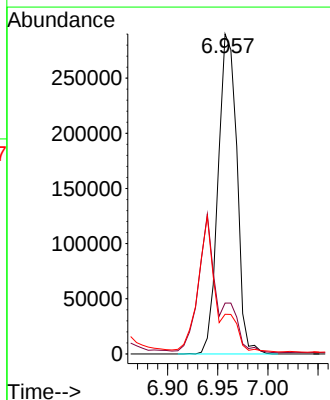
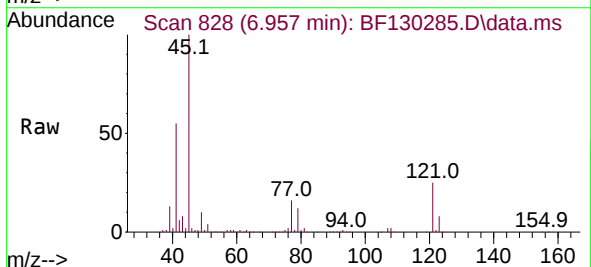
Manual Integrations
APPROVED

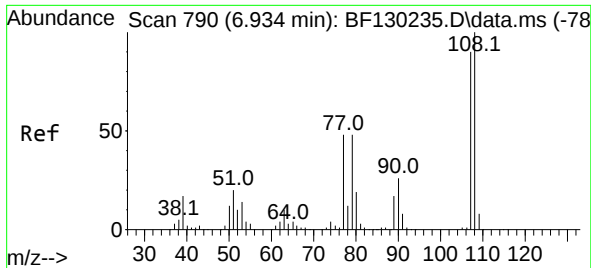
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.778 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion: 45 Resp: 378016
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.9
79 12.4 0.0 31.0





#17
2-Methylphenol
Concen: 43.311 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

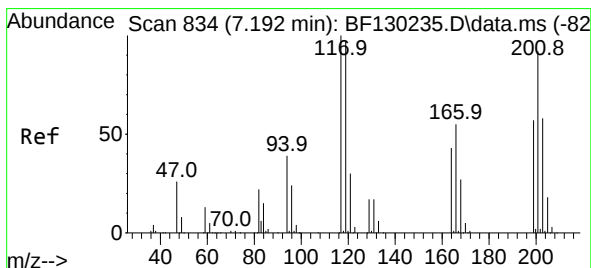
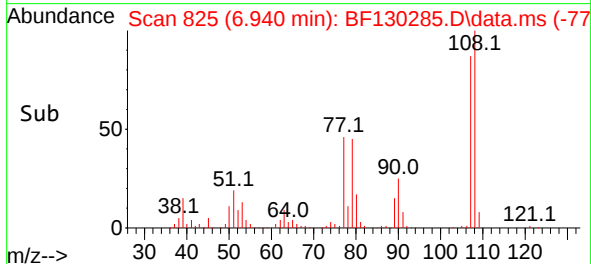
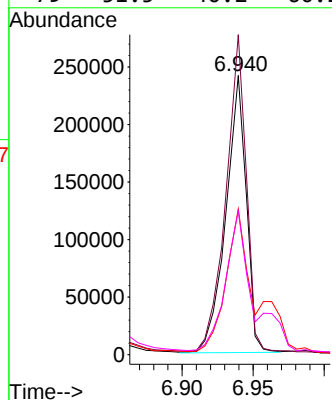
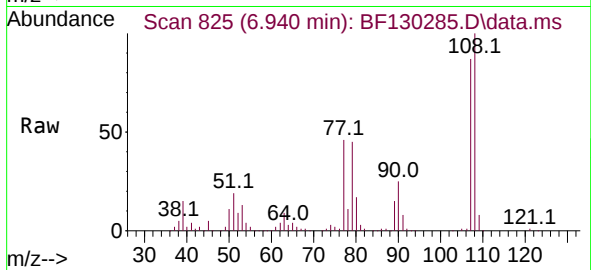
PB147653BS

Tgt Ion:107 Resp: 241021
Ion Ratio Lower Upper
107 100
108 114.7 89.4 134.0
77 52.2 40.6 60.8
79 51.5 40.2 60.2

Manual Integrations

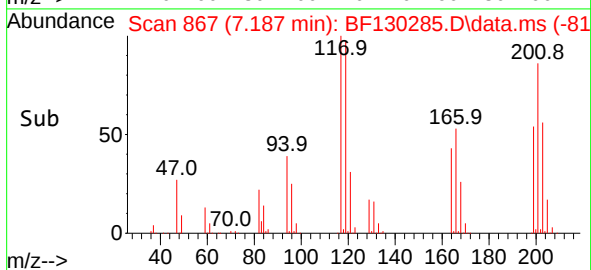
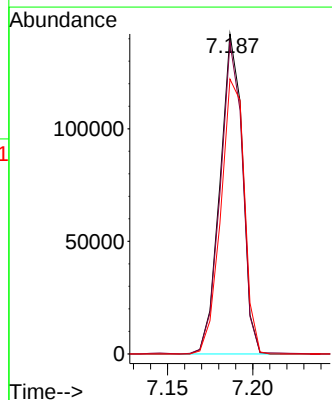
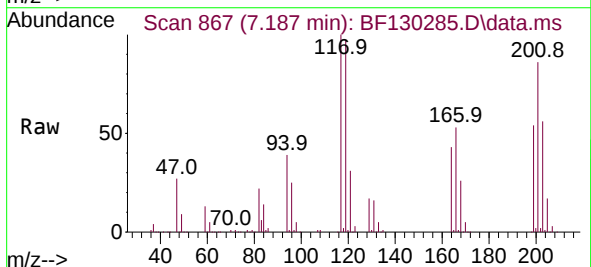
APPROVED

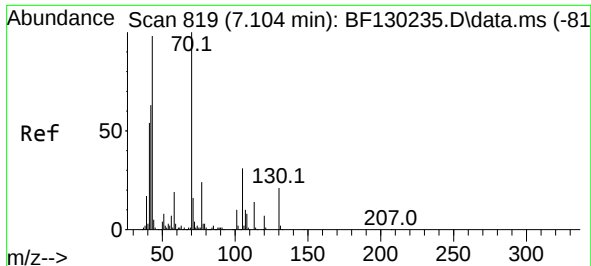
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#18
Hexachloroethane
Concen: 42.970 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:117 Resp: 130107
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.6
201 85.9 68.7 103.1





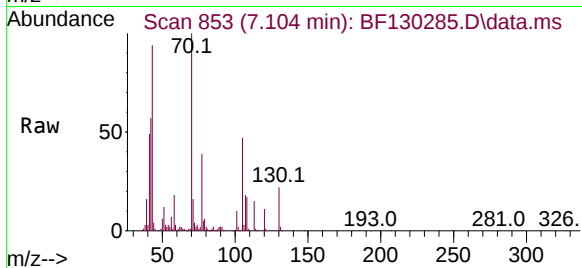
#19
n-Nitroso-di-n-propylamine
Concen: 42.355 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

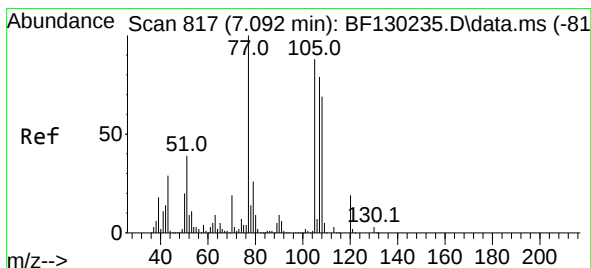
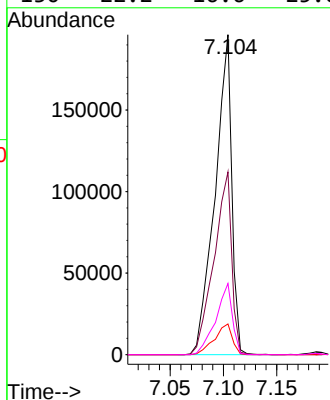
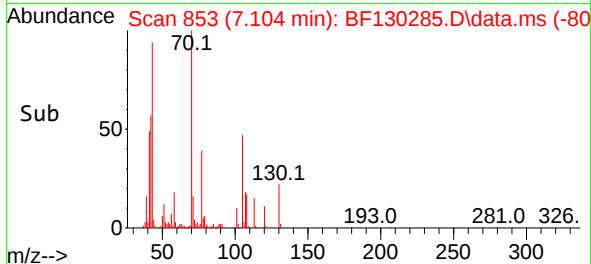
PB147653BS



Tgt Ion: 70 Resp: 21490
Ion Ratio Lower Upper
70 100
42 57.1 50.8 76.2
101 9.6 8.2 12.4
130 22.2 16.6 25.0

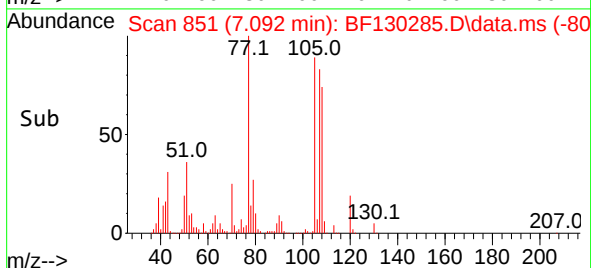
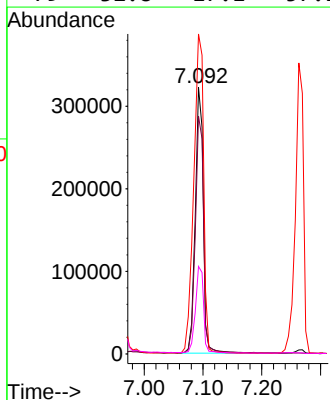
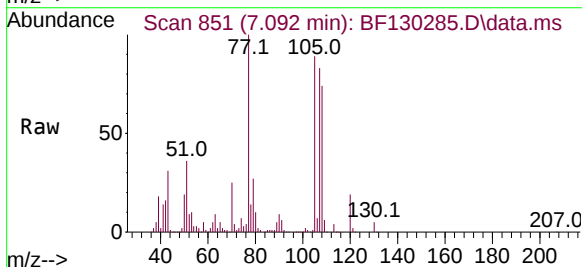
Manual Integrations
APPROVED

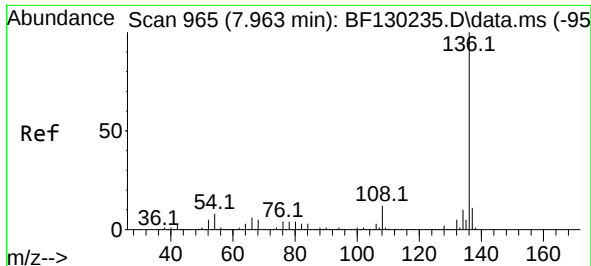
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#20
3+4-Methylphenols
Concen: 42.199 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

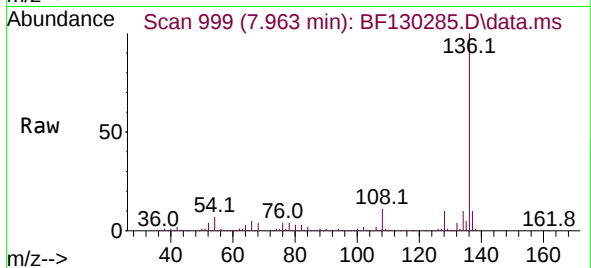
Tgt Ion:107 Resp: 305058
Ion Ratio Lower Upper
107 100
108 89.3 74.8 114.8
77 120.1 125.8 165.8#
79 32.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

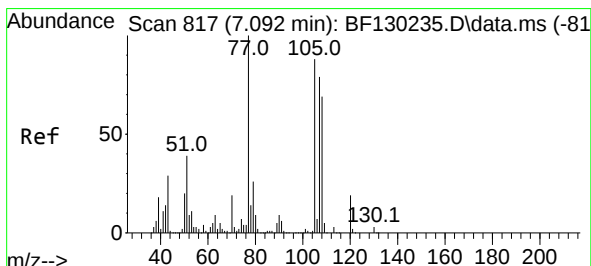
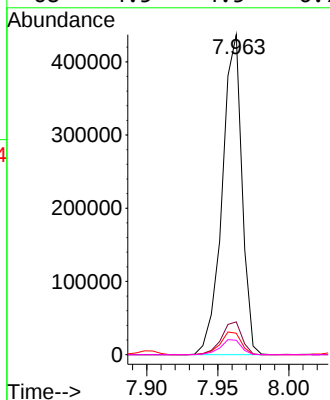
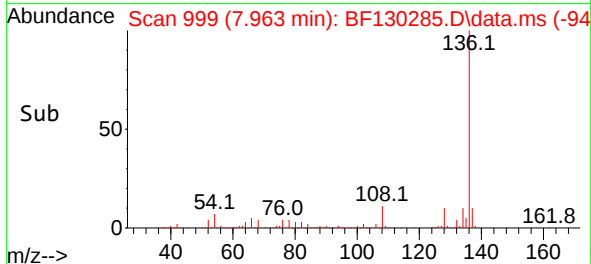
Instrument :
BNA_F
Client Sample Id :
PB147653BS



Tgt Ion:	136	Resp:	422197
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.1	13.7
54	6.7	7.1	10.7
68	4.5	4.5	6.7

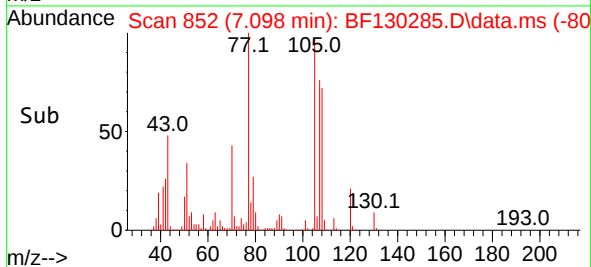
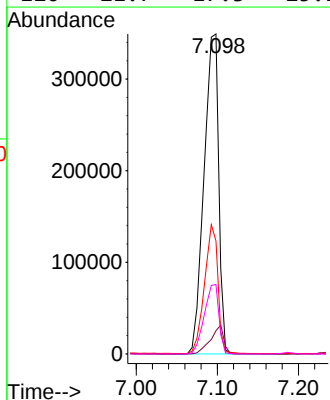
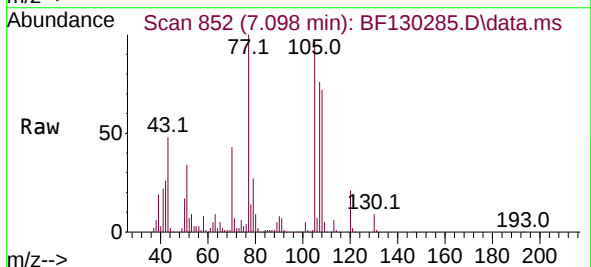
Manual Integrations
APPROVED

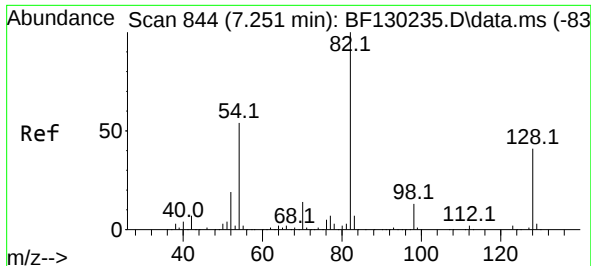
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#22
Acetophenone
Concen: 42.743 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:	105	Resp:	441196
Ion Ratio	Lower	Upper	
105	100		
71	7.2	3.9	5.9
51	35.3	32.2	48.2
120	21.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 77.904 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

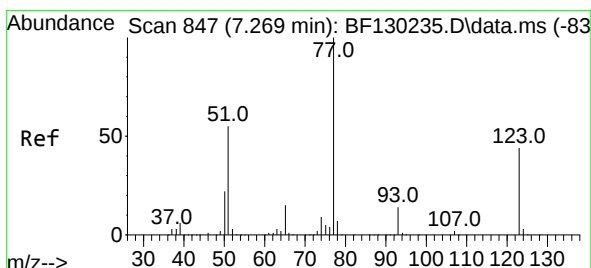
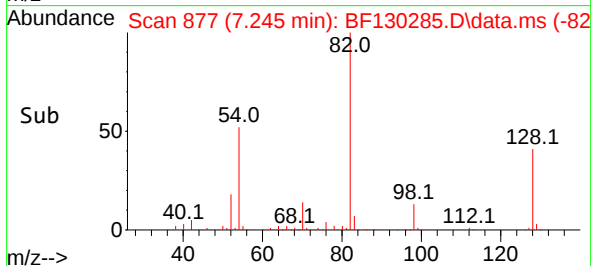
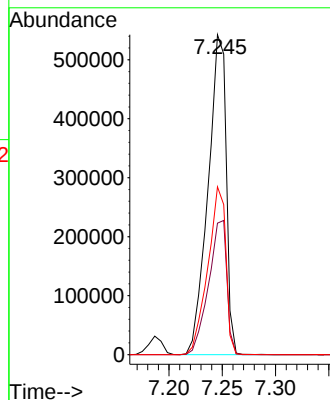
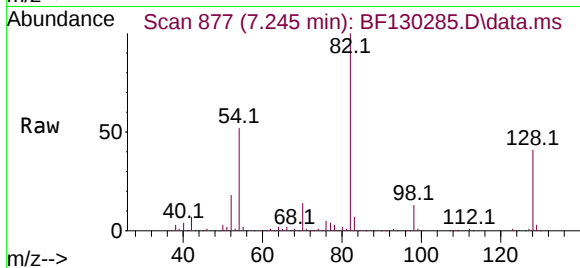
PB147653BS

Tgt Ion: 82	Resp: 643802
Ion Ratio	Lower Upper
82	100
128	41.1 32.6 49.0
54	52.4 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#24

Nitrobenzene

Concen: 39.839 ng

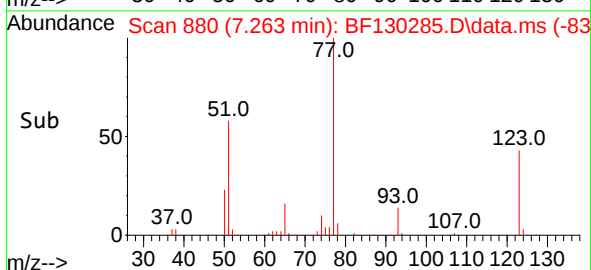
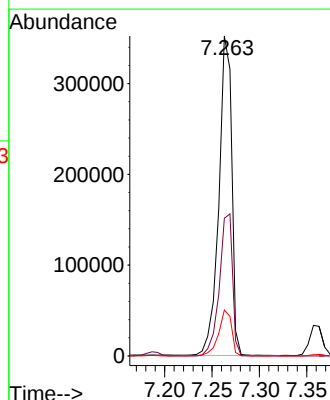
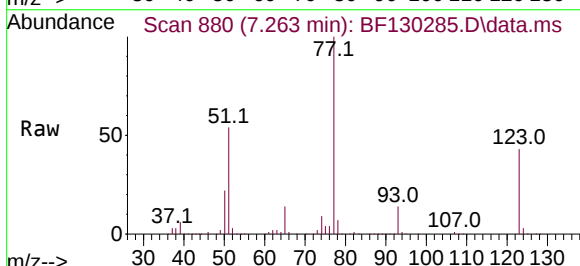
RT: 7.263 min Scan# 880

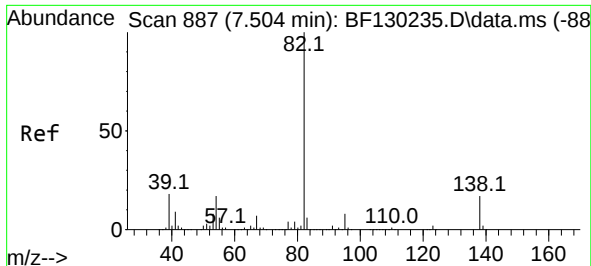
Delta R.T. -0.006 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

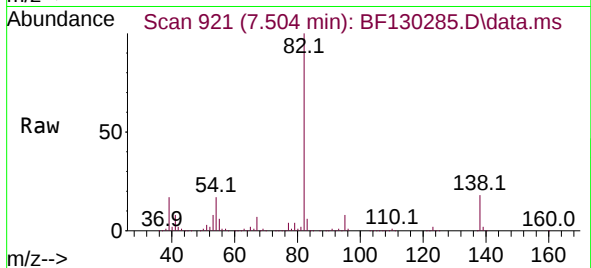
Tgt Ion: 77	Resp: 334300
Ion Ratio	Lower Upper
77	100
123	43.0 34.3 51.5
65	14.3 12.0 18.0





#25
Isophorone
Concen: 43.574 ng
RT: 7.504 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

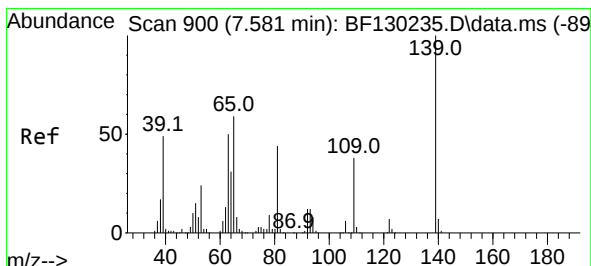
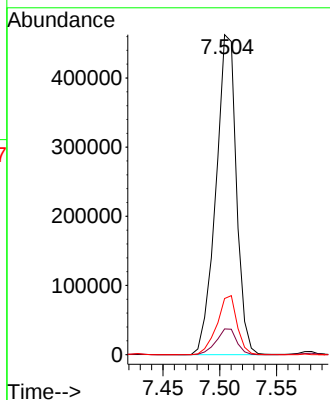
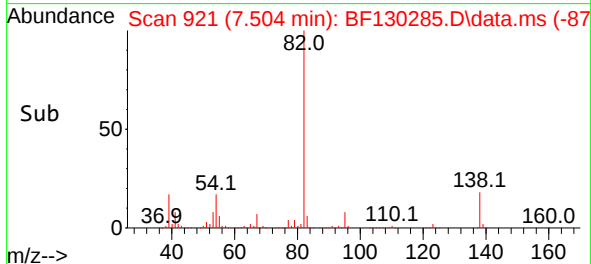
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion: 82 Resp: 580385
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.5 13.8 20.6

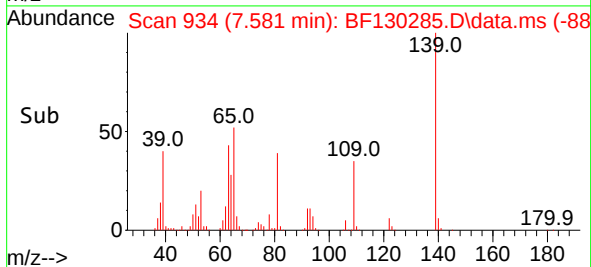
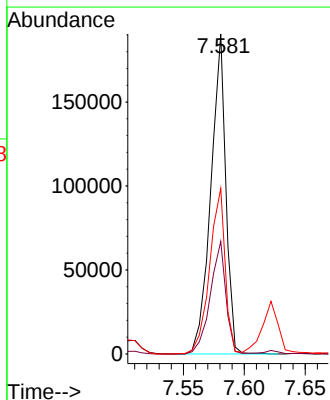
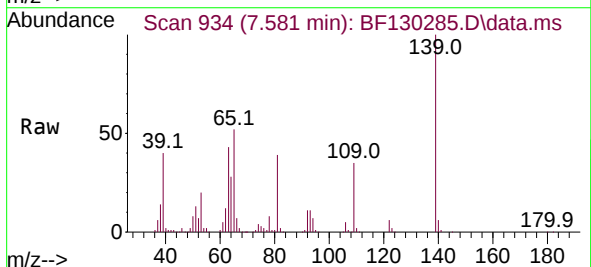
Manual Integrations
APPROVED

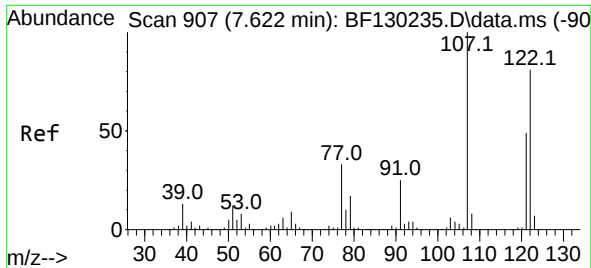
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#26
2-Nitrophenol
Concen: 47.387 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:139 Resp: 163006
Ion Ratio Lower Upper
139 100
109 35.2 30.2 45.4
65 51.7 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.864 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

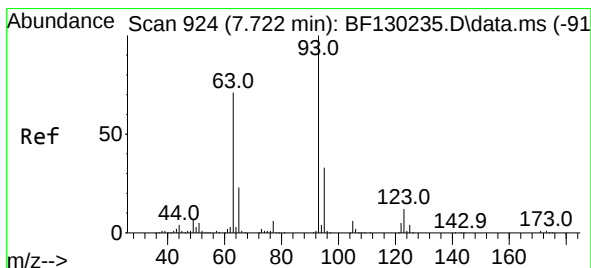
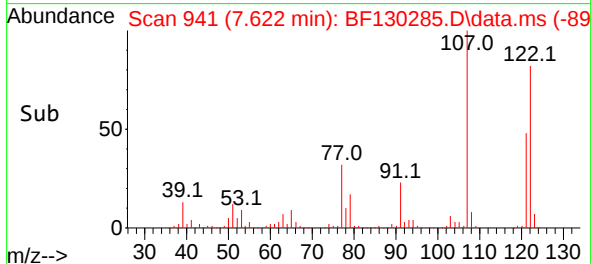
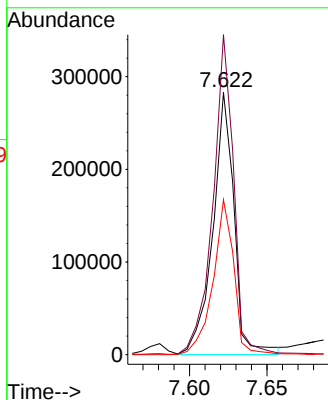
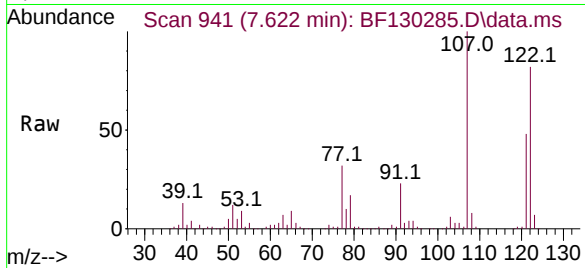
PB147653BS

Tgt Ion:122 Resp: 269400
 Ion Ratio Lower Upper
 122 100
 107 122.0 100.2 150.2
 121 59.0 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.302 ng

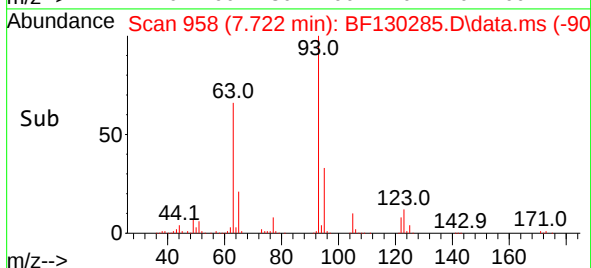
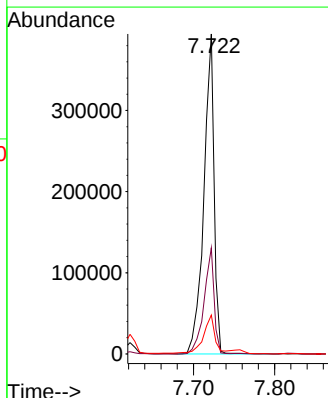
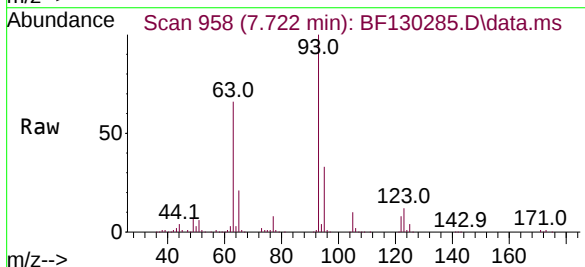
RT: 7.722 min Scan# 958

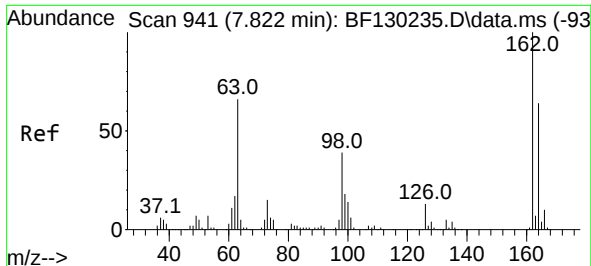
Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Tgt Ion: 93 Resp: 347269
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 12.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 43.522 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

Tgt Ion:162 Resp: 252603

Ion Ratio Lower Upper

162 100

164 64.2 42.2 82.2

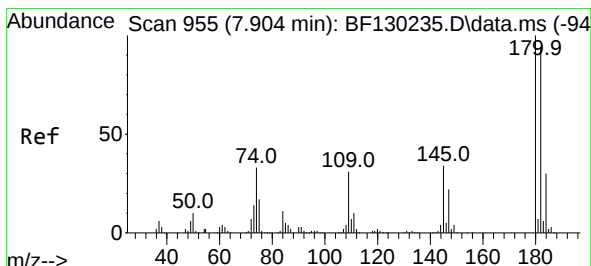
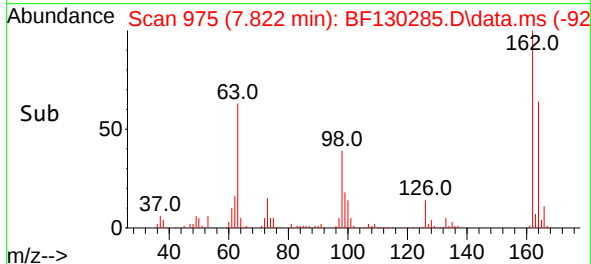
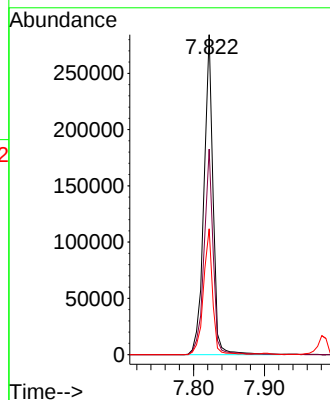
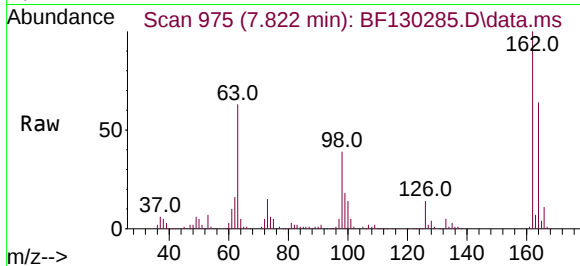
98 39.3 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.012 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

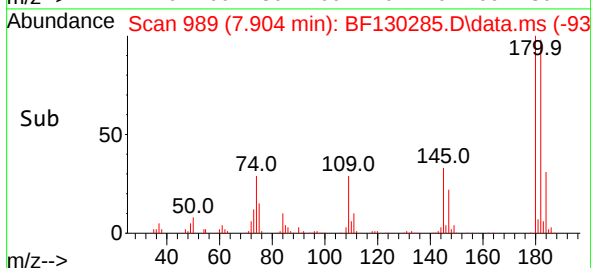
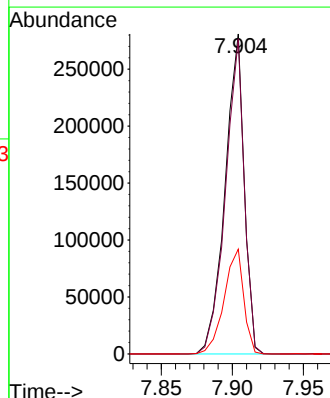
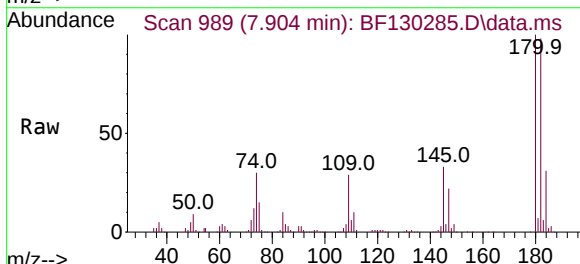
Tgt Ion:180 Resp: 263632

Ion Ratio Lower Upper

180 100

182 98.5 73.3 109.9

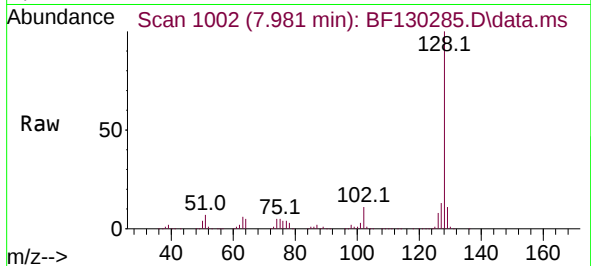
145 32.7 28.3 42.5





#31
Naphthalene
Concen: 41.215 ng
RT: 7.981 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

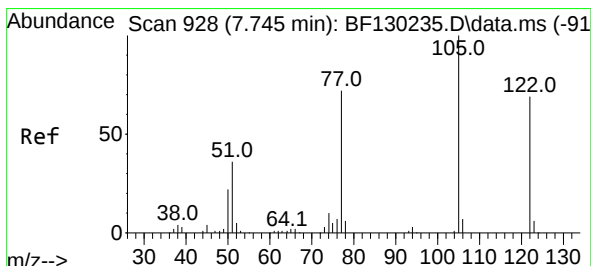
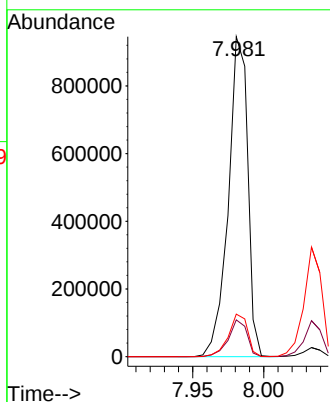
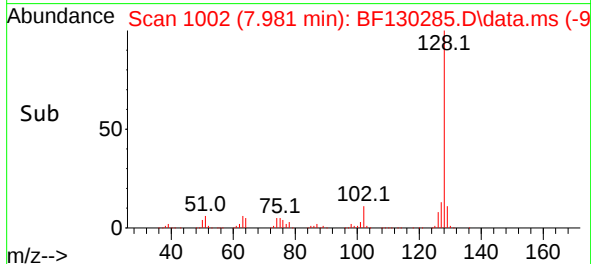
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion:128 Resp: 896474
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.6 16.0

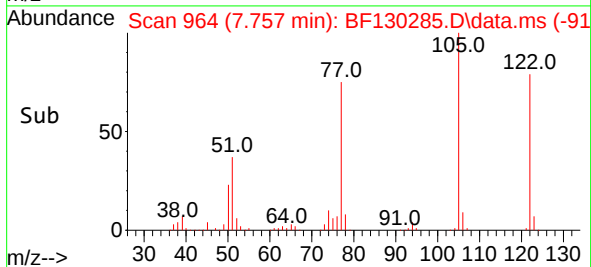
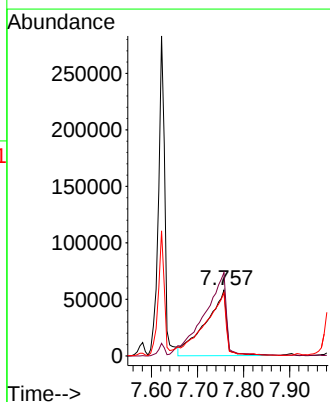
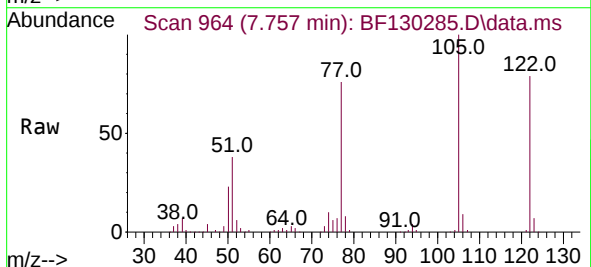
Manual Integrations
APPROVED

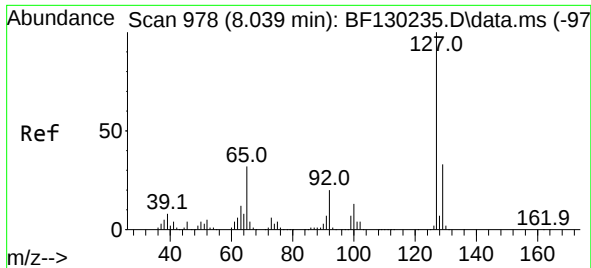
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#32
Benzoic acid
Concen: 45.288 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.012 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:122 Resp: 185494
Ion Ratio Lower Upper
122 100
105 126.9 112.9 152.9
77 96.1 82.8 122.8





#33
4-Chloroaniline
Concen: 35.529 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

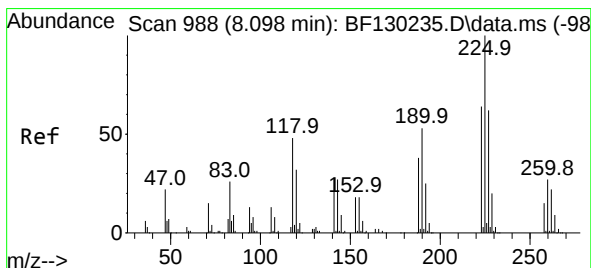
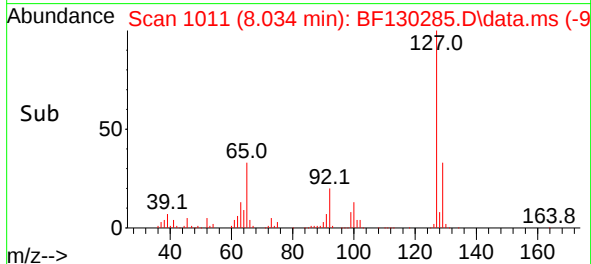
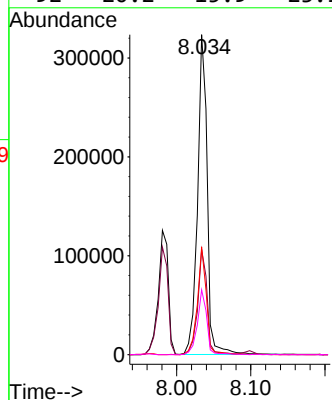
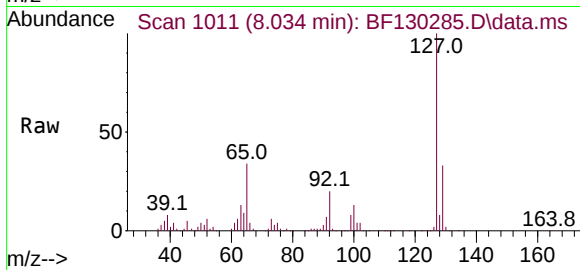
PB147653BS

Tgt Ion:127 Resp: 293917
Ion Ratio Lower Upper
127 100
129 32.8 25.6 38.4
65 33.7 27.0 40.6
92 20.2 15.9 23.9

Manual Integrations

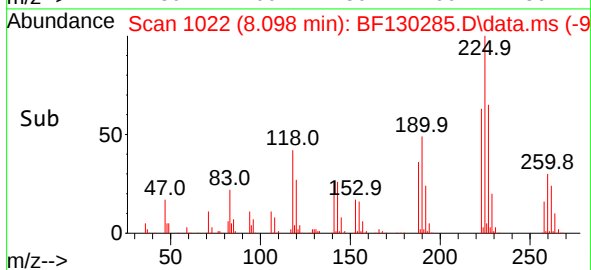
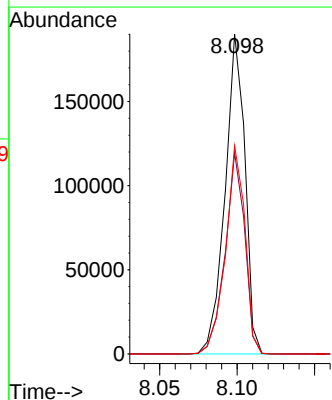
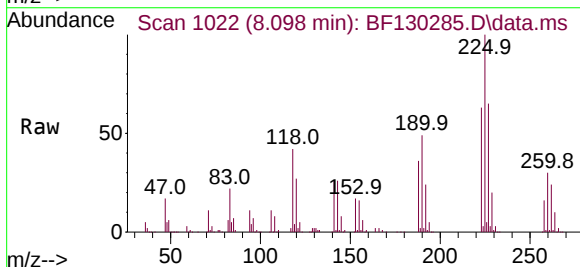
APPROVED

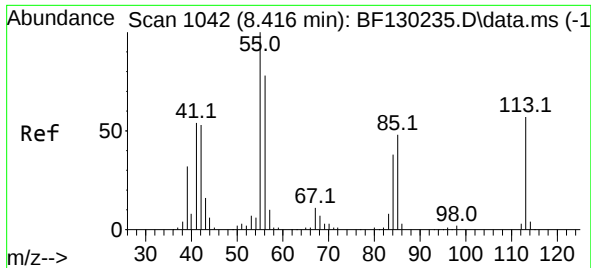
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#34
Hexachlorobutadiene
Concen: 42.466 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

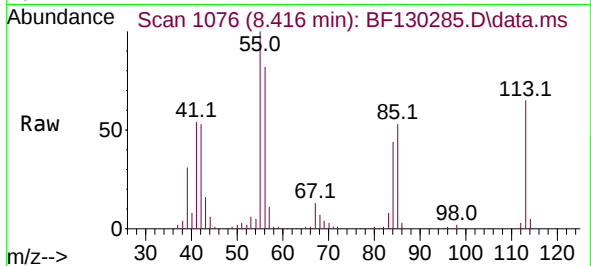
Tgt Ion:225 Resp: 170305
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 65.1 51.1 76.7





#35
 Caprolactam
 Concen: 47.720 ng m
 RT: 8.416 min Scan# 1042
 Delta R.T. 0.000 min
 Lab File: BF130285.D
 Acq: 16 Sep 2022 11:14

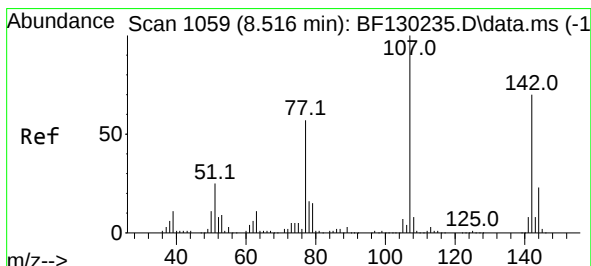
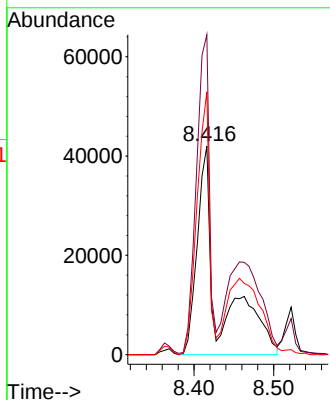
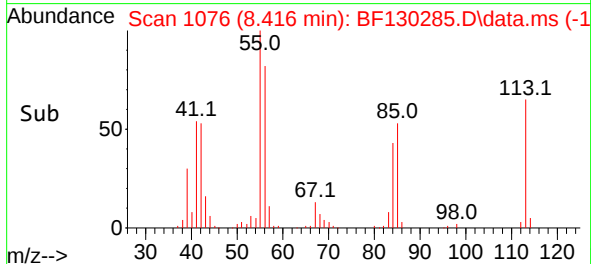
Instrument :
 BNA_F
 ClientSampleId :
 PB147653BS



Tgt Ion:113 Resp: 79402
 Ion Ratio Lower Upper
 113 100
 55 153.4 155.4 195.4
 56 126.0 120.4 160.4

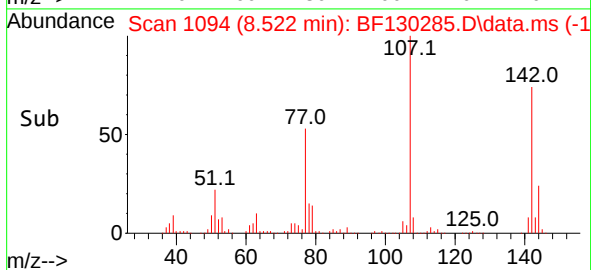
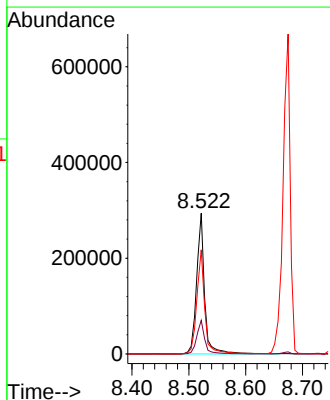
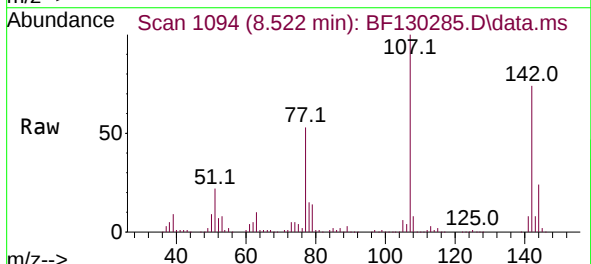
Manual Integrations
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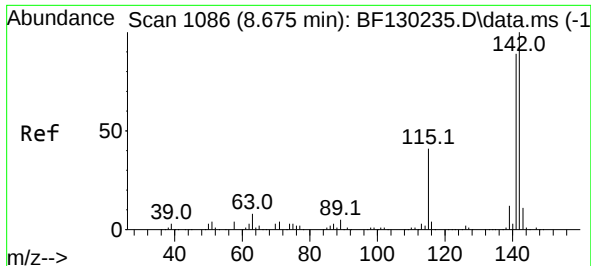
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.266 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF130285.D
 Acq: 16 Sep 2022 11:14

Tgt Ion:107 Resp: 284780
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 74.0 61.3 91.9





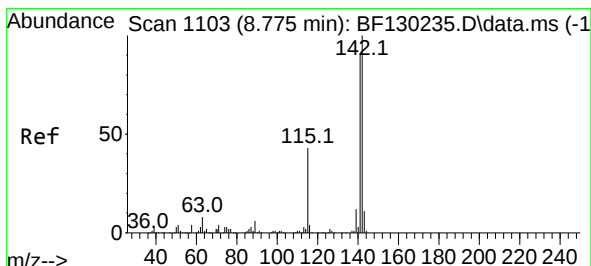
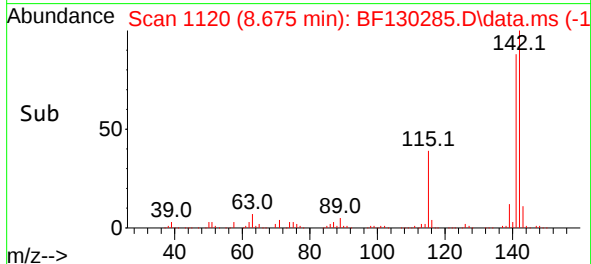
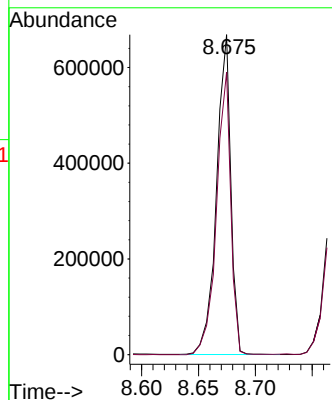
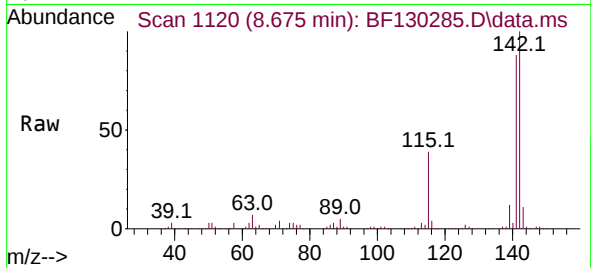
#37
2-Methylnaphthalene
Concen: 42.177 ng
RT: 8.675 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB147653BS

Tgt Ion:142 Resp: 584915
Ion Ratio Lower Upper
142 100
141 88.3 70.0 105.0

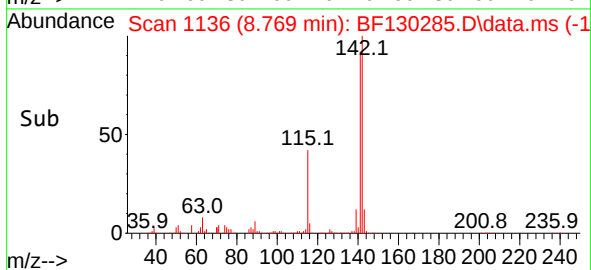
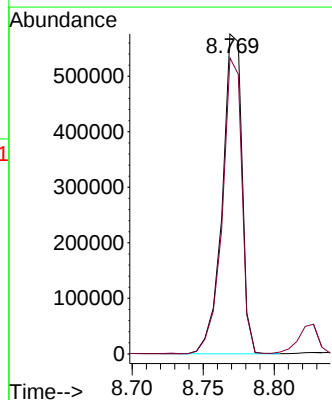
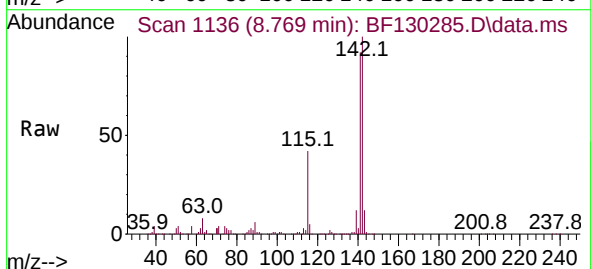
Manual Integrations
APPROVED

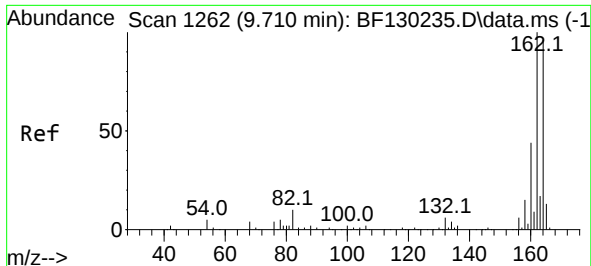
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#38
1-Methylnaphthalene
Concen: 41.684 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:142 Resp: 555333
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.8





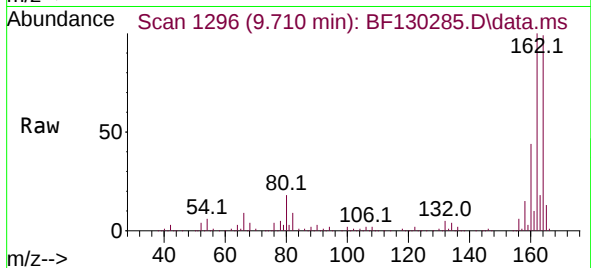
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

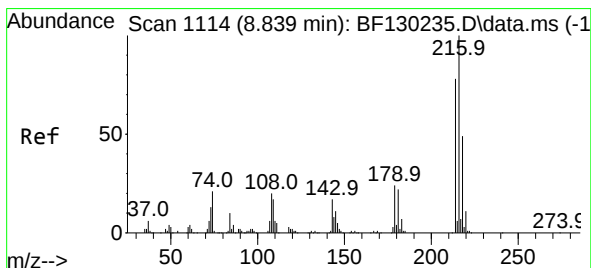
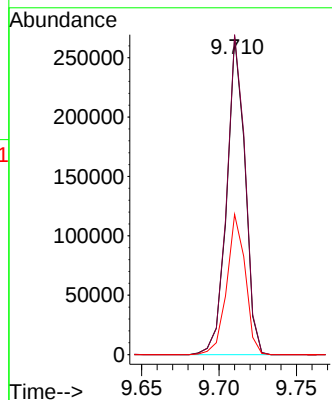
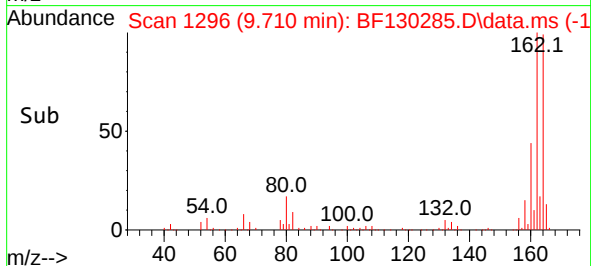


Tgt Ion:164 Resp: 219944
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.1 36.2 54.4

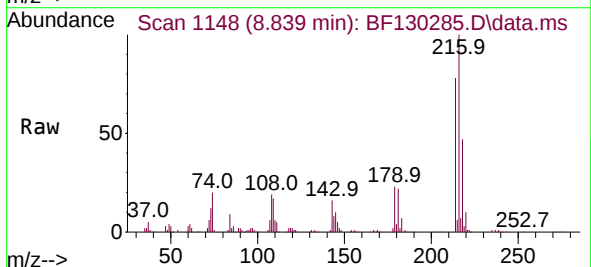
Manual Integrations

APPROVED

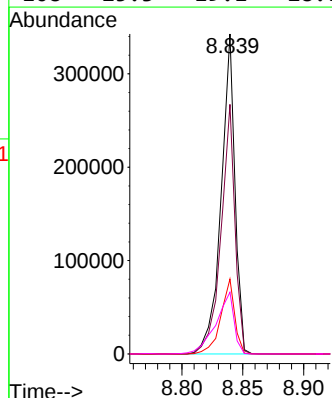
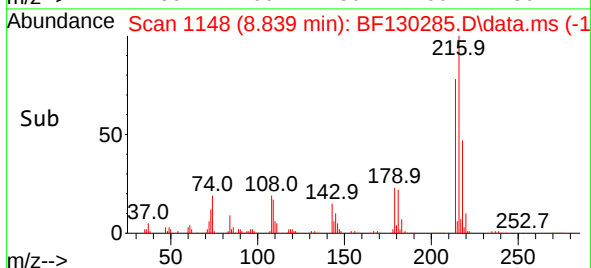
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.289 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



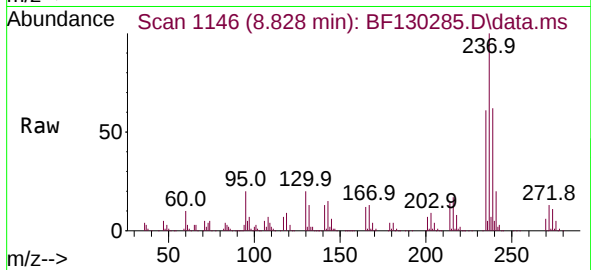
Tgt Ion:216 Resp: 271843
Ion Ratio Lower Upper
216 100
214 77.9 62.8 94.2
179 23.3 19.5 29.3
108 25.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 114.363 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

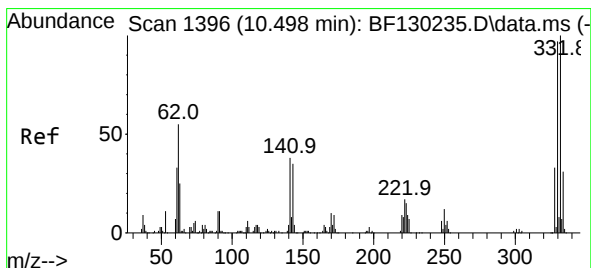
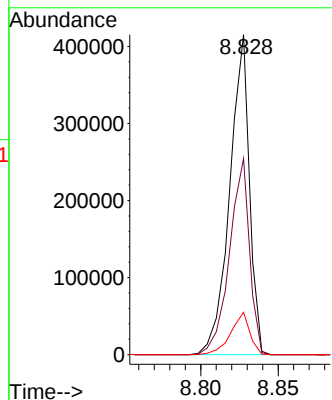
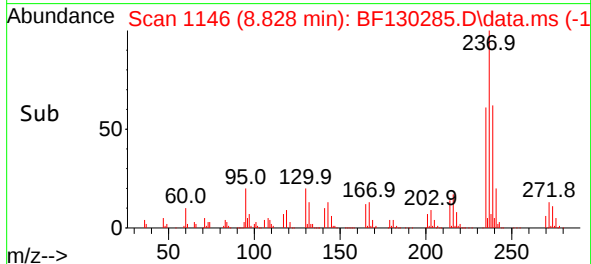
Instrument :
BNA_F
ClientSampleId :
PB147653BS



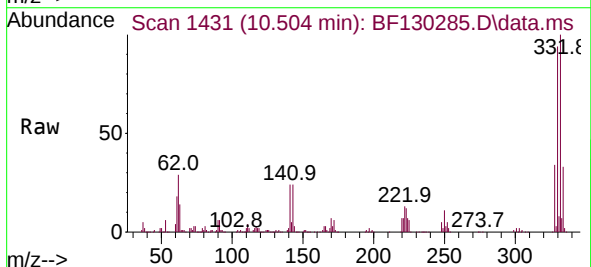
Tgt Ion:237 Resp: 367520
Ion Ratio Lower Upper
237 100
235 61.3 42.5 82.5
272 13.2 0.0 32.8

Manual Integrations
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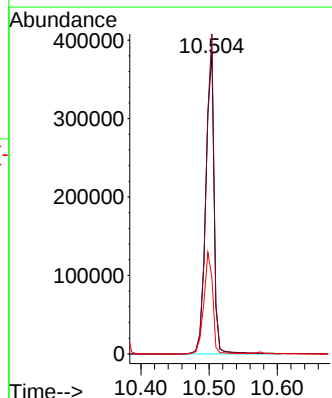
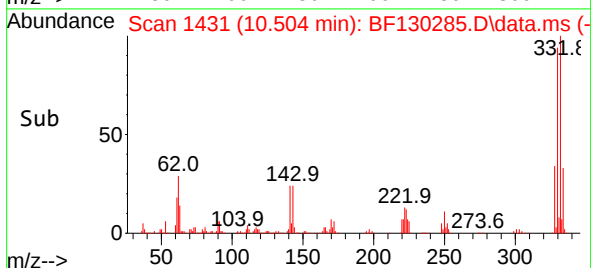
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

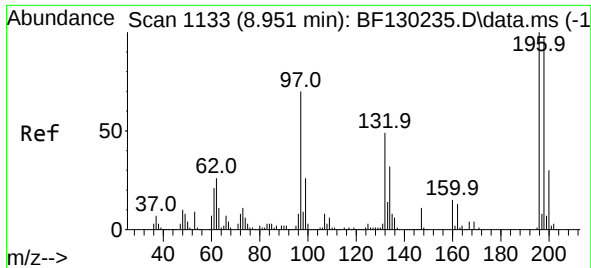


#42
2,4,6-Tribromophenol
Concen: 154.106 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



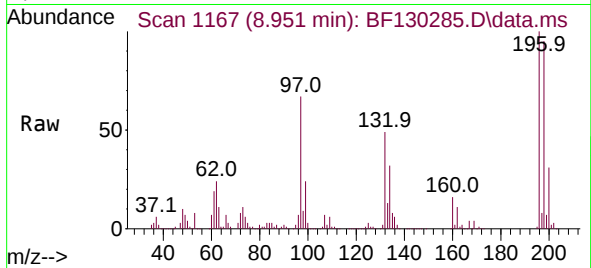
Tgt Ion:330 Resp: 324775
Ion Ratio Lower Upper
330 100
332 103.5 83.4 125.2
141 35.8 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 43.424 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

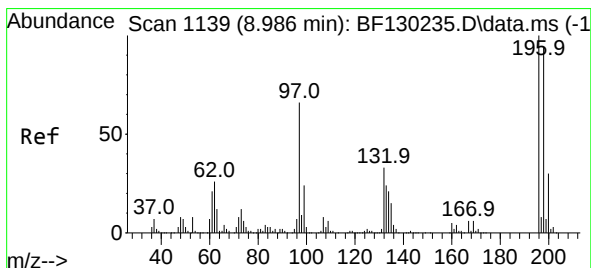
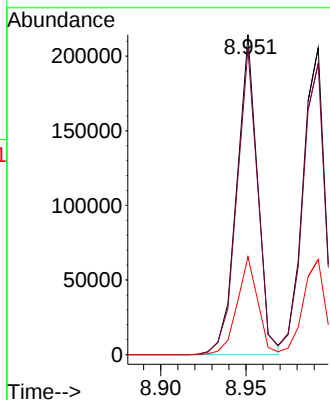
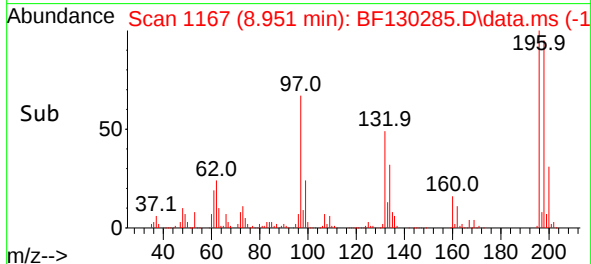
Instrument :
BNA_F
ClientSampleId :
PB147653BS



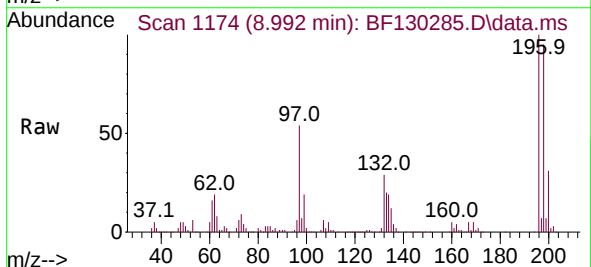
Tgt Ion:196 Resp: 181909
Ion Ratio Lower Upper
196 100
198 95.5 72.4 108.6
200 30.6 23.8 35.6

Manual Integrations
APPROVED

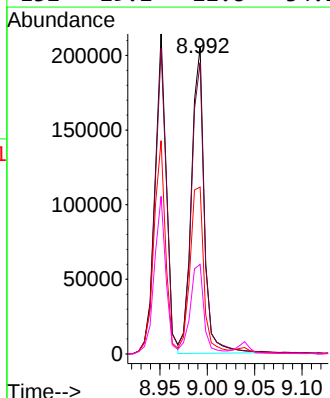
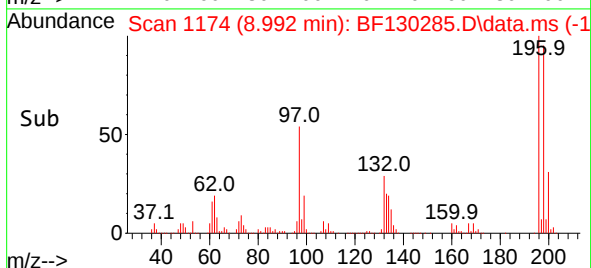
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

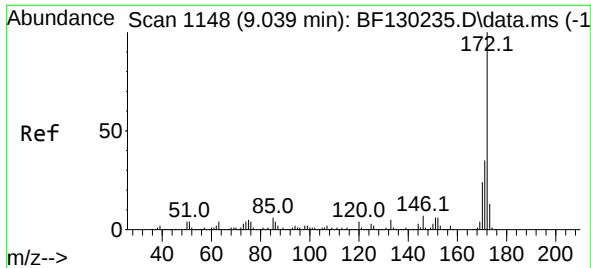


#44
2,4,5-Trichlorophenol
Concen: 42.885 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



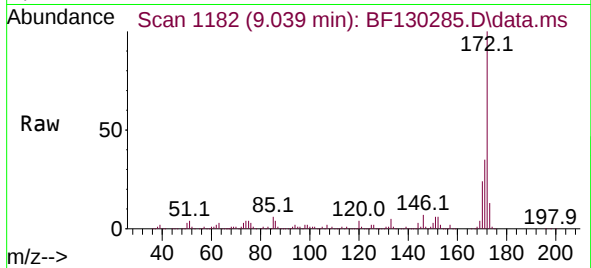
Tgt Ion:196 Resp: 193861
Ion Ratio Lower Upper
196 100
198 94.9 74.8 112.2
97 54.4 43.7 65.5
132 29.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 81.517 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

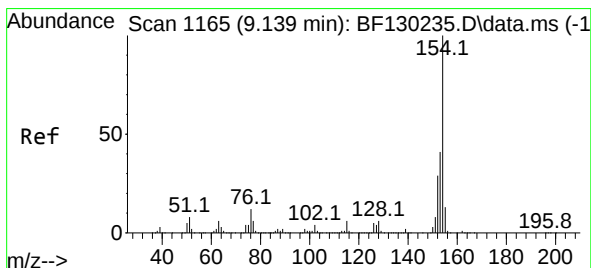
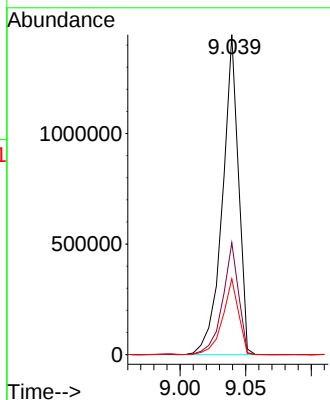
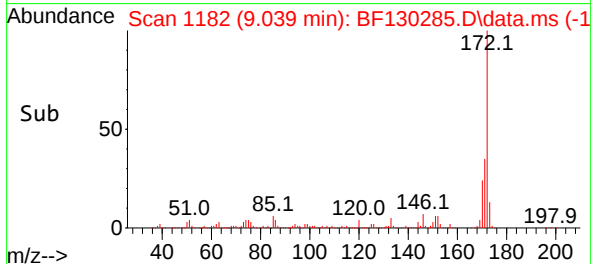
Instrument :
BNA_F
ClientSampleId :
PB147653BS



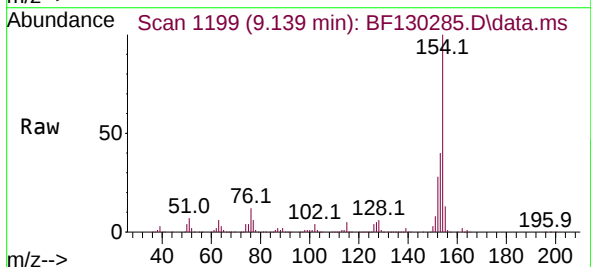
Tgt Ion:172 Resp: 1231233
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 18.7 28.1

Manual Integrations
APPROVED

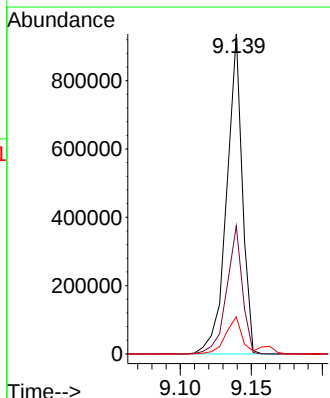
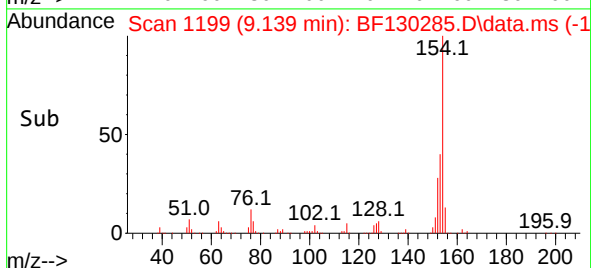
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

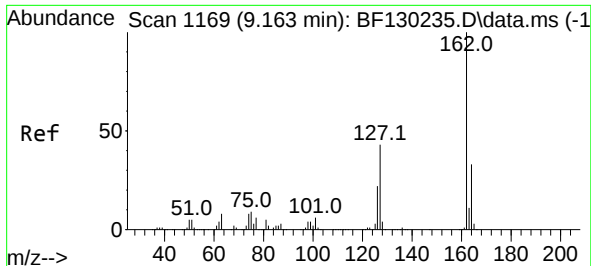


#46
1,1'-Biphenyl
Concen: 43.630 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:154 Resp: 716688
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.076 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

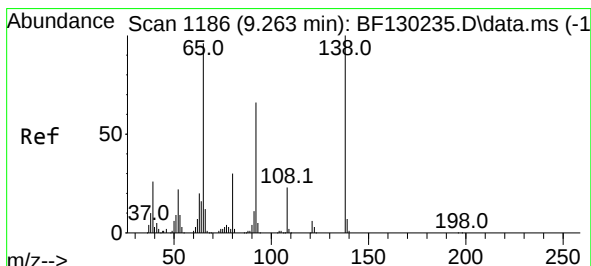
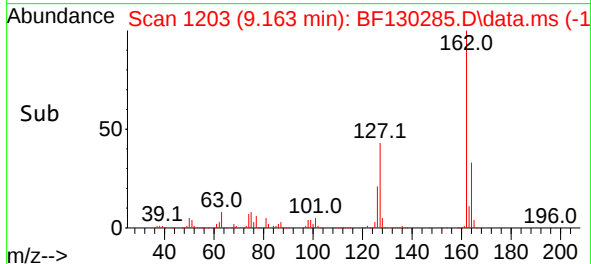
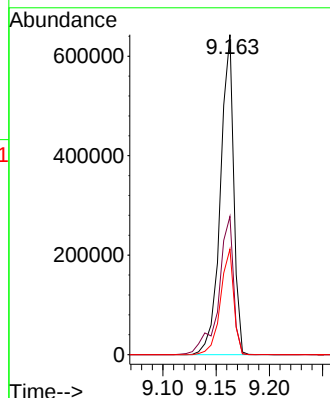
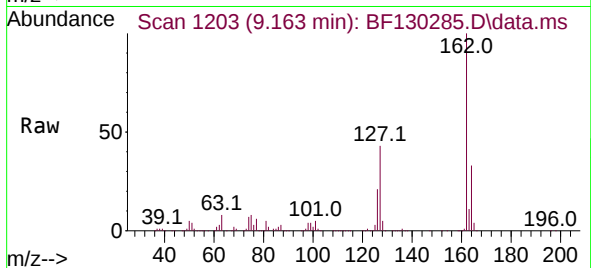
PB147653BS

Tgt Ion:162 Resp: 559103
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.9 53.9
 164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#48

2-Nitroaniline

Concen: 40.329 ng

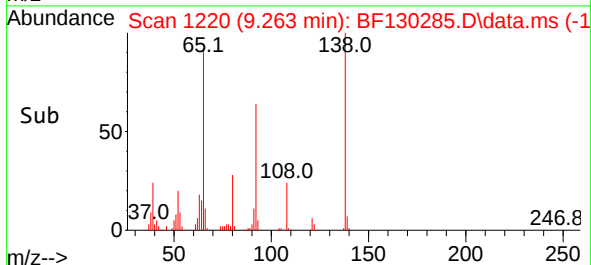
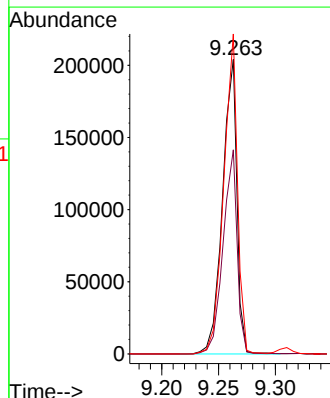
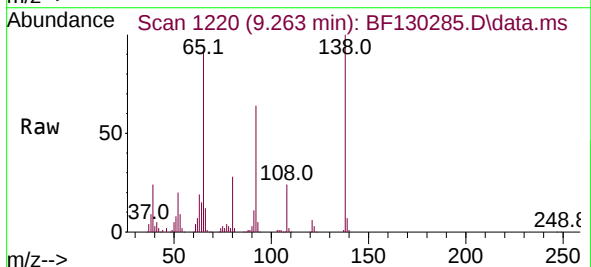
RT: 9.263 min Scan# 1220

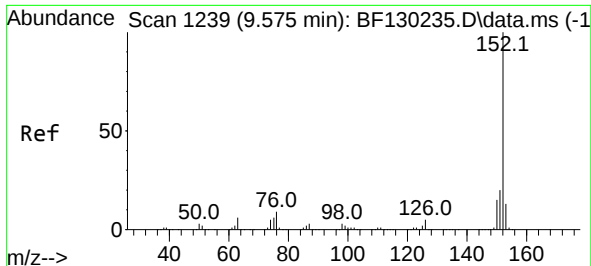
Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Tgt Ion: 65 Resp: 178737
 Ion Ratio Lower Upper
 65 100
 92 69.3 52.2 78.4
 138 108.7 77.0 115.4





#49

Acenaphthylene

Concen: 42.567 ng

RT: 9.575 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF130285.D

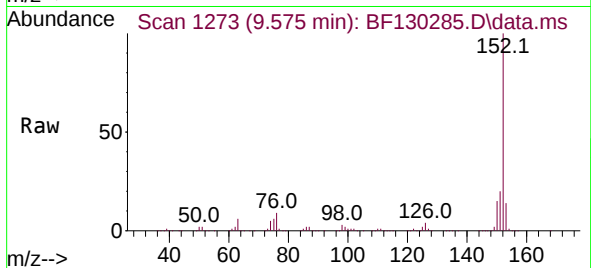
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

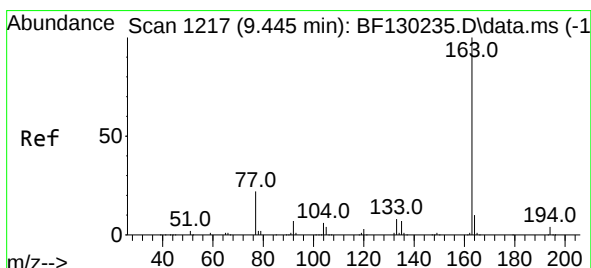
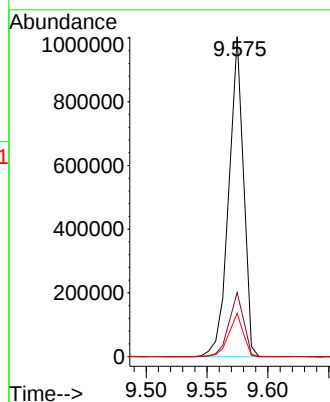
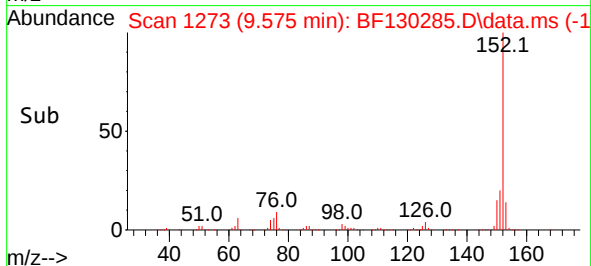


Tgt Ion:	152	Resp:	848073
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	13.5	10.6	15.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#50

Dimethylphthalate

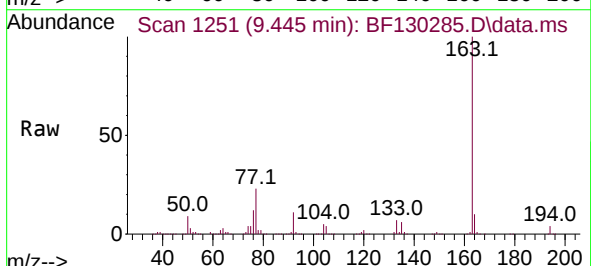
Concen: 43.318 ng

RT: 9.445 min Scan# 1251

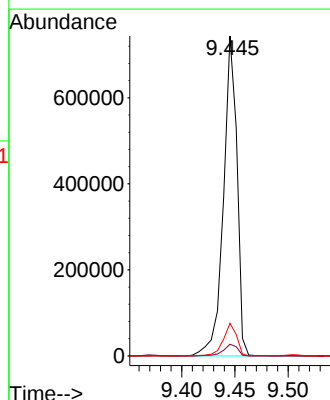
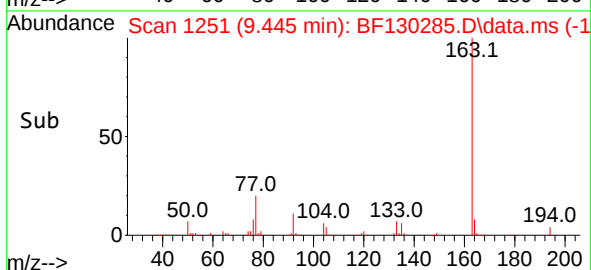
Delta R.T. 0.000 min

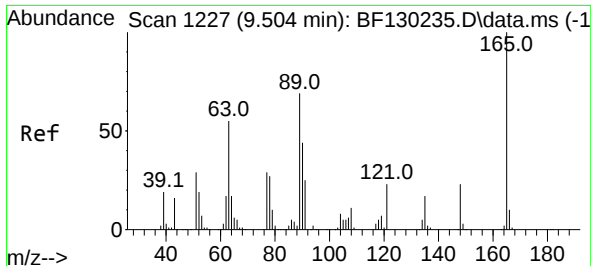
Lab File: BF130285.D

Acq: 16 Sep 2022 11:14



Tgt Ion:	163	Resp:	658119
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	10.2	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 45.048 ng

RT: 9.504 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

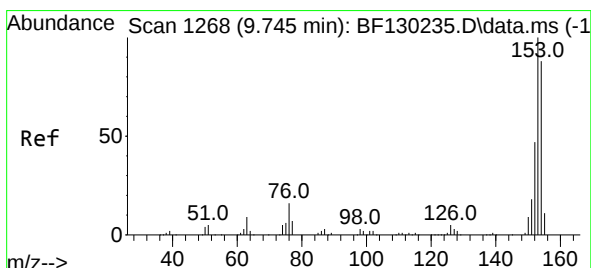
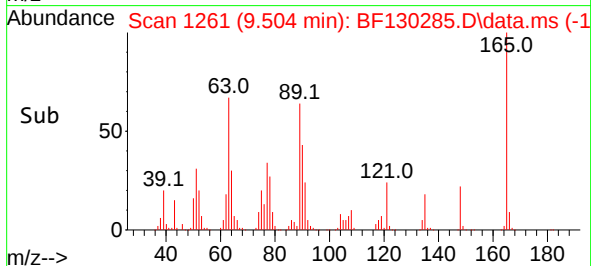
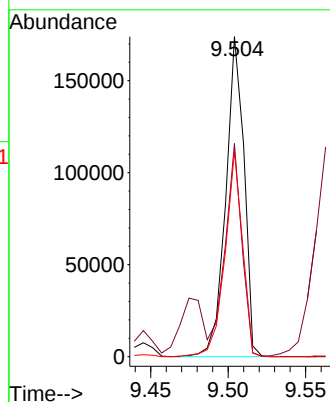
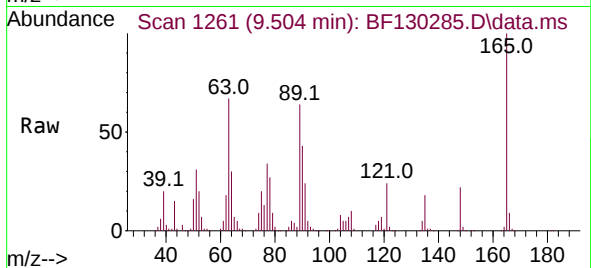
Tgt Ion:	165	Resp:	143136
Ion Ratio	Lower	Upper	
165	100		
63	66.6	58.8	88.2
89	64.2	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#52

Acenaphthene

Concen: 47.768 ng m

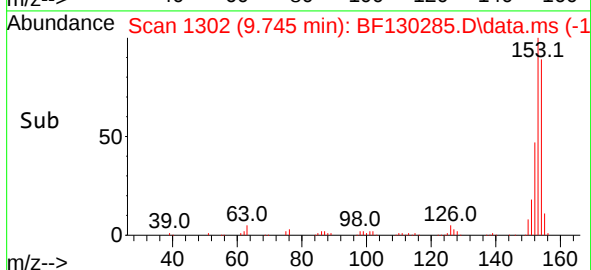
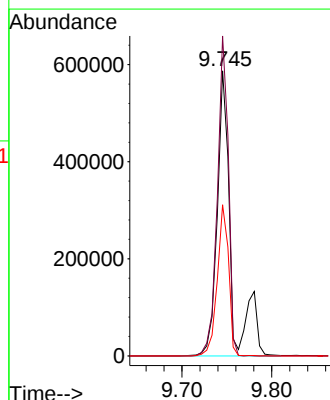
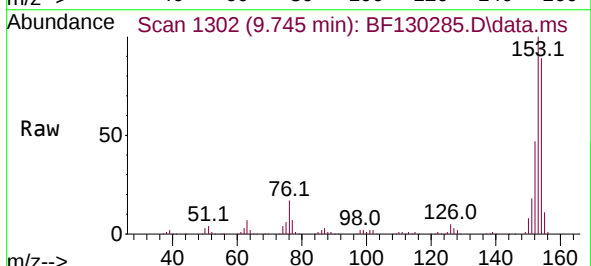
RT: 9.745 min Scan# 1302

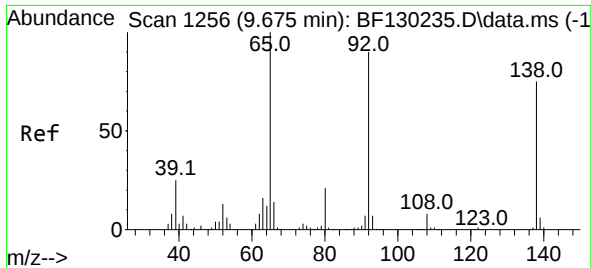
Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Tgt Ion:	154	Resp:	625294
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.6	136.0
152	53.0	43.8	65.6





#53
3-Nitroaniline
Concen: 36.004 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

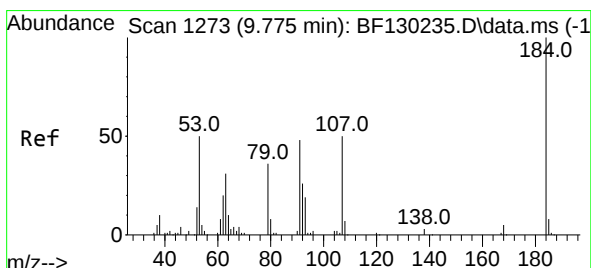
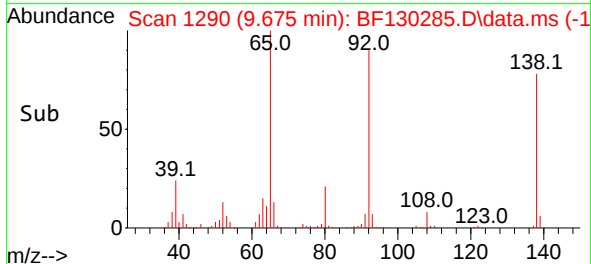
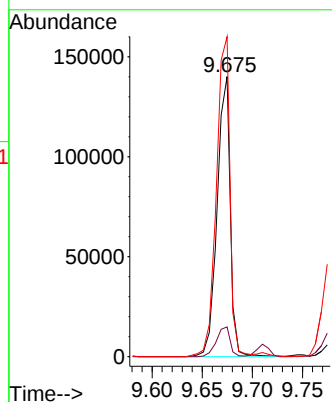
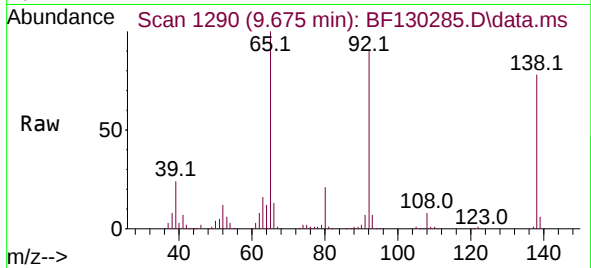
PB147653BS

Tgt Ion:138 Resp: 127474
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 114.2 99.2 148.8

Manual Integrations

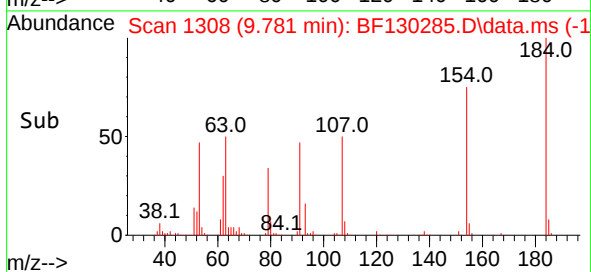
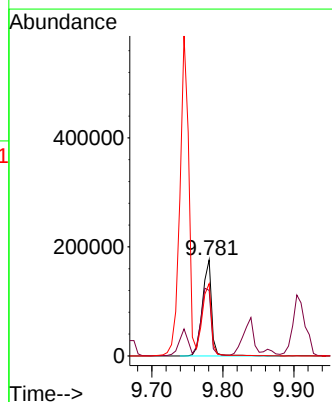
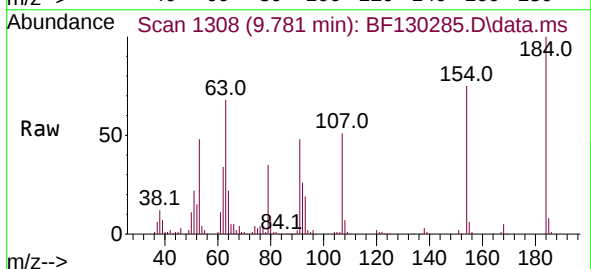
APPROVED

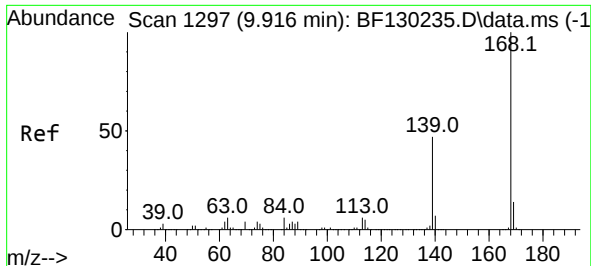
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#54
2,4-Dinitrophenol
Concen: 89.589 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:184 Resp: 155820
Ion Ratio Lower Upper
184 100
63 68.2 70.0 105.0#
154 75.3 63.0 94.6





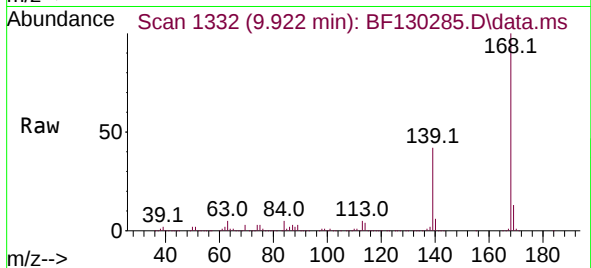
#55
Dibenzenofuran
Concen: 42.580 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

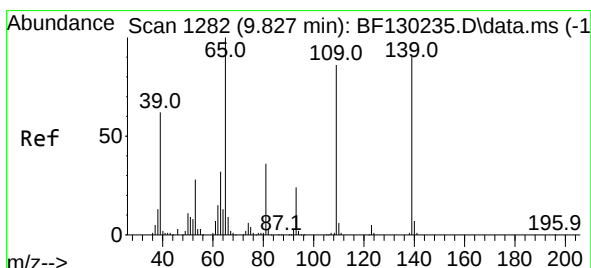
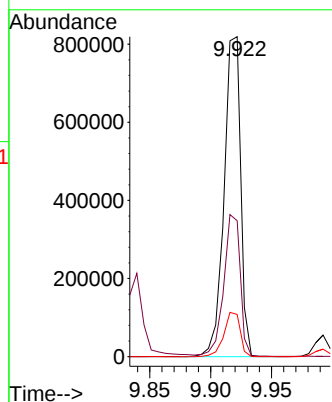
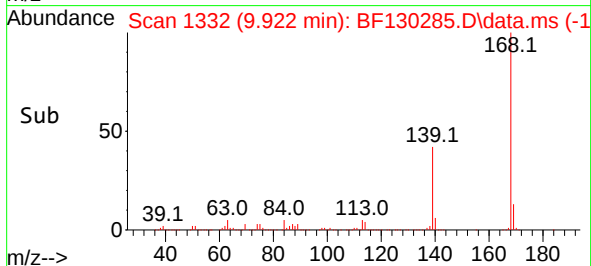
PB147653BS



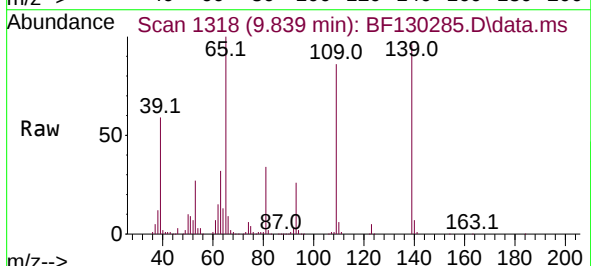
Tgt Ion:168 Resp: 775279
Ion Ratio Lower Upper
168 100
139 42.5 35.0 52.4
169 13.2 10.9 16.3

Manual Integrations
APPROVED

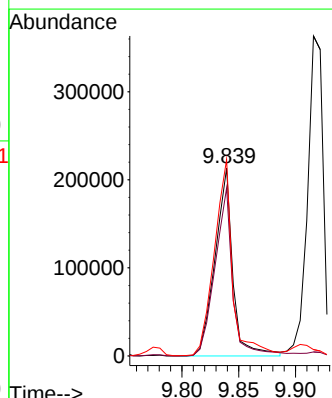
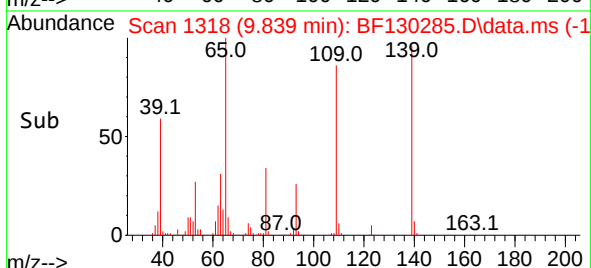
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

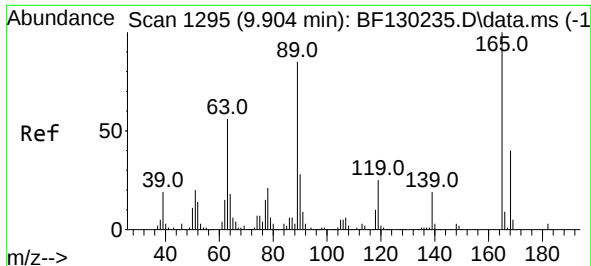


#56
4-Nitrophenol
Concen: 90.018 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:139 Resp: 232133
Ion Ratio Lower Upper
139 100
109 89.5 72.2 112.2
65 104.7 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 46.988 ng
RT: 9.904 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

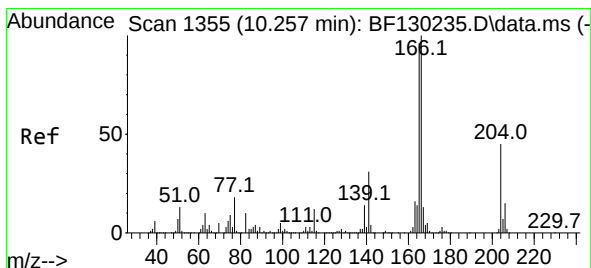
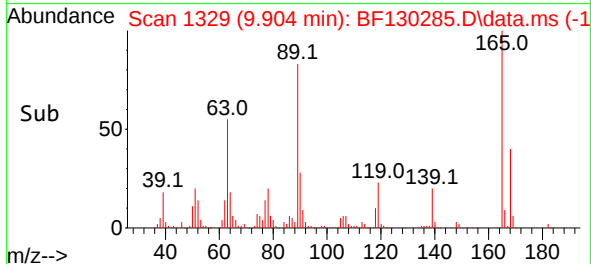
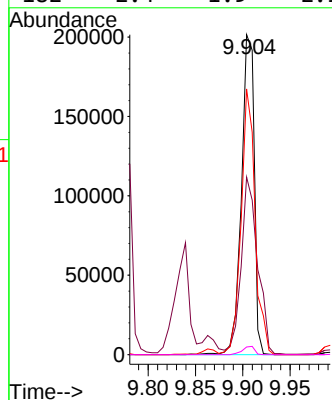
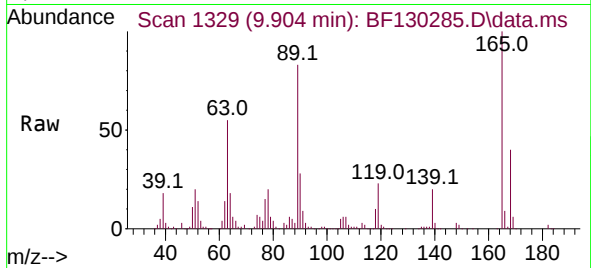
ClientSampleId :

PB147653BS

Tgt Ion:165 Resp: 190807
Ion Ratio Lower Upper
165 100
63 55.5 44.7 67.1
89 83.0 69.0 103.4
182 2.4 1.9 2.9

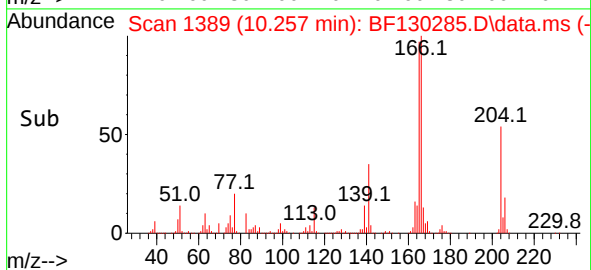
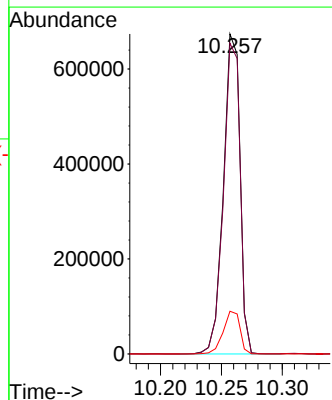
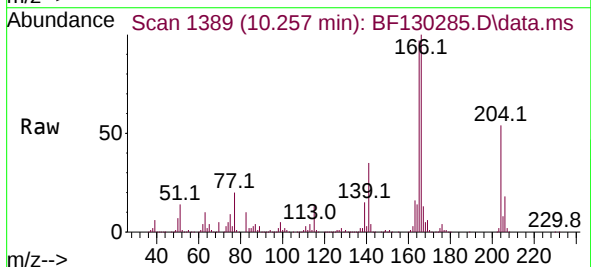
Manual Integrations
APPROVED

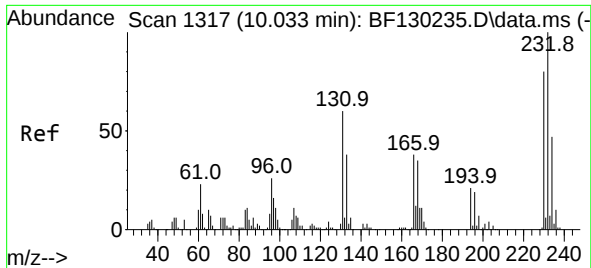
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#58
Fluorene
Concen: 42.756 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

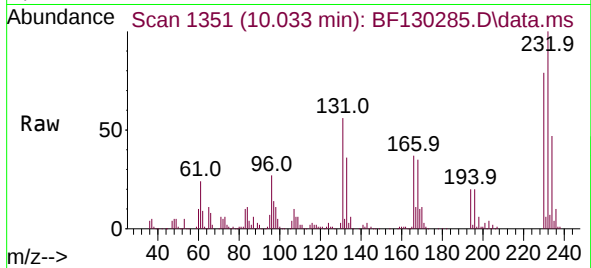
Tgt Ion:166 Resp: 636655
Ion Ratio Lower Upper
166 100
165 97.1 78.8 118.2
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.163 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

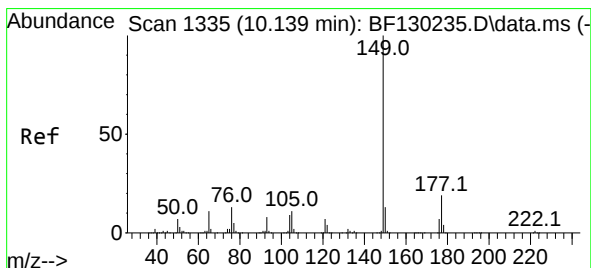
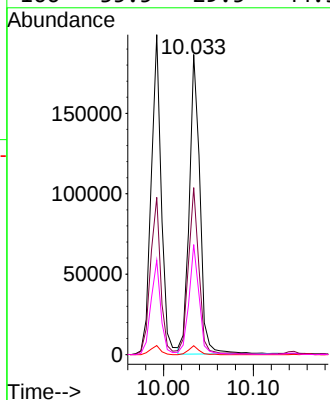
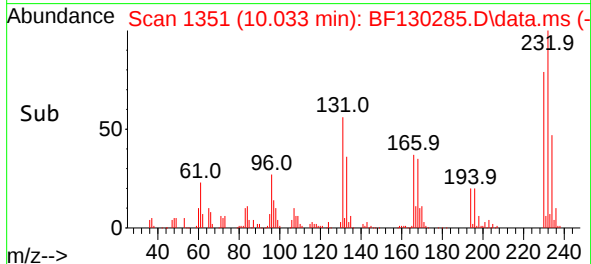
Instrument :
BNA_F
ClientSampleId :
PB147653BS



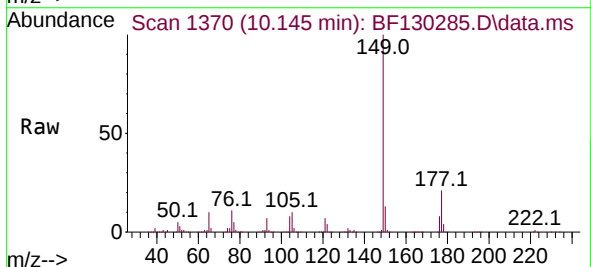
Tgt Ion:232 Resp: 152721
Ion Ratio Lower Upper
232 100
131 55.7 46.4 69.6
130 2.9 2.3 3.5
166 35.5 29.5 44.3

Manual Integrations
APPROVED

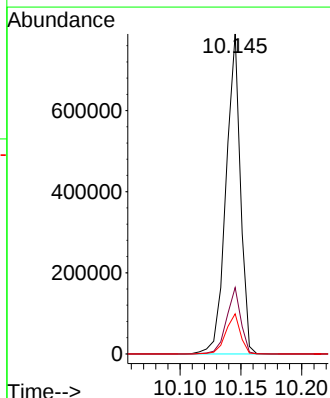
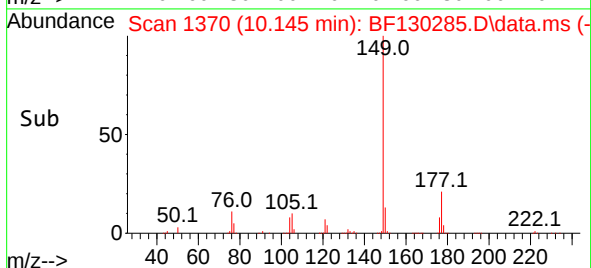
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

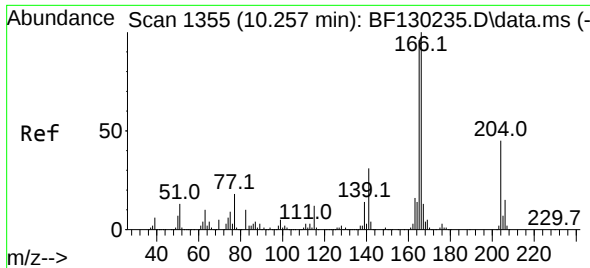


#60
Diethylphthalate
Concen: 42.644 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



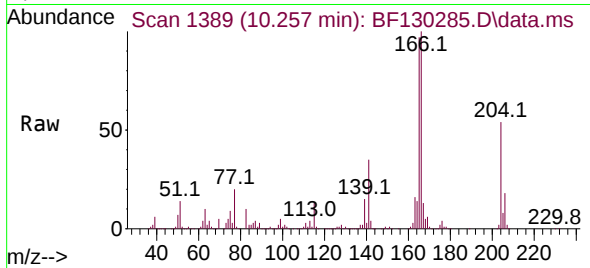
Tgt Ion:149 Resp: 649697
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.719 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

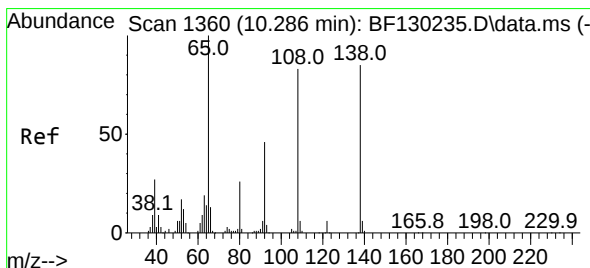
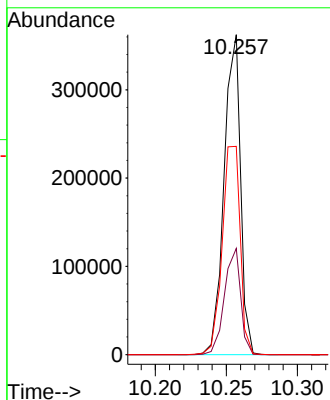
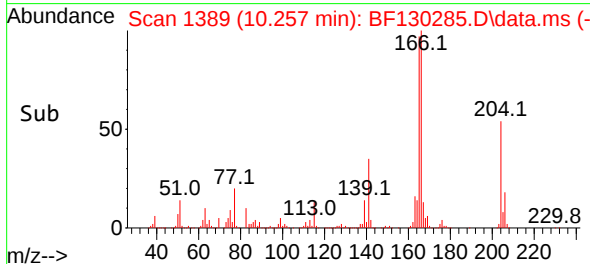
Instrument :
BNA_F
ClientSampleId :
PB147653BS



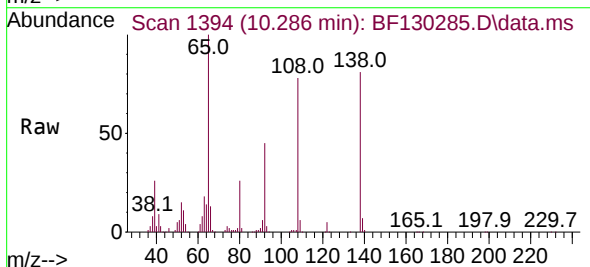
Tgt Ion:204 Resp: 292113
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 65.1 57.1 85.7

Manual Integrations
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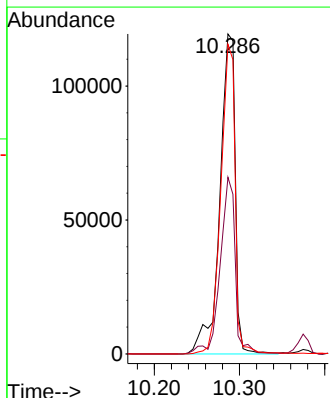
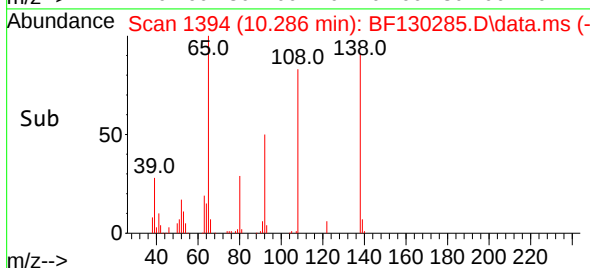
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

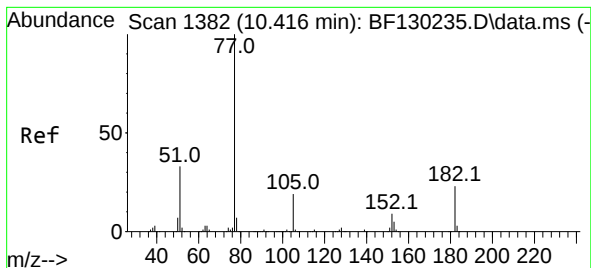


#62
4-Nitroaniline
Concen: 42.242 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:138 Resp: 150242
Ion Ratio Lower Upper
138 100
92 55.2 36.7 76.7
108 96.7 78.2 118.2





#63

Azobenzene

Concen: 39.606 ng

RT: 10.416 min Scan# 1416

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

Tgt Ion: 77 Resp: 621339

Ion Ratio Lower Upper

77 100

182 24.2 2.1 42.1

105 20.4 0.0 39.4

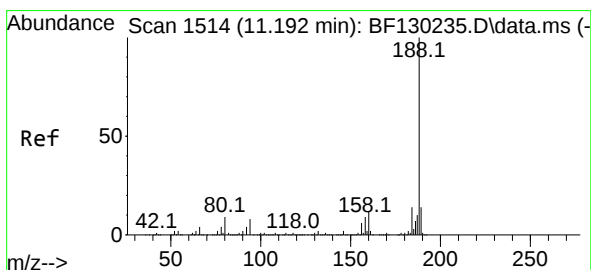
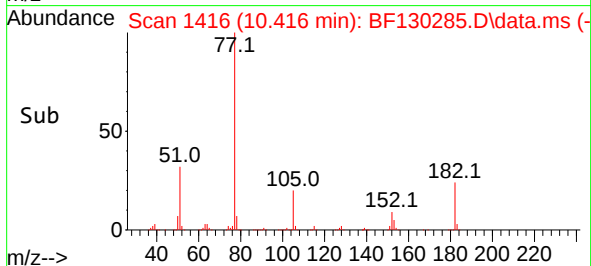
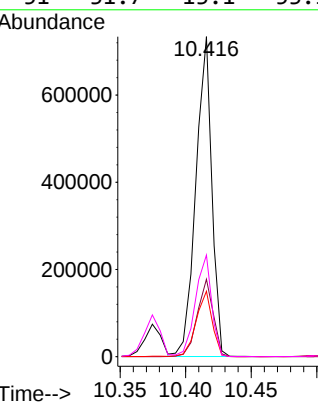
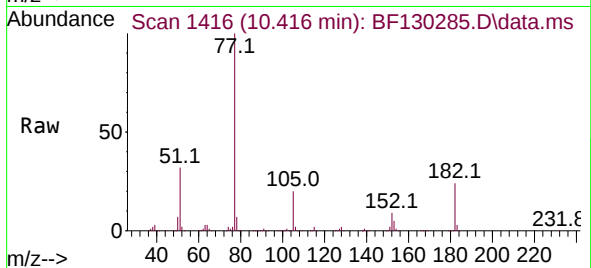
51 31.7 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

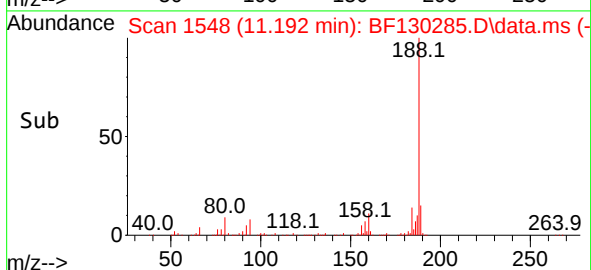
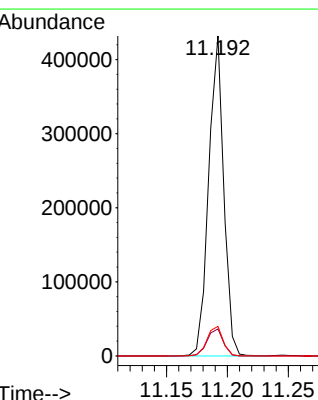
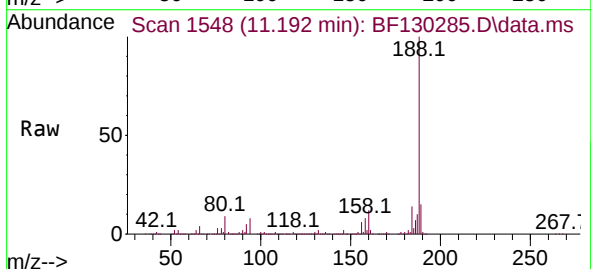
Tgt Ion:188 Resp: 369324

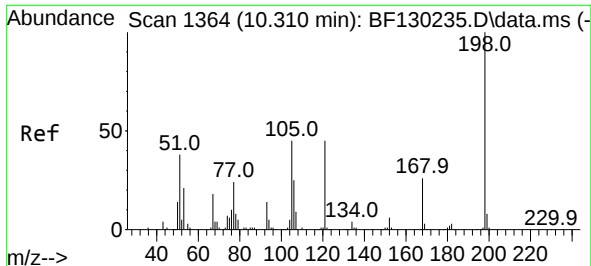
Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.2 7.9 11.9





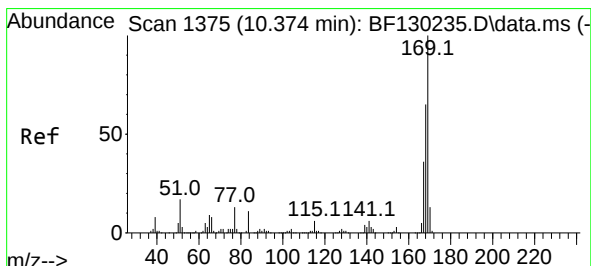
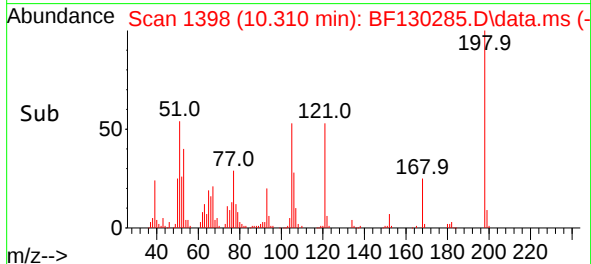
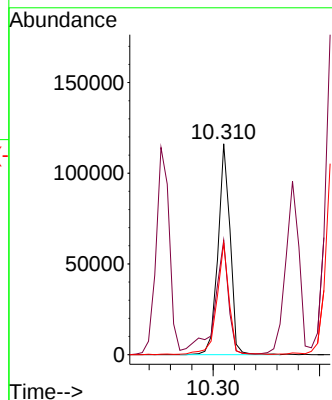
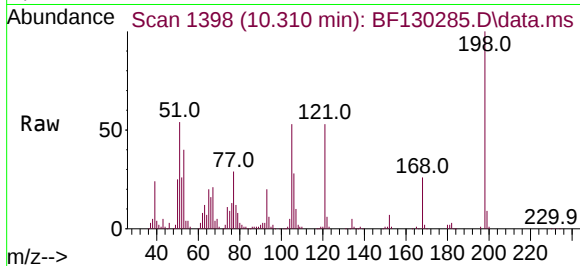
#65
4,6-Dinitro-2-methylphenol
Concen: 44.481 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB147653BS

Tgt Ion:198 Resp: 91448
Ion Ratio Lower Upper
198 100
51 54.2 36.9 76.9
105 53.0 33.0 73.0

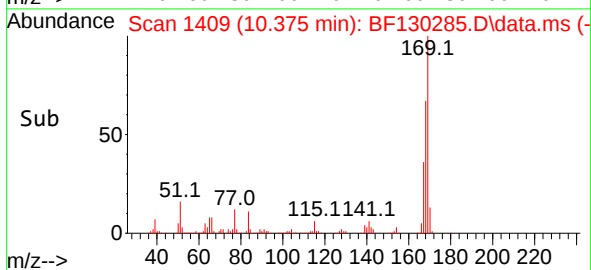
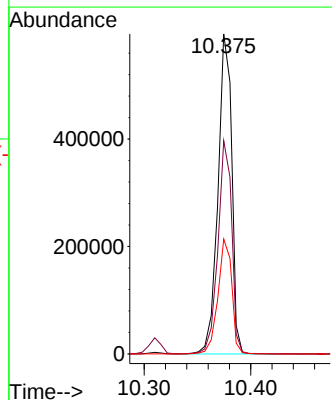
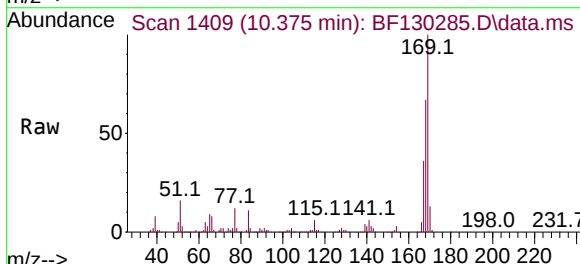
Manual Integrations
APPROVED

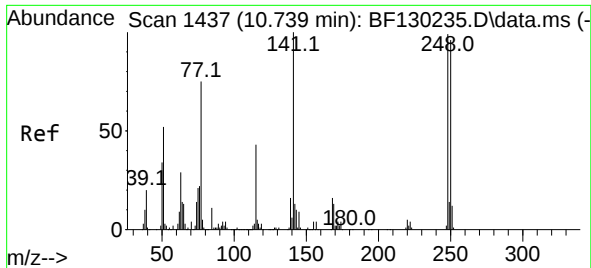
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#66
n-Nitrosodiphenylamine
Concen: 43.500 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

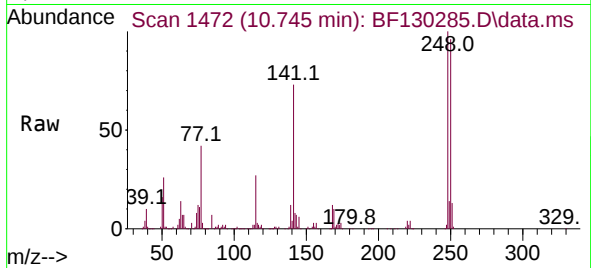
Tgt Ion:169 Resp: 536865
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.932 ng
RT: 10.745 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

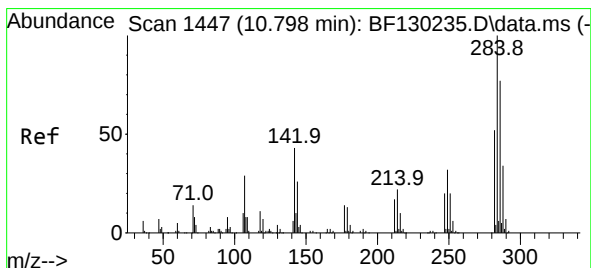
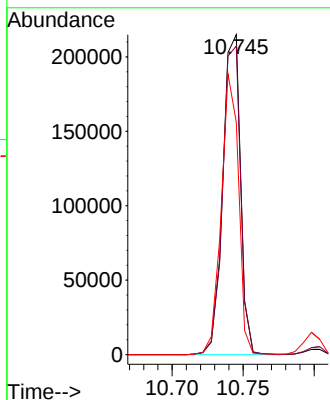
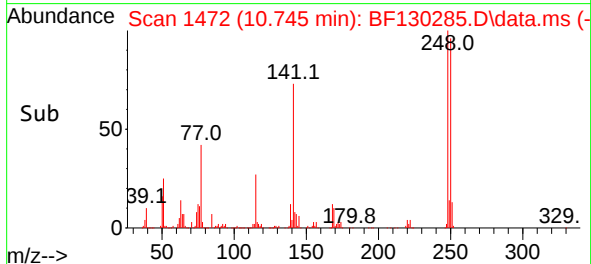
Instrument :
BNA_F
ClientSampleId :
PB147653BS



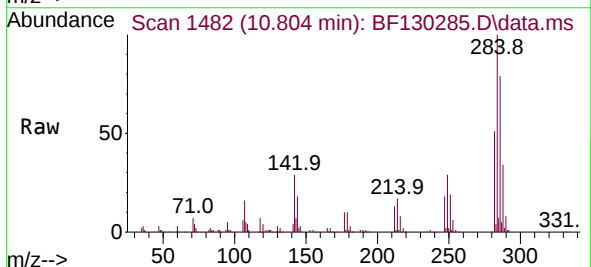
Tgt Ion:248 Resp: 187139
Ion Ratio Lower Upper
248 100
250 96.4 80.0 120.0
141 72.6 68.5 102.7

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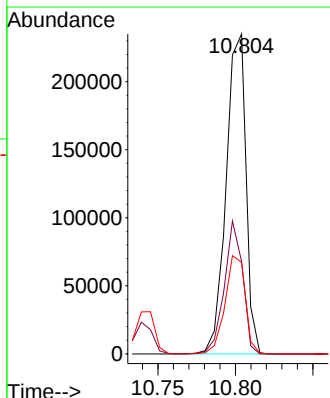
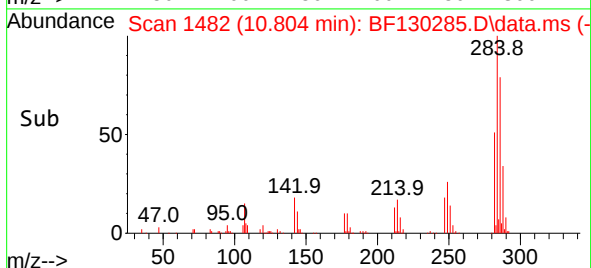
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

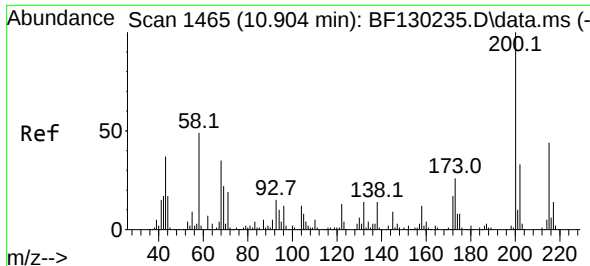


#68
Hexachlorobenzene
Concen: 45.539 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



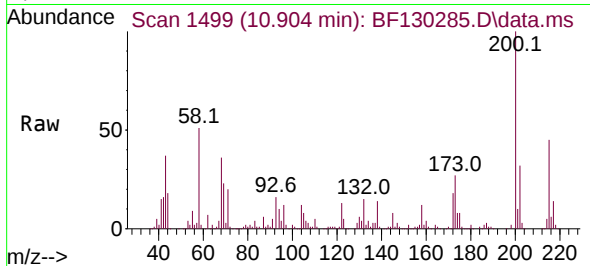
Tgt Ion:284 Resp: 210317
Ion Ratio Lower Upper
284 100
142 28.9 27.2 40.8
249 28.6 23.8 35.8





#69
Atrazine
Concen: 48.381 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

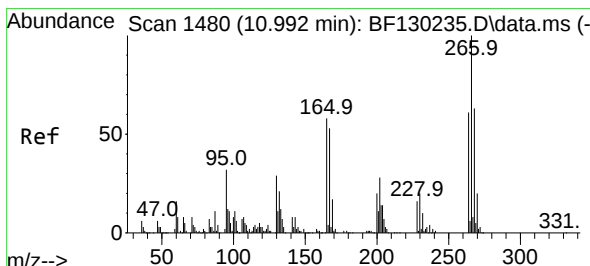
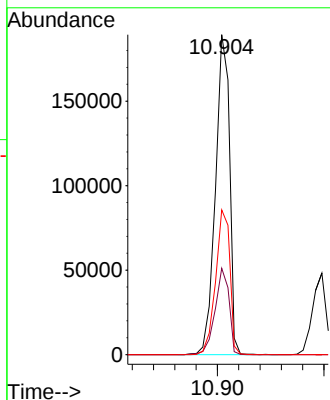
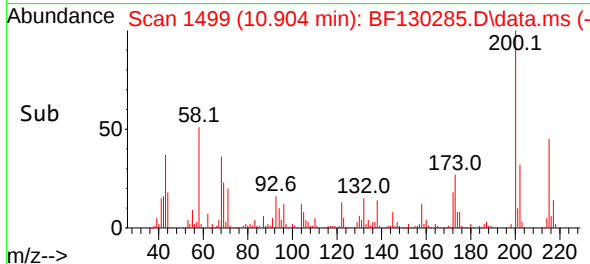
Instrument :
BNA_F
ClientSampleId :
PB147653BS



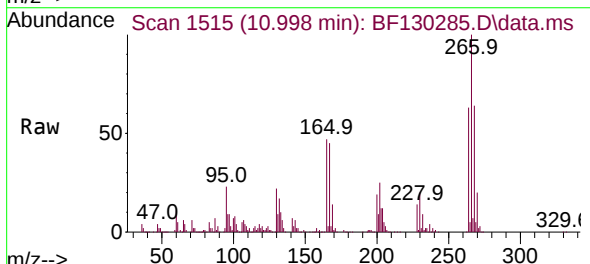
Tgt Ion:200 Resp: 174495
Ion Ratio Lower Upper
200 100
173 27.0 6.2 46.2
215 45.2 22.5 62.5

Manual Integrations
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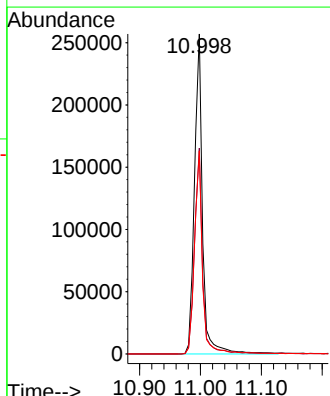
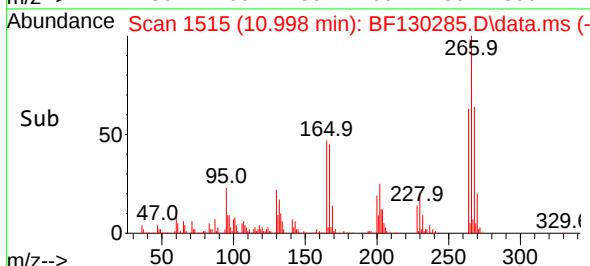
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

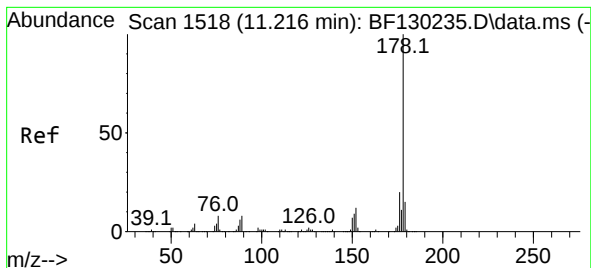


#70
Pentachlorophenol
Concen: 95.675 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:266 Resp: 237145
Ion Ratio Lower Upper
266 100
268 64.4 50.5 75.7
264 63.5 50.5 75.7





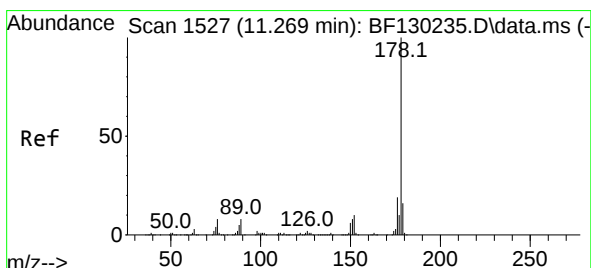
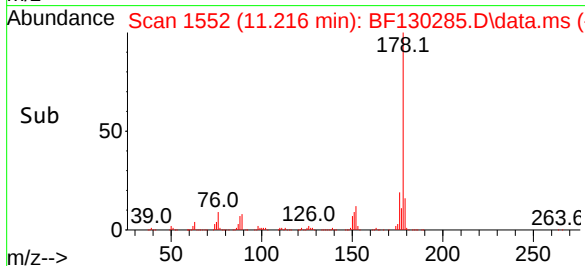
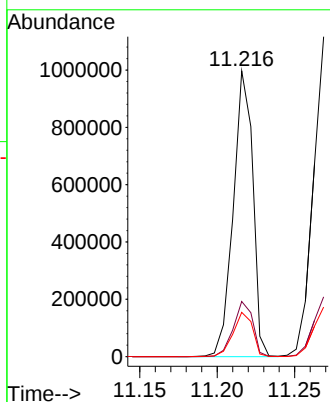
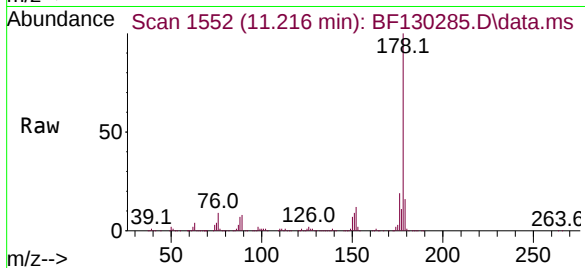
#71
Phenanthrene
Concen: 42.213 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB147653BS

Tgt Ion:178 Resp: 875303
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6

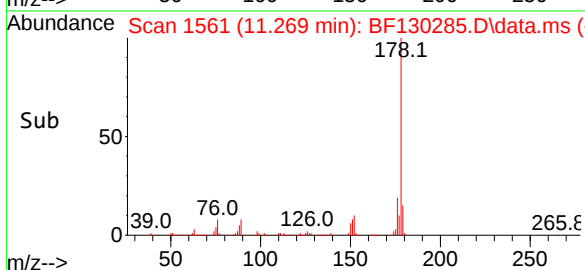
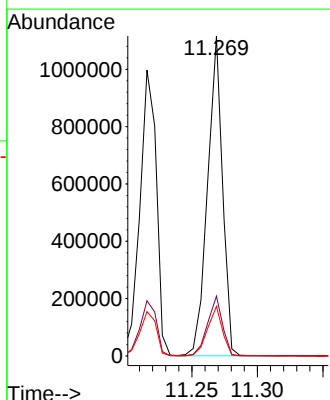
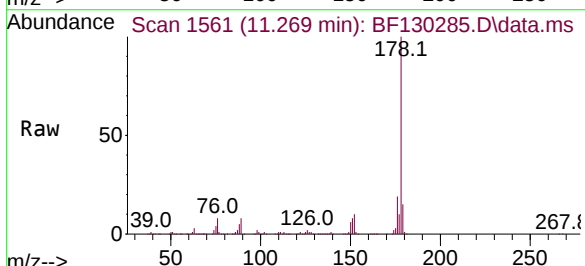
Manual Integrations
APPROVED

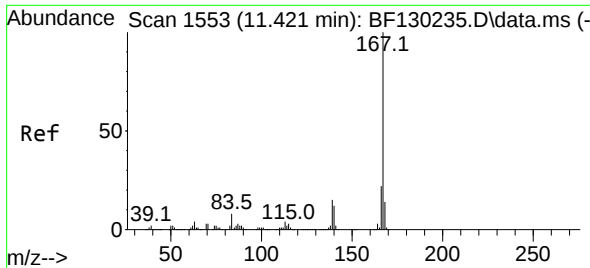
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#72
Anthracene
Concen: 44.341 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

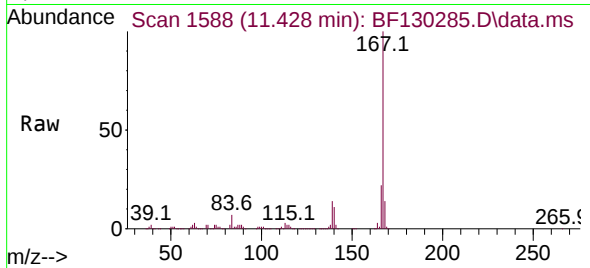
Tgt Ion:178 Resp: 887270
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 44.036 ng
 RT: 11.428 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130285.D
 Acq: 16 Sep 2022 11:14

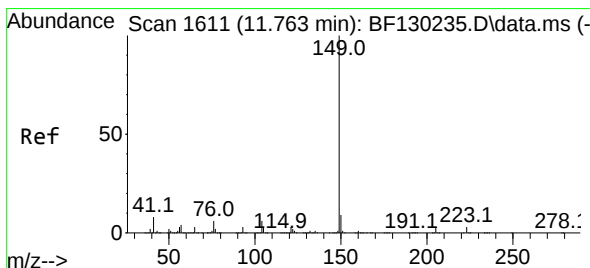
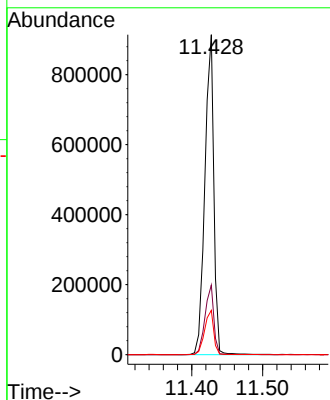
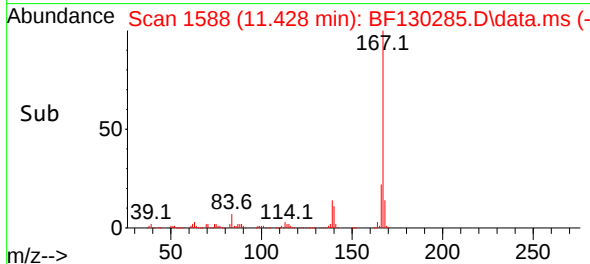
Instrument :
 BNA_F
 ClientSampleId :
 PB147653BS



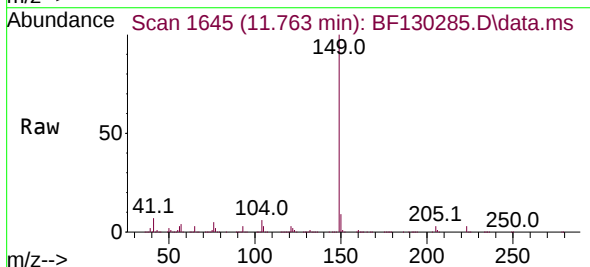
Tgt Ion:167 Resp: 795238
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.8 11.6 17.4

Manual Integrations
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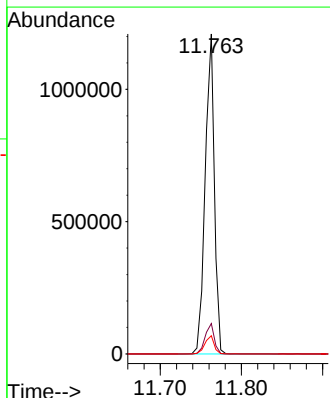
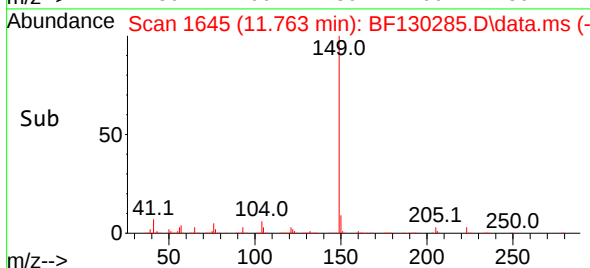
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

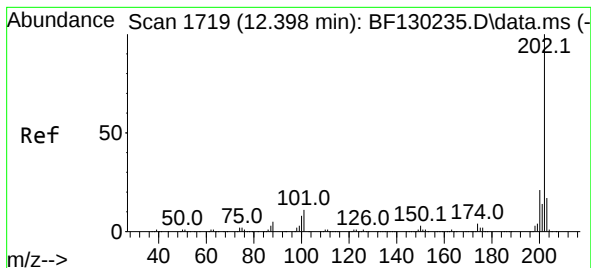


#74
 Di-n-butylphthalate
 Concen: 43.733 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130285.D
 Acq: 16 Sep 2022 11:14



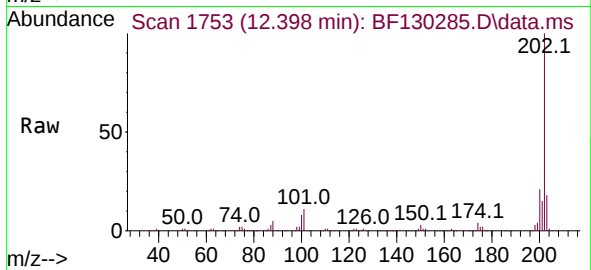
Tgt Ion:149 Resp: 952367
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.7 4.8 7.2





#75
Fluoranthene
Concen: 42.535 ng
RT: 12.398 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

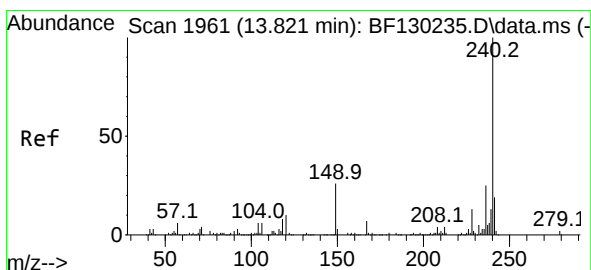
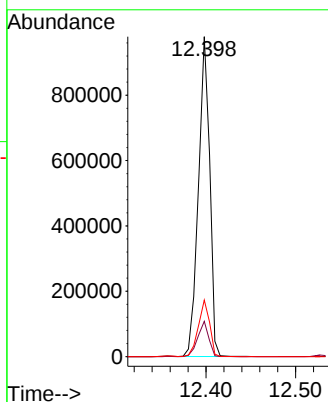
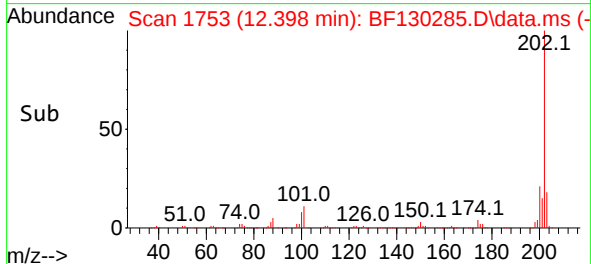
Instrument :
BNA_F
ClientSampleId :
PB147653BS



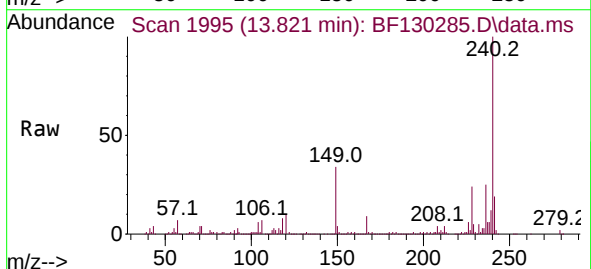
Tgt Ion:202 Resp: 852244
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.8
203 17.7 0.0 37.8

Manual Integrations
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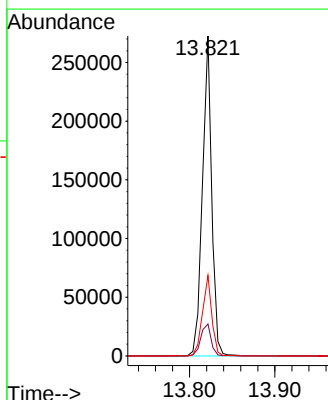
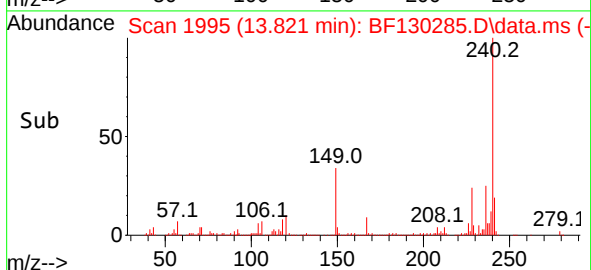
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

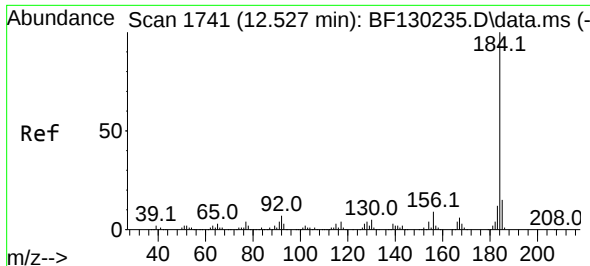


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.821 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



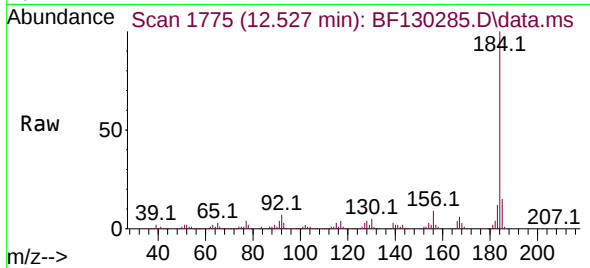
Tgt Ion:240 Resp: 205732
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 25.1 20.9 31.3





#77
Benzidine
Concen: 70.958 ng
RT: 12.527 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

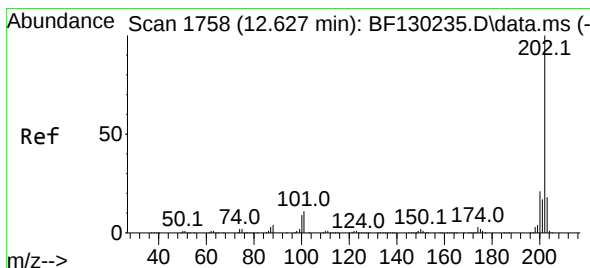
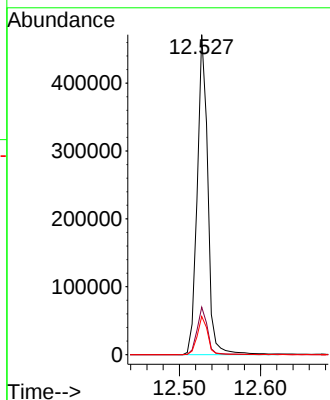
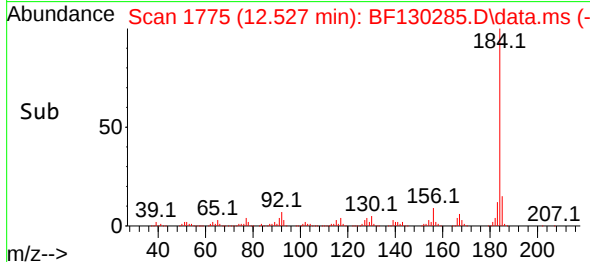
Instrument :
BNA_F
ClientSampleId :
PB147653BS



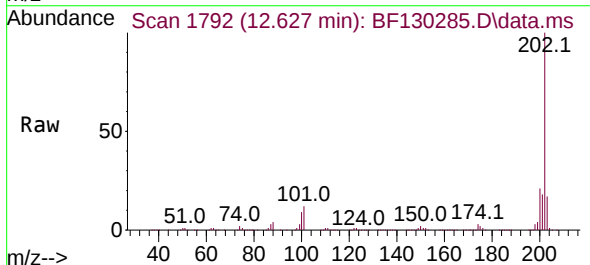
Tgt Ion:184 Resp: 423778
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.0 9.1 13.7

Manual Integrations
APPROVED

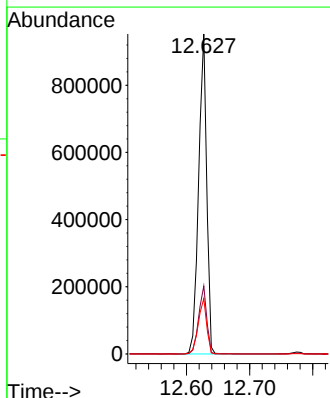
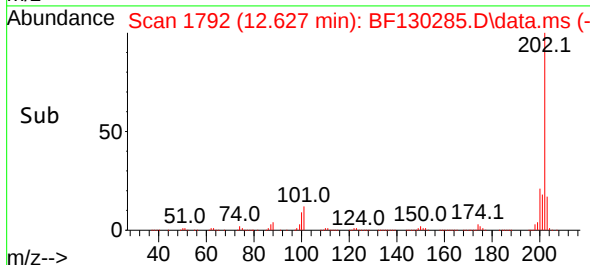
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

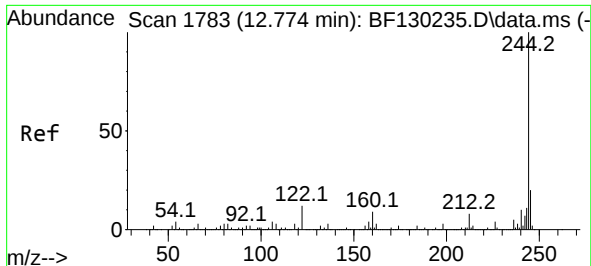


#78
Pyrene
Concen: 47.126 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



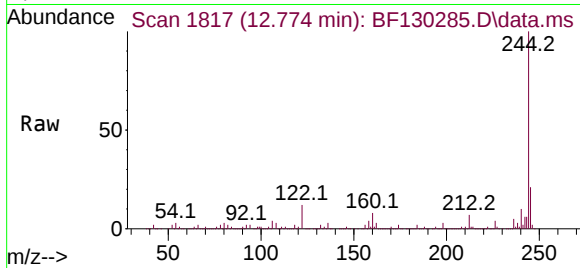
Tgt Ion:202 Resp: 848151
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 14.3 21.5





#79
Terphenyl-d14
Concen: 98.845 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

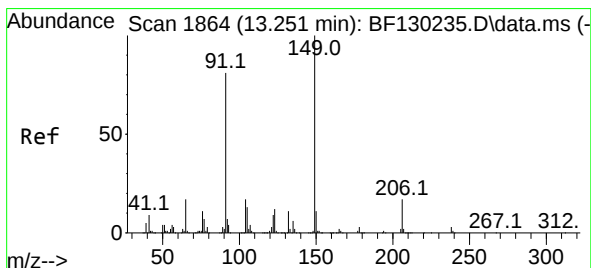
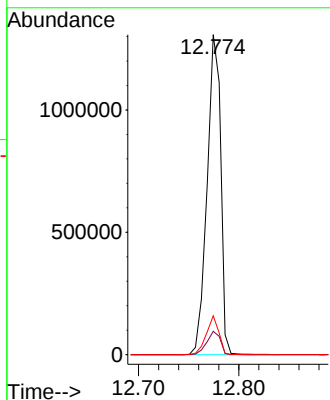
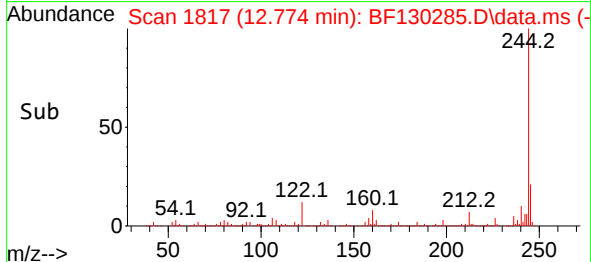
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion:244 Resp: 1227624
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.1 8.5 12.7

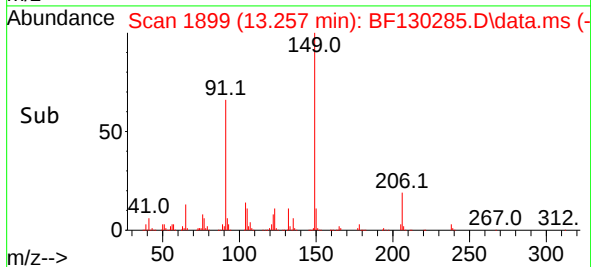
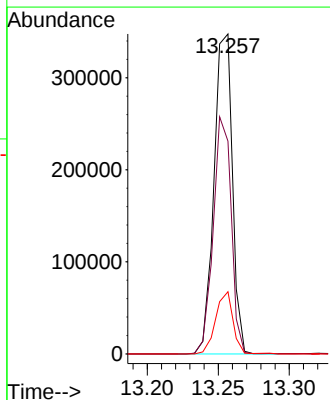
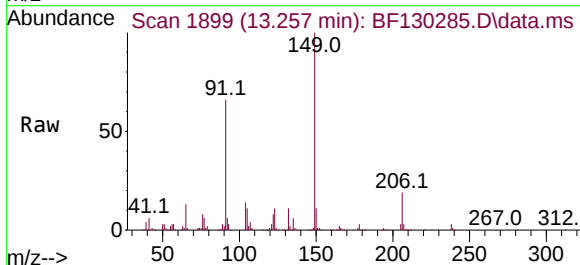
Manual Integrations
APPROVED

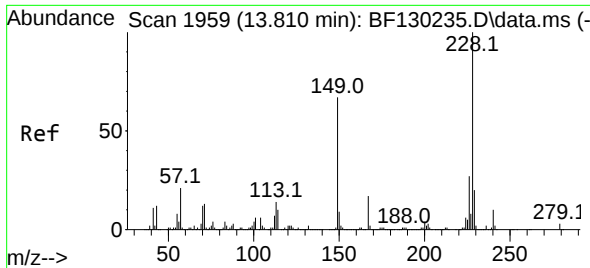
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#80
Butylbenzylphthalate
Concen: 46.991 ng
RT: 13.257 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:149 Resp: 313307
Ion Ratio Lower Upper
149 100
91 66.5 59.8 89.8
206 19.4 13.9 20.9





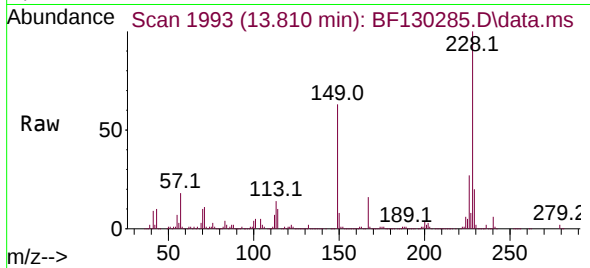
#81
Benzo(a)anthracene
Concen: 43.374 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

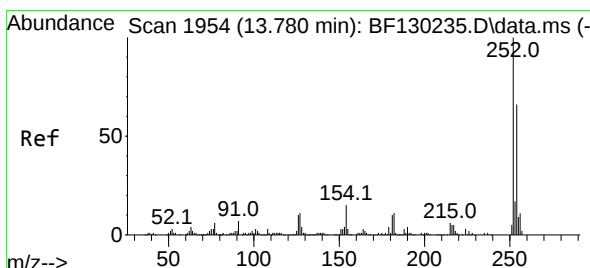
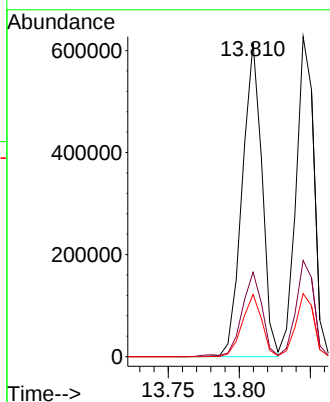
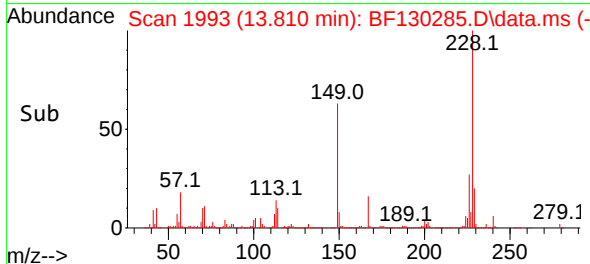
PB147653BS



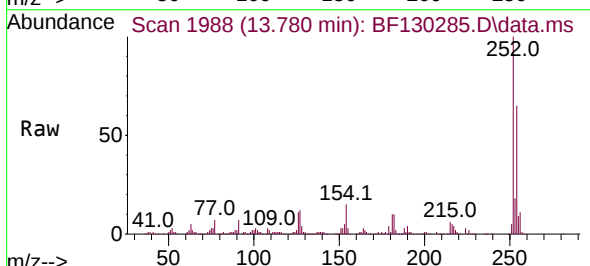
Tgt Ion:228 Resp: 593633
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.8 16.1 24.1

Manual Integrations
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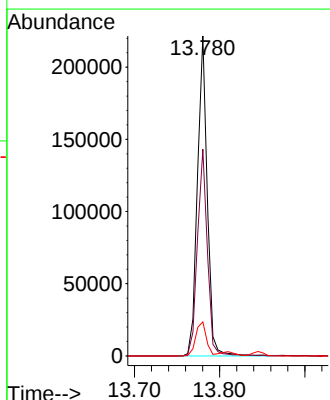
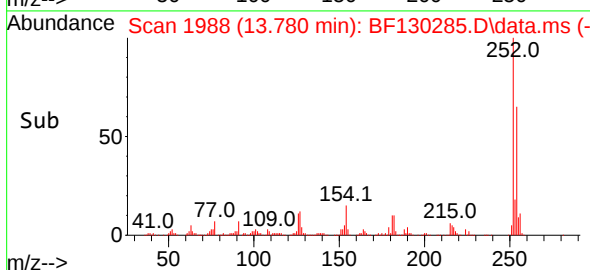
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

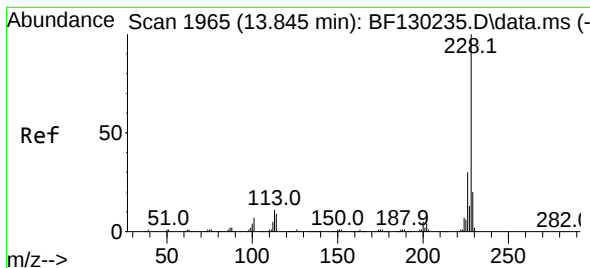


#82
3,3'-Dichlorobenzidine
Concen: 47.800 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



Tgt Ion:252 Resp: 178083
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 10.6 10.4 15.6





#83

Chrysene

Concen: 42.703 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

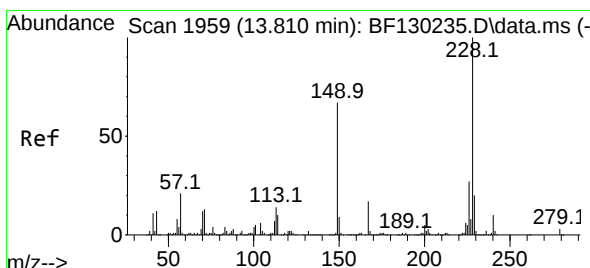
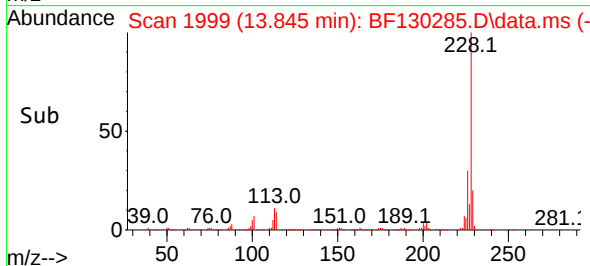
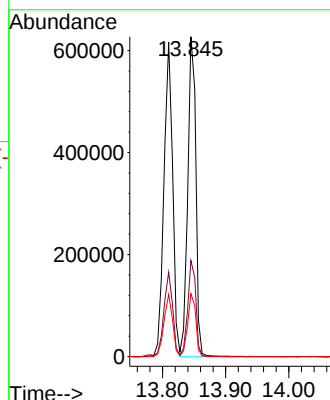
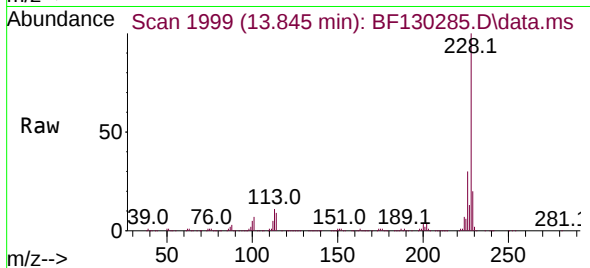
PB147653BS

Tgt Ion:	228	Resp:	554936
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.8
229	19.7	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.933 ng

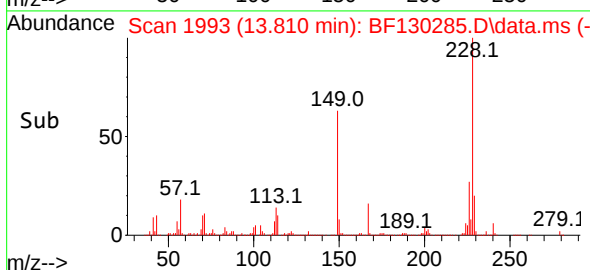
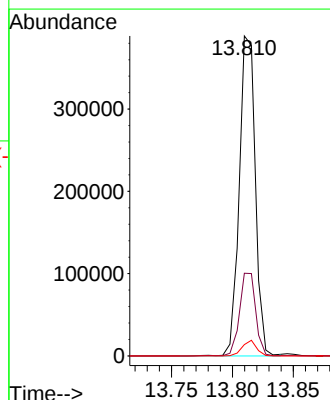
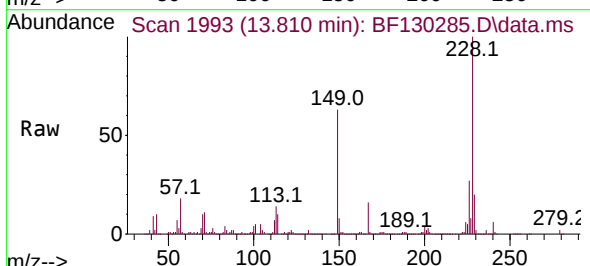
RT: 13.810 min Scan# 1993

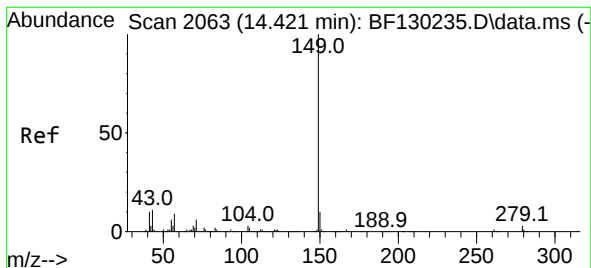
Delta R.T. 0.000 min

Lab File: BF130285.D

Acq: 16 Sep 2022 11:14

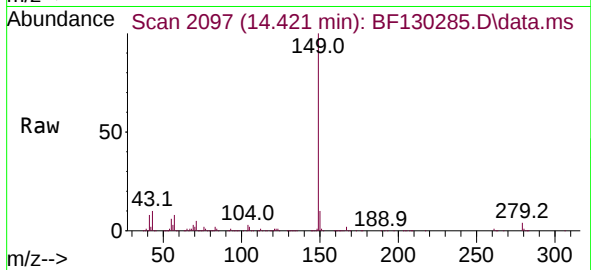
Tgt Ion:	149	Resp:	358425
Ion Ratio	Lower	Upper	
149	100		
167	25.8	20.5	30.7
279	3.5	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 44.678 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

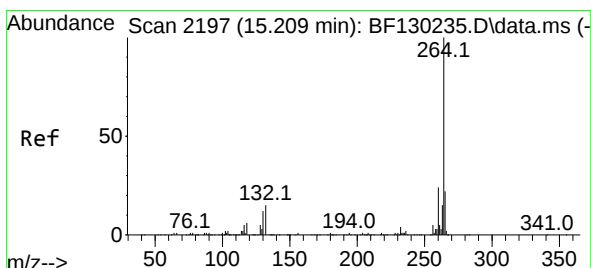
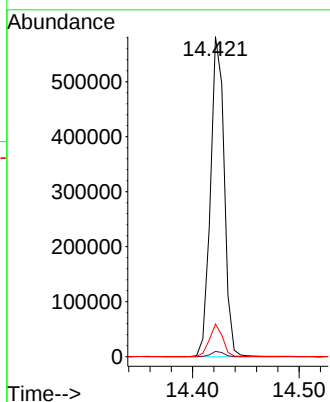
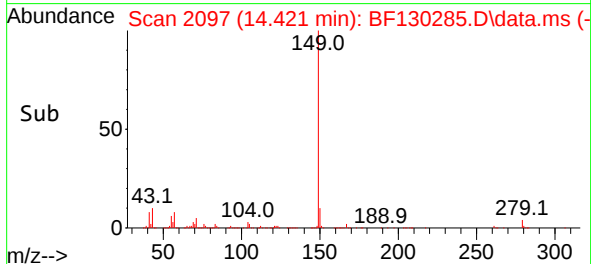
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion:149 Resp: 521879
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 8.7 13.1

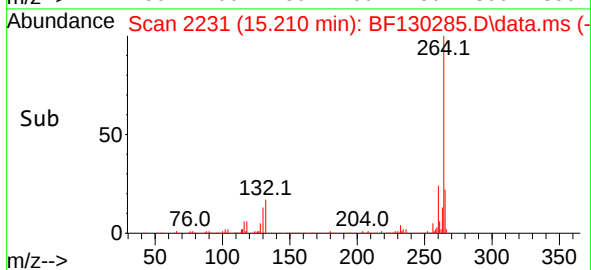
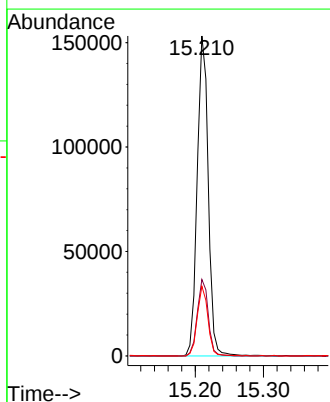
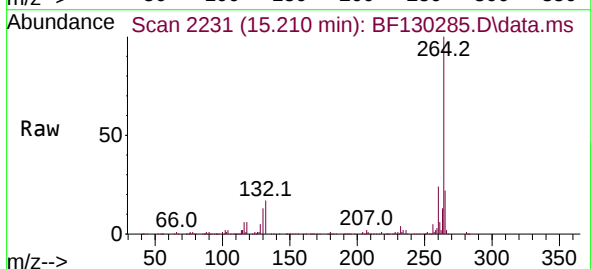
Manual Integrations
APPROVED

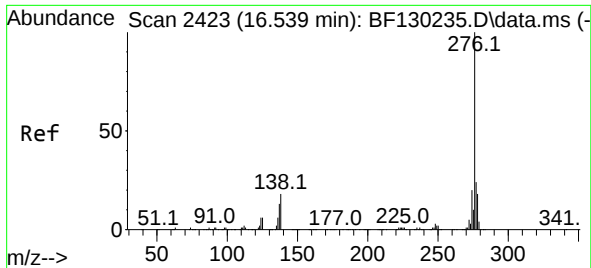
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion:264 Resp: 172959
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.8 17.0 25.4





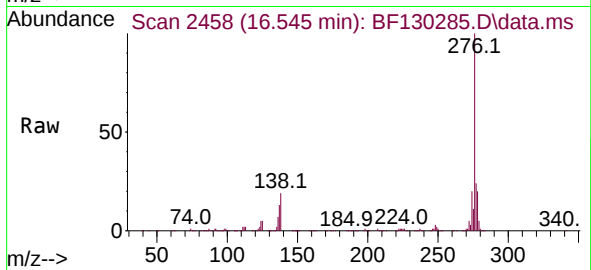
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.797 ng
RT: 16.545 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB147653BS

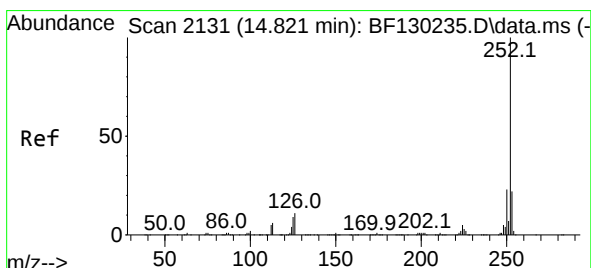
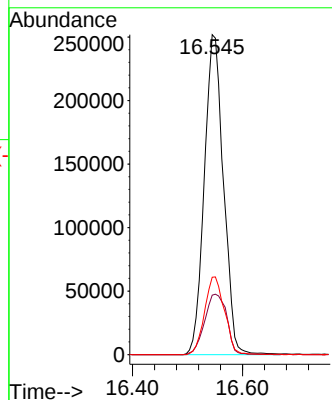
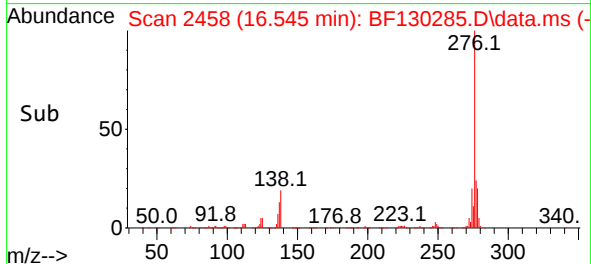


Tgt Ion:276 Resp: 610776
Ion Ratio Lower Upper
276 100
138 21.7 18.5 27.7
277 25.2 20.2 30.4

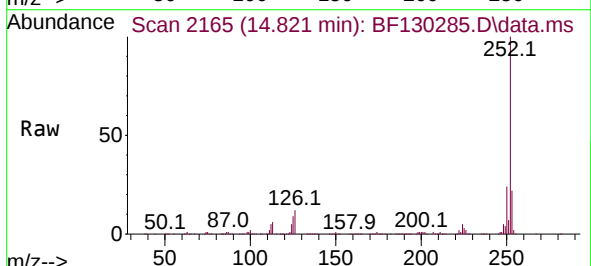
Manual Integrations

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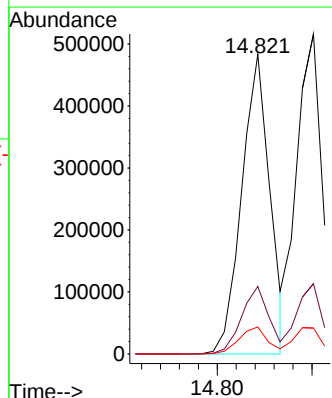
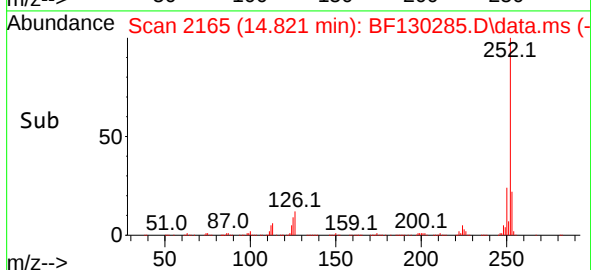
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

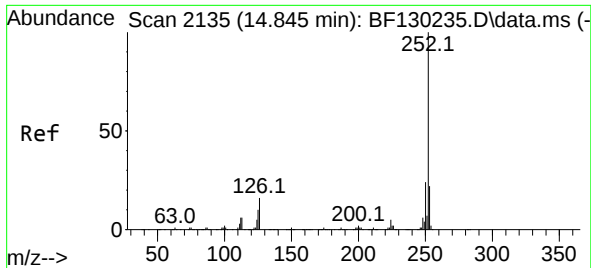


#88
Benzo(b)fluoranthene
Concen: 44.171 ng
RT: 14.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14



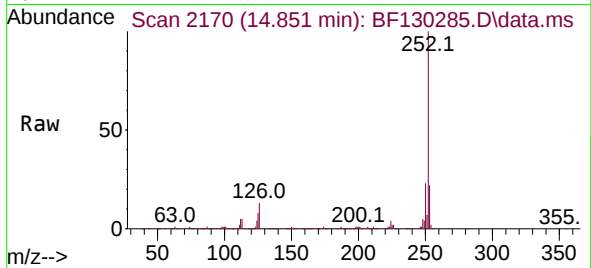
Tgt Ion:252 Resp: 498646
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.043 ng
RT: 14.851 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

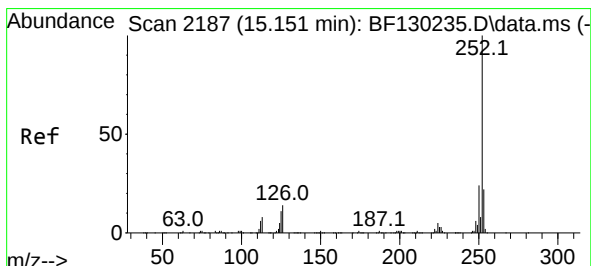
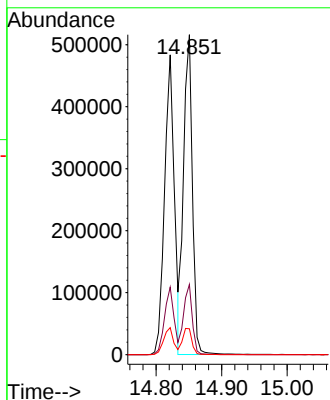
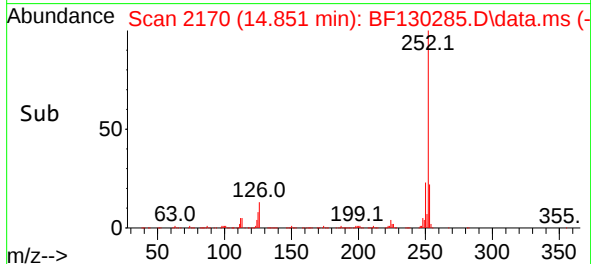
Instrument :
BNA_F
ClientSampleId :
PB147653BS



Tgt Ion:252 Resp: 489092
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.1 7.9 11.9

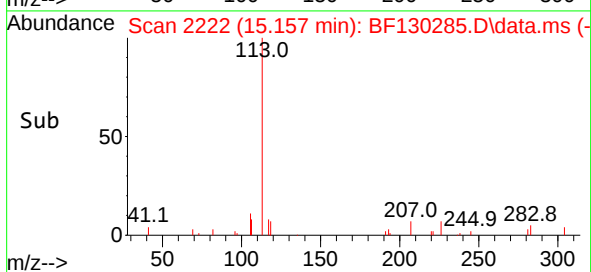
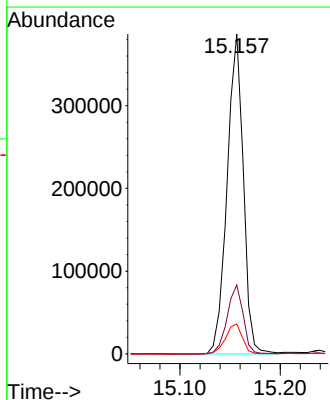
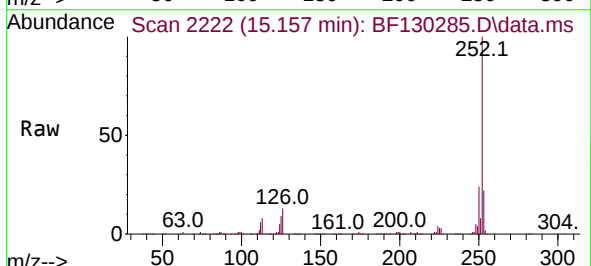
Manual Integrations
APPROVED

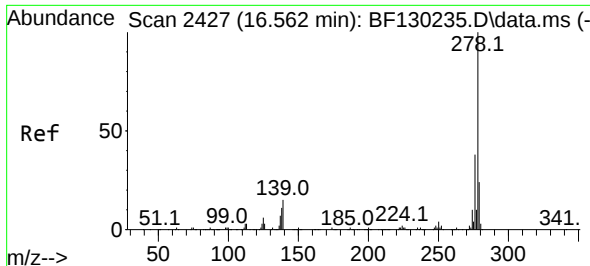
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#90
Benzo(a)pyrene
Concen: 48.640 ng
RT: 15.157 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

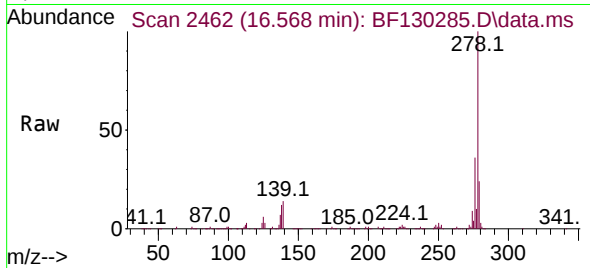
Tgt Ion:252 Resp: 435017
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 52.323 ng
RT: 16.568 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

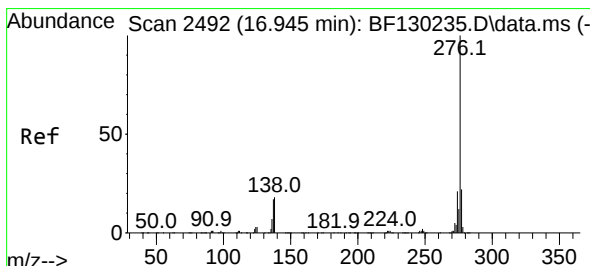
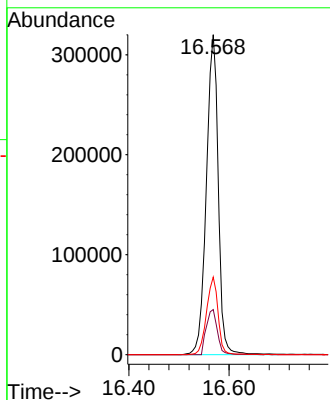
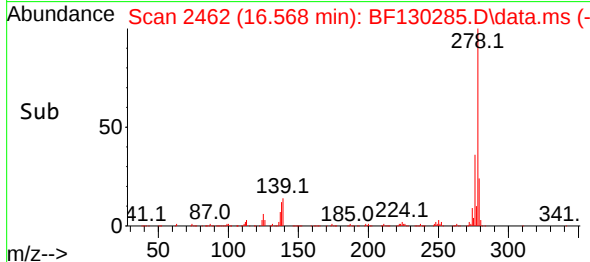
Instrument :
BNA_F
Client Sample Id :
PB147653BS



Tgt Ion: 278 Resp: 526469
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.8
279 24.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/19/2022
Supervised By : Jagrut Upadhyay 09/19/2022



#92
Benzo(g,h,i)perylene
Concen: 51.279 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF130285.D
Acq: 16 Sep 2022 11:14

Tgt Ion: 276 Resp: 519756
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 19.9 14.6 21.8

