

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130851.D
 Acq On : 29 Oct 2022 12:08
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 23:22:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	93990	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	345842	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	183328	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	341096	20.000	ng	0.00
76) Chrysene-d12	14.127	240	219106	20.000	ng	0.00
86) Perylene-d12	15.639	264	152858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	429506	79.221	ng	0.00
7) Phenol-d6	6.563	99	547328	77.686	ng	0.00
23) Nitrobenzene-d5	7.510	82	514754	89.749	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	136539	88.475	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	966891	79.738	ng	0.00
79) Terphenyl-d14	13.069	244	1007129	84.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	98307	40.443	ng	92
3) Pyridine	3.528	79	276647	40.633	ng	96
4) n-Nitrosodimethylamine	3.499	42	165992	43.429	ng	96
6) Aniline	6.610	93	340147m	39.044	ng	
8) 2-Chlorophenol	6.728	128	242343	40.126	ng	98
9) Benzaldehyde	6.498	77	166048	36.824	ng	94
10) Phenol	6.575	94	298676	39.395	ng	99
11) bis(2-Chloroethyl)ether	6.681	93	236463	40.009	ng	100
12) 1,3-Dichlorobenzene	6.887	146	274553	40.117	ng	99
13) 1,4-Dichlorobenzene	6.963	146	281296	40.493	ng	99
14) 1,2-Dichlorobenzene	7.116	146	256656	39.893	ng	99
15) Benzyl Alcohol	7.081	79	236671	39.506	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	419375	39.808	ng	99
17) 2-Methylphenol	7.187	107	203617	39.445	ng	99
18) Hexachloroethane	7.457	117	101705	40.509	ng	100
19) n-Nitroso-di-n-propyla...	7.357	70	186111	38.825	ng	96
20) 3+4-Methylphenols	7.339	107	260972	38.883	ng	99
22) Acetophenone	7.357	105	340520	40.610	ng	99
24) Nitrobenzene	7.528	77	273285	43.575	ng	98
25) Isophorone	7.769	82	470603	39.790	ng	99
26) 2-Nitrophenol	7.845	139	90236	37.471	ng	95
27) 2,4-Dimethylphenol	7.869	122	195288	39.674	ng	96
28) bis(2-Chloroethoxy)met...	7.975	93	260307	39.408	ng	100
29) 2,4-Dichlorophenol	8.081	162	204962	40.478	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	220133	40.429	ng	97
31) Naphthalene	8.251	128	718270	39.807	ng	99
32) Benzoic acid	7.981	122	114521	35.179	ng	95
33) 4-Chloroaniline	8.298	127	284002	39.832	ng	98
34) Hexachlorobutadiene	8.363	225	149811	41.447	ng	99
35) Caprolactam	8.675	113	62515	38.526	ng	94
36) 4-Chloro-3-methylphenol	8.769	107	222942	40.590	ng	99
37) 2-Methylnaphthalene	8.945	142	452008	39.825	ng	100
38) 1-Methylnaphthalene	9.045	142	430952	39.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.110	216	219349	42.192	ng	99
41) Hexachlorocyclopentadiene	9.092	237	110238	40.356	ng	100
43) 2,4,6-Trichlorophenol	9.216	196	151441	41.921	ng	99

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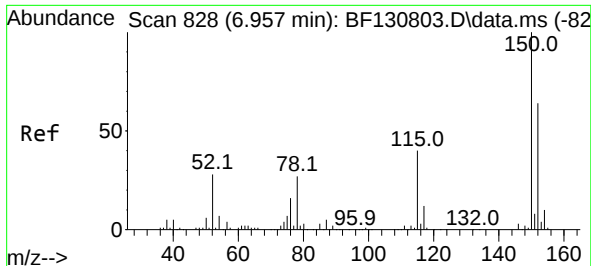
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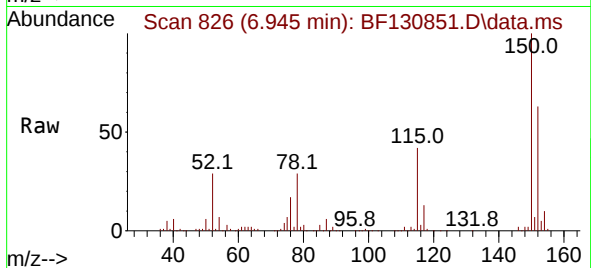
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	160464	41.576	ng	95
46) 1,1'-Biphenyl	9.410	154	530856	40.644	ng	100
47) 2-Chloronaphthalene	9.433	162	432735	41.318	ng	98
48) 2-Nitroaniline	9.528	65	140934	42.380	ng	98
49) Acenaphthylene	9.851	152	672117	40.610	ng	99
50) Dimethylphthalate	9.710	163	509111	40.431	ng	99
51) 2,6-Dinitrotoluene	9.769	165	96816	40.885	ng	93
52) Acenaphthene	10.028	154	416029	40.651	ng	99
53) 3-Nitroaniline	9.945	138	112760	45.975	ng	87
54) 2,4-Dinitrophenol	10.039	184	35084	40.765	ng	92
55) Dibenzofuran	10.198	168	594647	40.087	ng	99
56) 4-Nitrophenol	10.086	139	85032	43.786	ng	97
57) 2,4-Dinitrotoluene	10.175	165	119908	40.498	ng	95
58) Fluorene	10.539	166	476096	40.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	131969	41.473	ng	99
60) Diethylphthalate	10.410	149	508412	41.054	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	224561	40.187	ng	98
62) 4-Nitroaniline	10.557	138	115057	46.328	ng	96
63) Azobenzene	10.692	77	529415	40.953	ng	98
65) 4,6-Dinitro-2-methylph...	10.580	198	51377	38.016	ng	98
66) n-Nitrosodiphenylamine	10.651	169	431299	40.538	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	141162	41.152	ng	99
68) Hexachlorobenzene	11.086	284	155510	41.147	ng	99
69) Atrazine	11.175	200	128233	41.735	ng	99
70) Pentachlorophenol	11.275	266	88792	41.171	ng	97
71) Phenanthrene	11.510	178	714506	40.585	ng	99
72) Anthracene	11.557	178	702557	40.460	ng	99
73) Carbazole	11.710	167	620336	39.892	ng	100
74) Di-n-butylphthalate	12.039	149	762491	40.374	ng	100
75) Fluoranthene	12.698	202	762199	40.748	ng	99
77) Benzidine	12.816	184	194794	36.624	ng	99
78) Pyrene	12.927	202	770023	41.656	ng	99
80) Butylbenzylphthalate	13.545	149	290232	43.640	ng	94
81) Benzo(a)anthracene	14.115	228	592348	40.776	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	155734	39.721	ng	94
83) Chrysene	14.157	228	560342	39.990	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	341653	42.726	ng	100
85) Di-n-octyl phthalate	14.721	149	438488	39.732	ng	100
87) Indeno(1,2,3-cd)pyrene	17.186	276	473529	46.649	ng	98
88) Benzo(b)fluoranthene	15.192	252	394008	39.874	ng	99
89) Benzo(k)fluoranthene	15.221	252	405651	42.130	ng	99
90) Benzo(a)pyrene	15.574	252	326616	41.119	ng	98
91) Dibenzo(a,h)anthracene	17.209	278	390598	47.202	ng	98
92) Benzo(g,h,i)perylene	17.656	276	399668	47.341	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

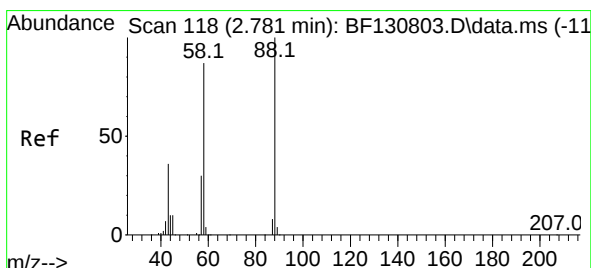
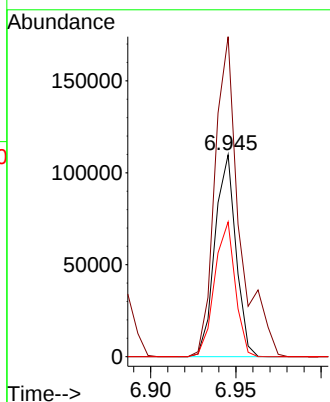
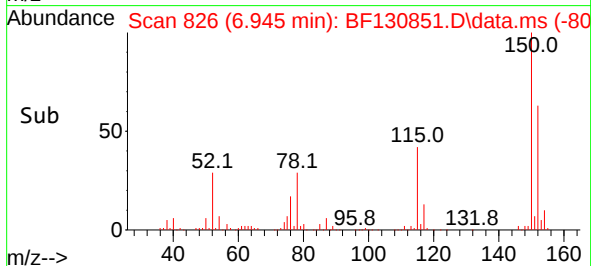
Instrument :
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ClientSampleId :
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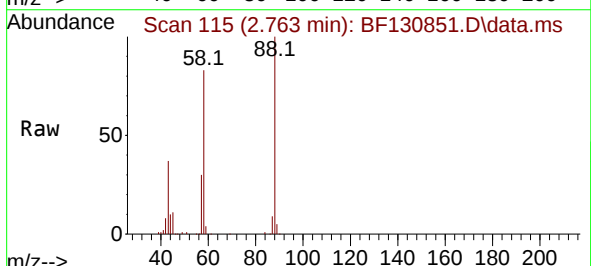
Tgt Ion:152 Resp: 93990
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 66.7 50.1 75.1

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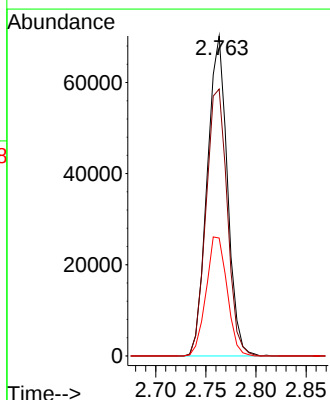
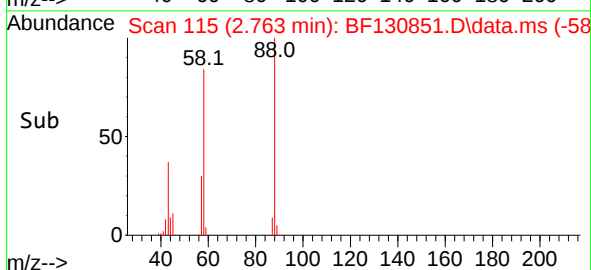
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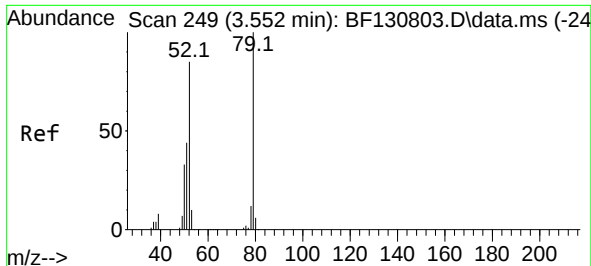


#2
1,4-Dioxane
Concen: 40.443 ng
RT: 2.763 min Scan# 115
Delta R.T. -0.012 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



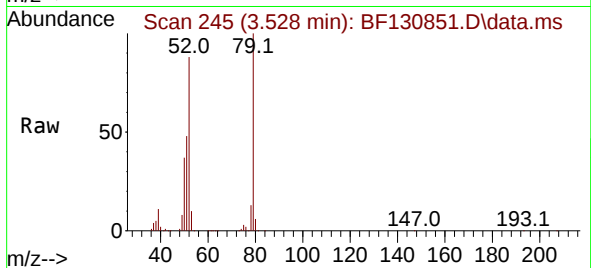
Tgt Ion: 88 Resp: 98307
Ion Ratio Lower Upper
88 100
58 87.6 64.7 97.1
43 38.8 26.5 39.7





#3
Pyridine
Concen: 40.633 ng
RT: 3.528 min Scan# 24
Delta R.T. -0.018 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

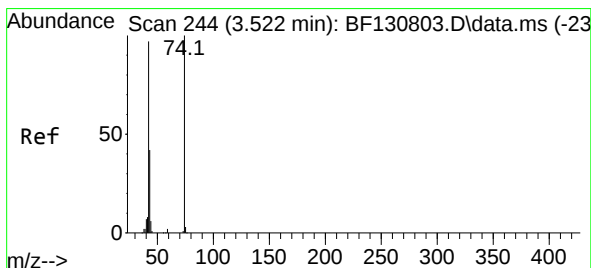
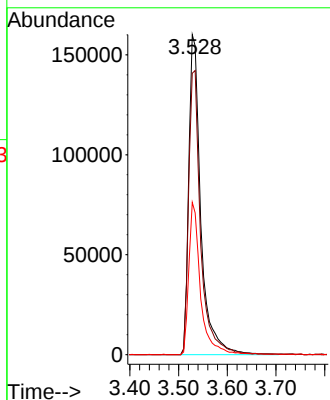
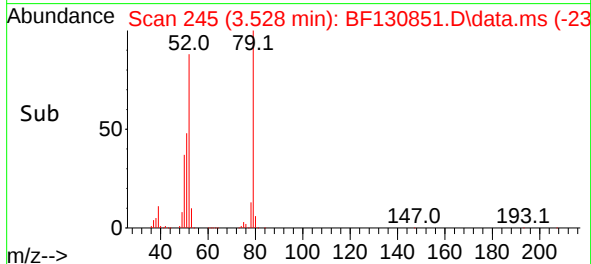
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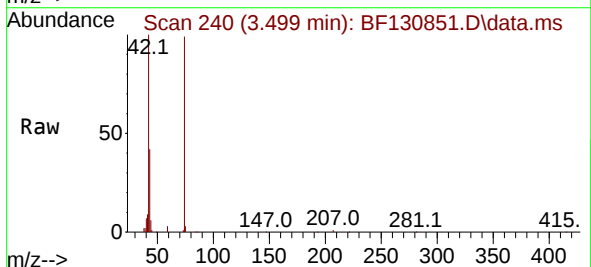
Tgt Ion: 79 Resp: 27664
Ion Ratio Lower Upper
79 100
52 88.0 68.2 102.4
51 47.6 35.2 52.8

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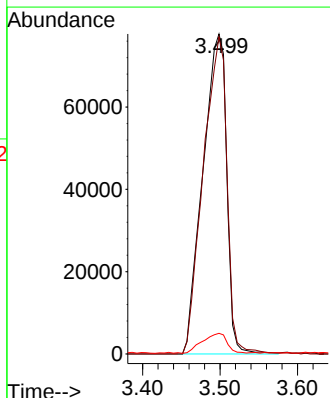
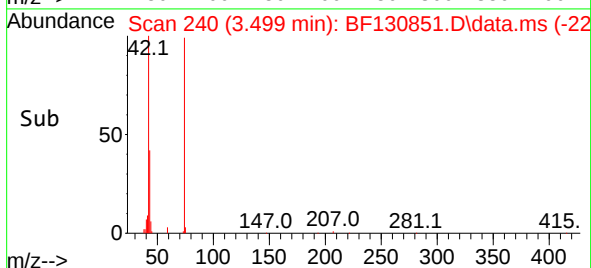
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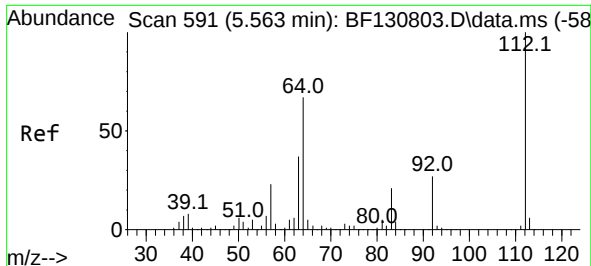


#4
n-Nitrosodimethylamine
Concen: 43.429 ng
RT: 3.499 min Scan# 240
Delta R.T. -0.018 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion: 42 Resp: 165992
Ion Ratio Lower Upper
42 100
74 99.1 82.8 124.2
44 6.5 6.0 9.0





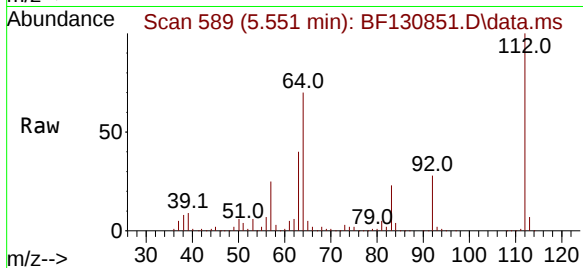
#5
2-Fluorophenol
Concen: 79.221 ng
RT: 5.551 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

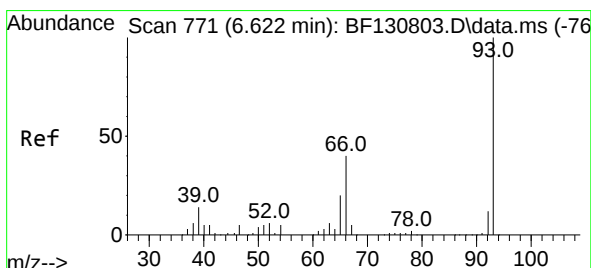
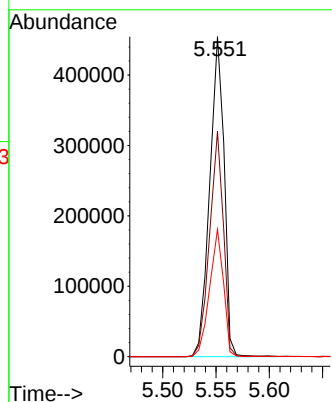
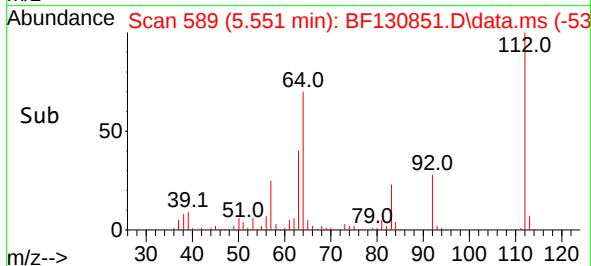


Tgt Ion:112 Resp: 429500
Ion Ratio Lower Upper
112 100
64 70.4 53.9 80.9
63 39.7 29.4 44.2

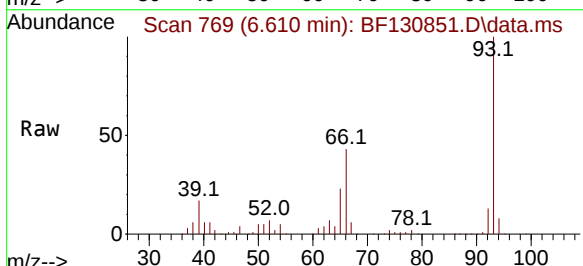
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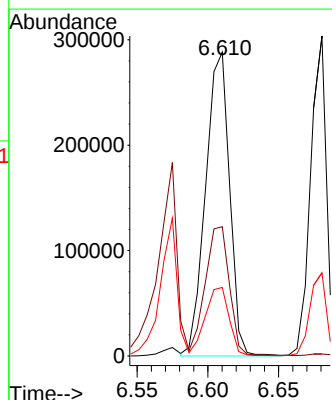
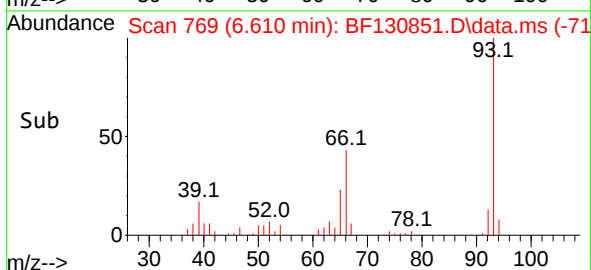
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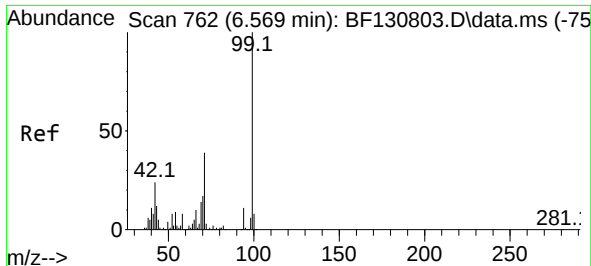


#6
Aniline
Concen: 39.044 ng m
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



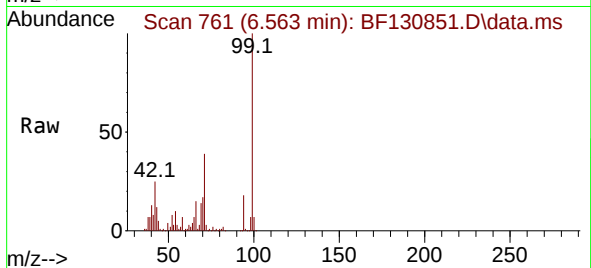
Tgt Ion: 93 Resp: 340147
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 77.686 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

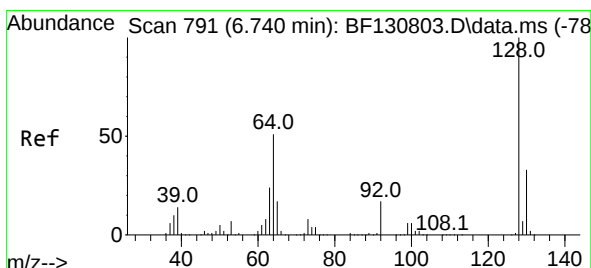
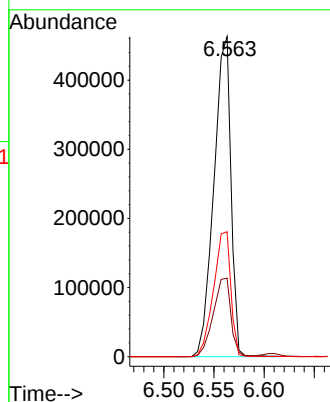
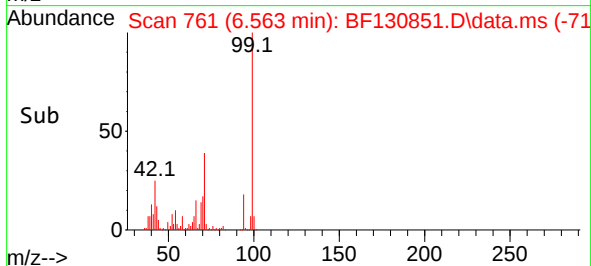
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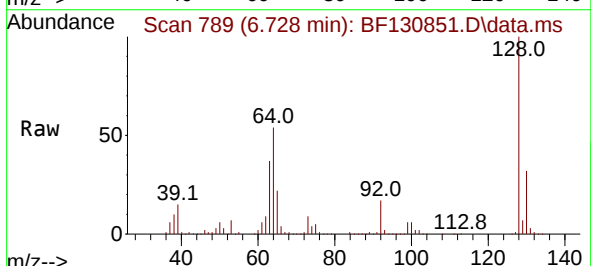
Tgt Ion: 99 Resp: 547328
Ion Ratio Lower Upper
99 100
42 24.5 18.8 28.2
71 39.0 31.4 47.0

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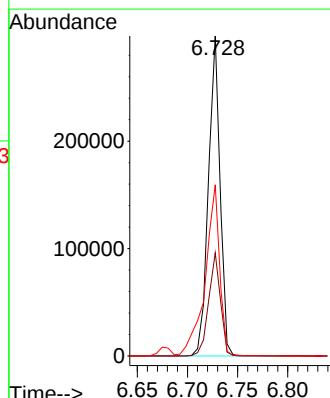
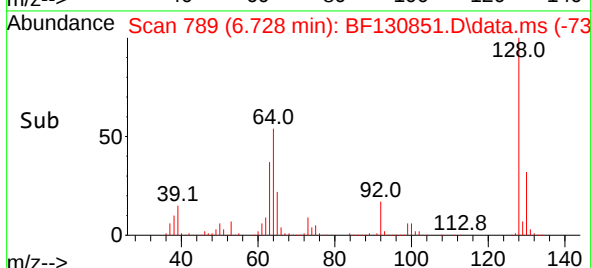
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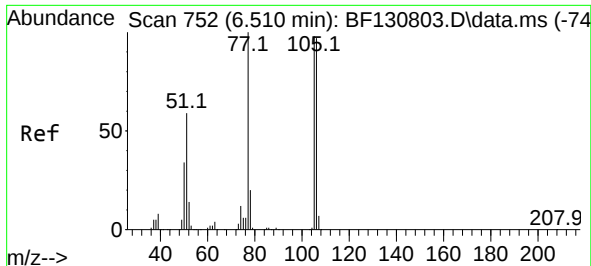


#8
2-Chlorophenol
Concen: 40.126 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF130851.D
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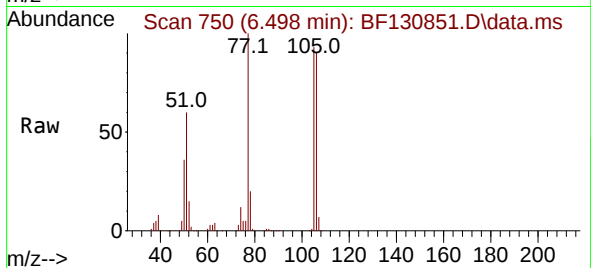
Tgt Ion:128 Resp: 242343
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 53.5 31.3 71.3





#9
Benzaldehyde
Concen: 36.824 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF130851.D
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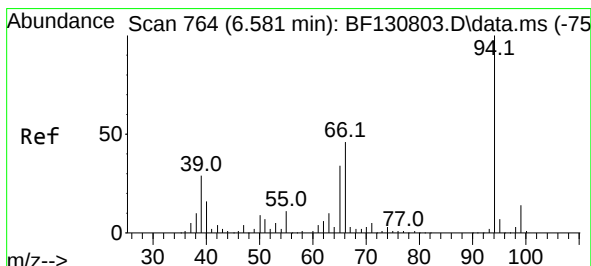
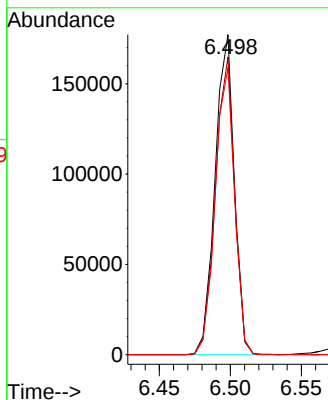
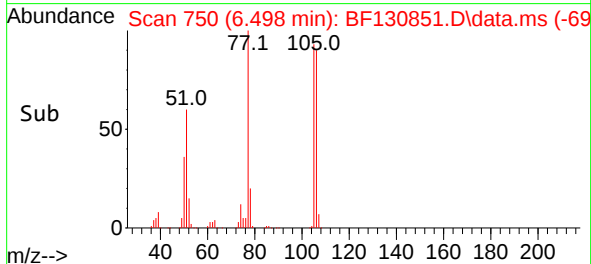
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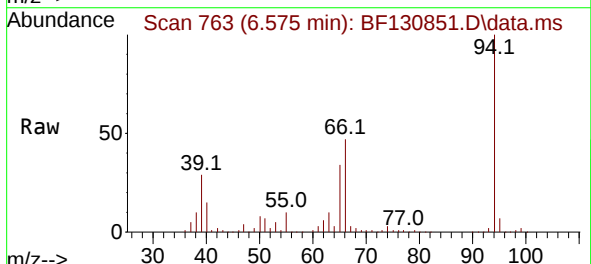
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Ion Ratio Lower Upper
77 100
105 93.1 78.2 118.2
106 89.6 76.6 116.6

Manual Integrations
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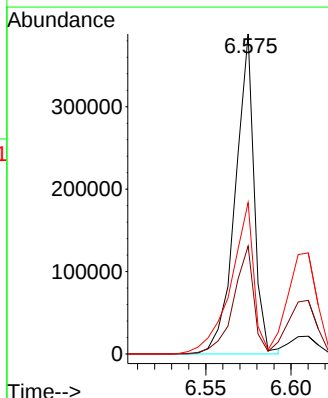
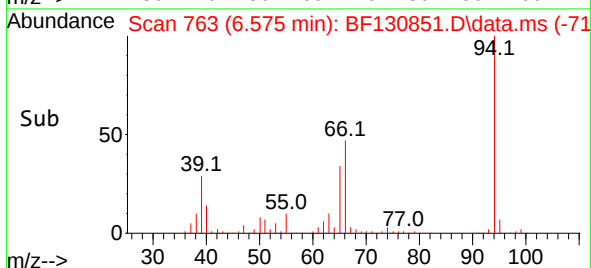
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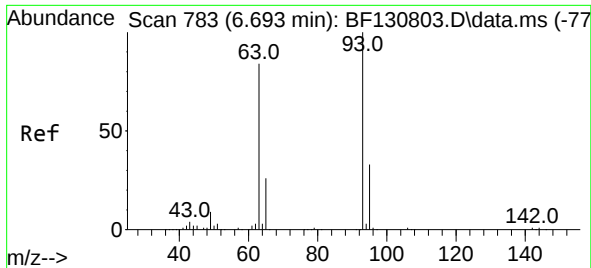


#10
Phenol
Concen: 39.395 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion: 94 Resp: 298676
Ion Ratio Lower Upper
94 100
65 33.7 13.7 53.7
66 47.3 26.5 66.5





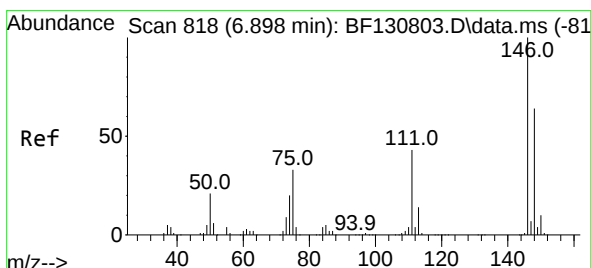
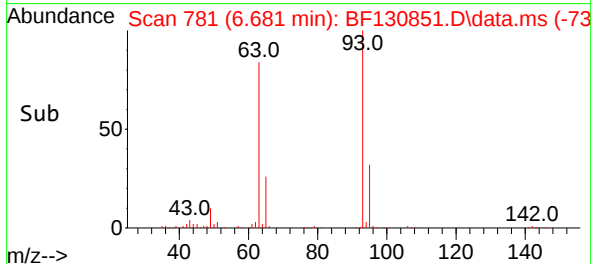
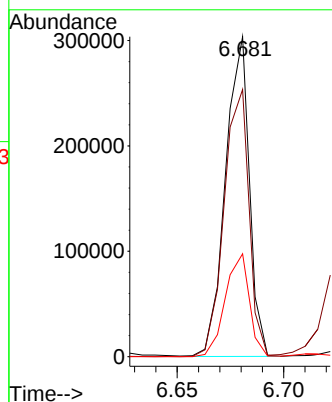
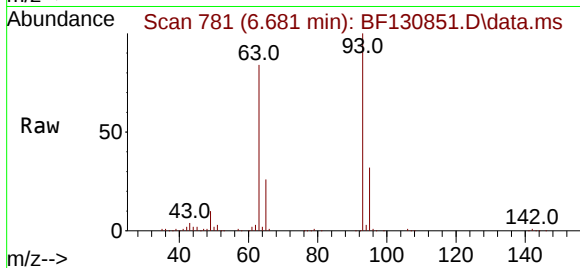
#11
bis(2-Chloroethyl)ether
Concen: 40.009 ng
RT: 6.681 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 23646
Ion Ratio Lower Upper
93 100
63 83.5 63.4 103.4
95 32.1 12.6 52.6

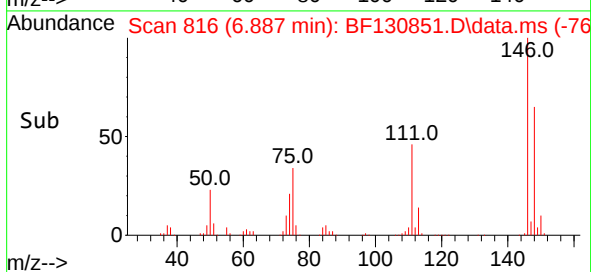
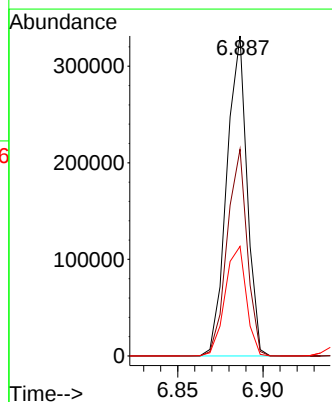
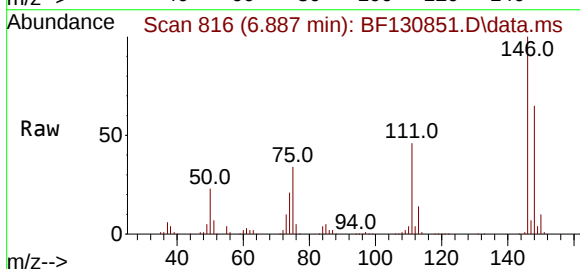
Manual Integrations
APPROVED

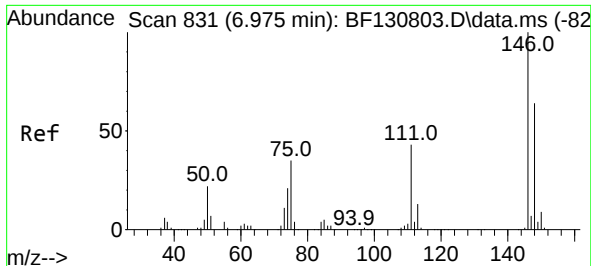
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 40.117 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

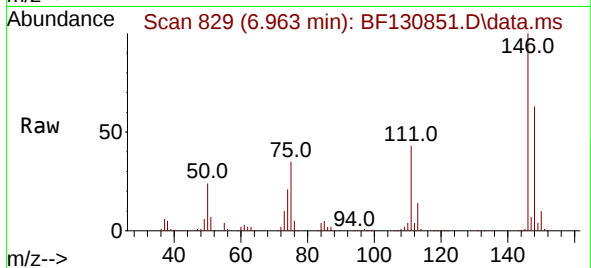
Tgt Ion:146 Resp: 274553
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 34.3 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 40.493 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

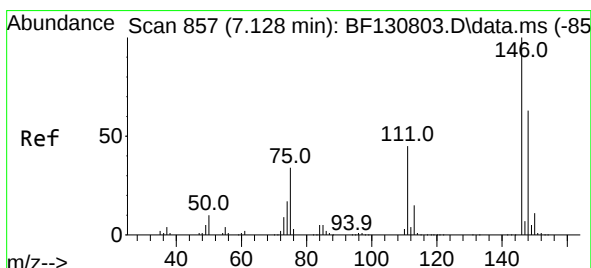
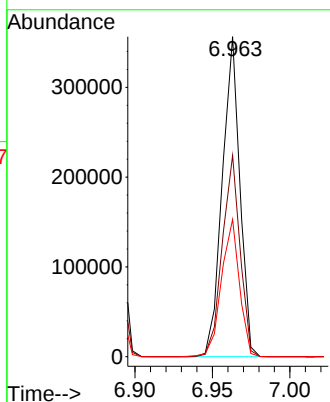
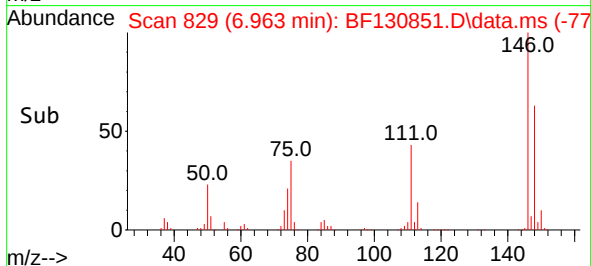
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



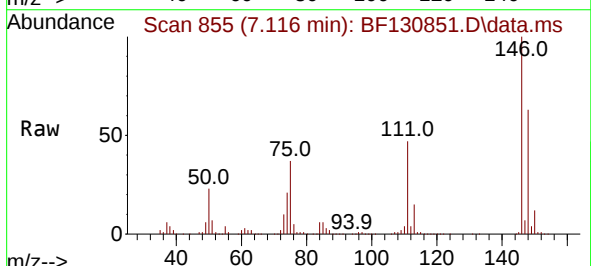
Tgt Ion:146 Resp: 281290
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
111 42.9 34.6 51.8

Manual Integrations
APPROVED

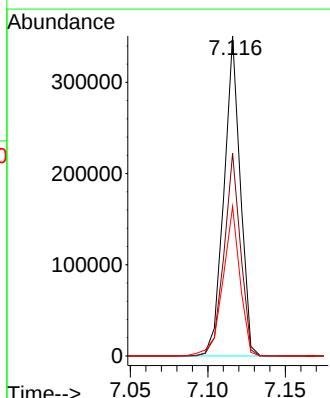
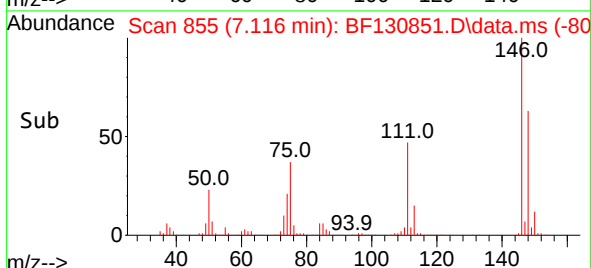
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

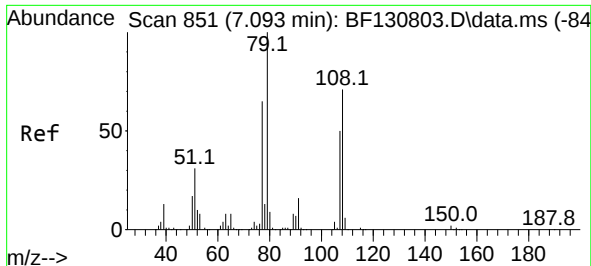


#14
1,2-Dichlorobenzene
Concen: 39.893 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



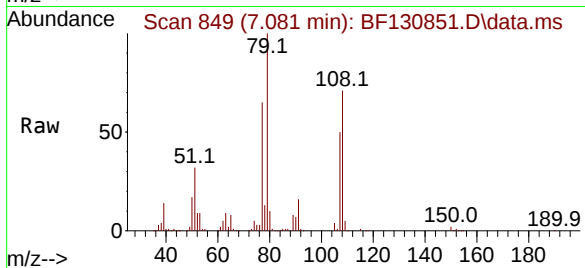
Tgt Ion:146 Resp: 256656
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
111 46.7 36.3 54.5





#15
Benzyl Alcohol
Concen: 39.506 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

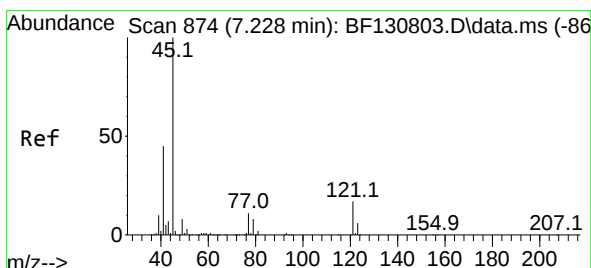
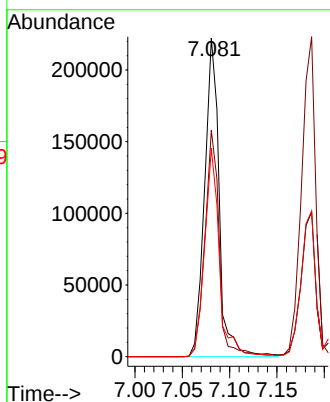
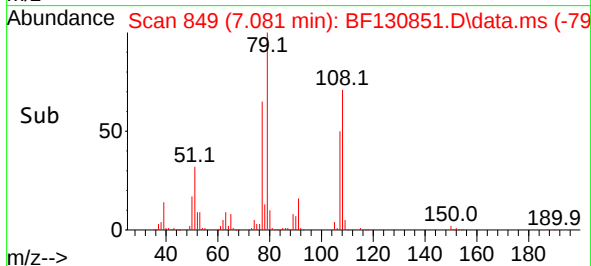
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



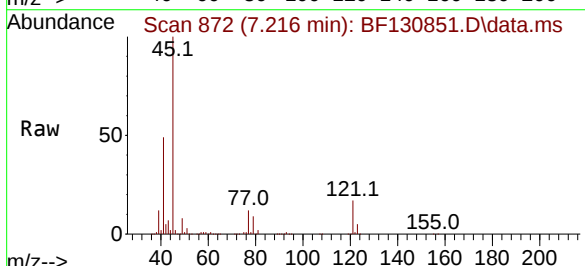
Tgt Ion: 79 Resp: 23667
Ion Ratio Lower Upper
79 100
108 71.0 56.4 84.6
77 65.4 51.8 77.8

Manual Integrations
APPROVED

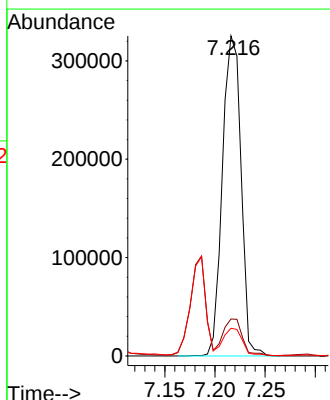
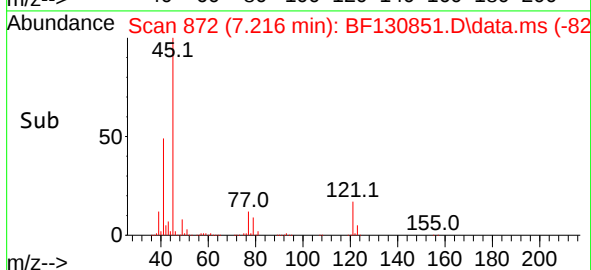
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

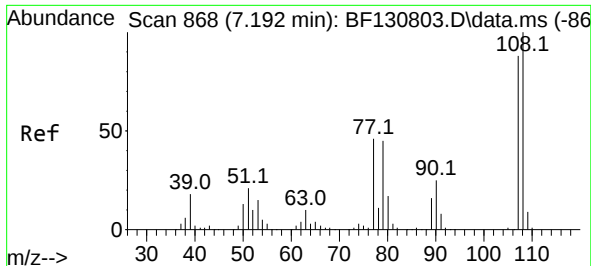


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.808 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion: 45 Resp: 419375
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.7 0.0 28.4





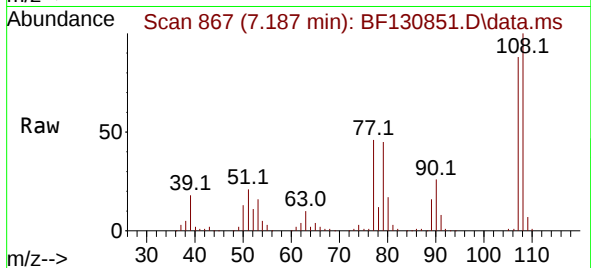
#17
2-Methylphenol
Concen: 39.445 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

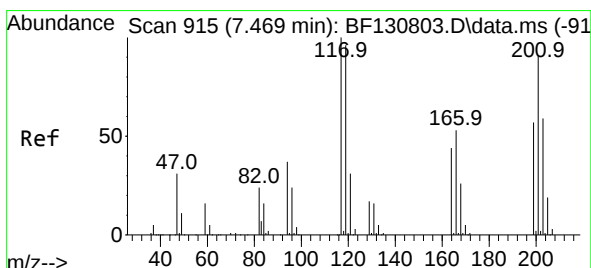
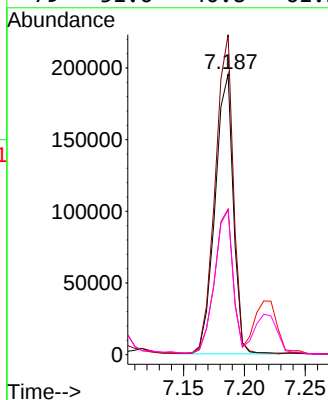
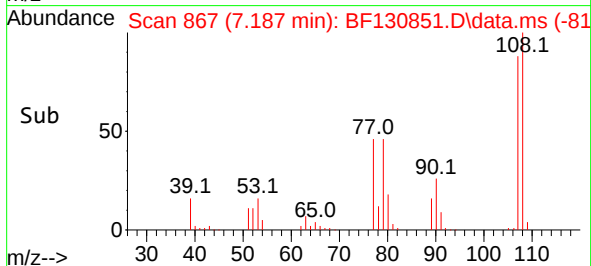


Tgt Ion:107 Resp: 20361
Ion Ratio Lower Upper
107 100
108 114.1 90.5 135.7
77 51.9 41.2 61.8
79 51.6 40.8 61.2

Manual Integrations

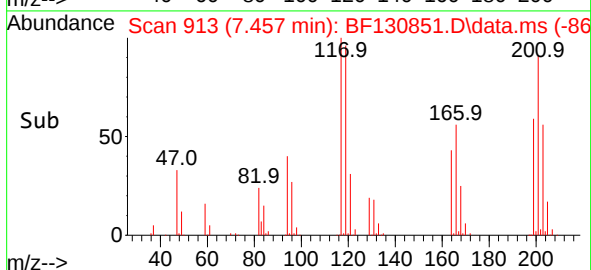
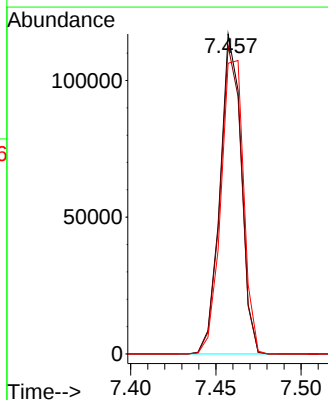
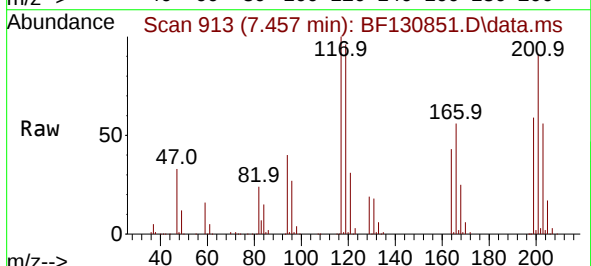
APPROVED

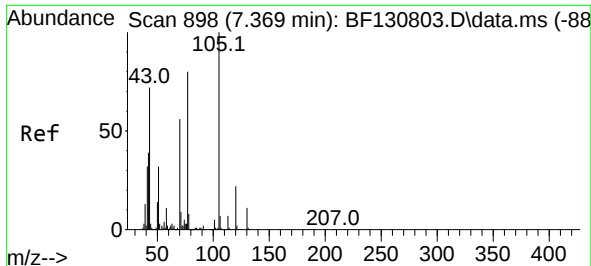
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 40.509 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

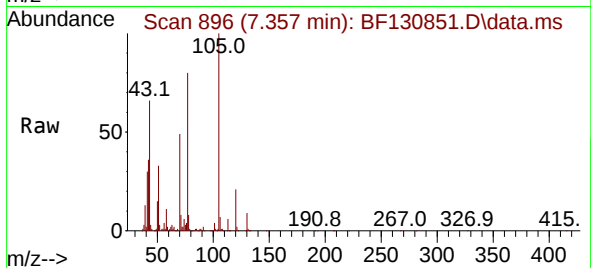
Tgt Ion:117 Resp: 101705
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 90.9 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.825 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

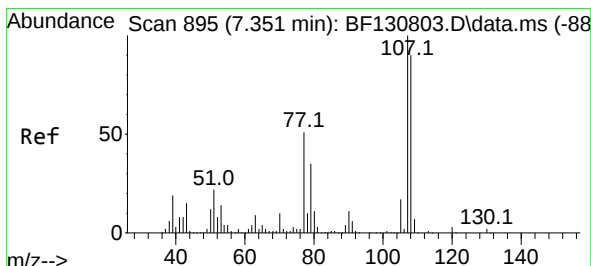
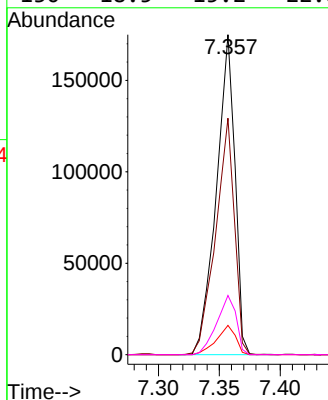
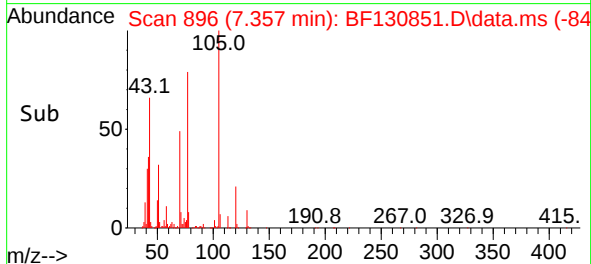
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 18611
Ion Ratio Lower Upper
70 100
42 73.9 56.1 84.1
101 9.2 7.3 10.9
130 18.5 15.2 22.8

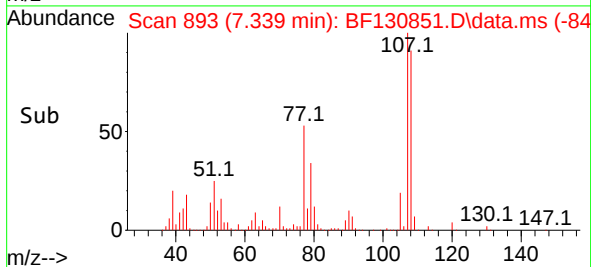
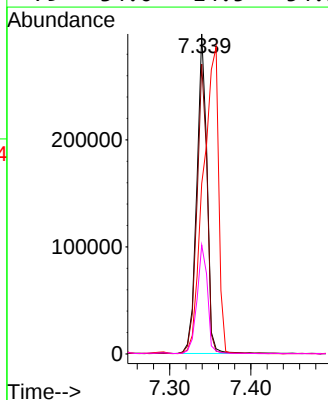
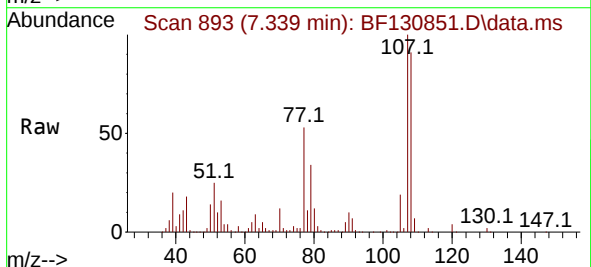
Manual Integrations
APPROVED

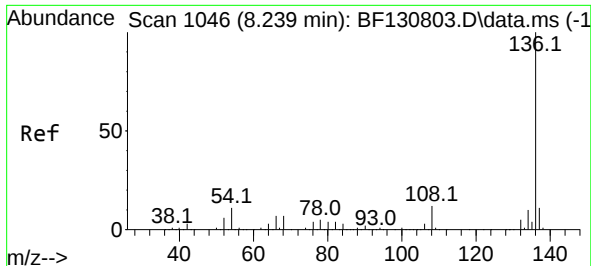
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 38.883 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:107 Resp: 260972
Ion Ratio Lower Upper
107 100
108 90.6 70.4 110.4
77 53.2 31.1 71.1
79 34.0 14.5 54.5





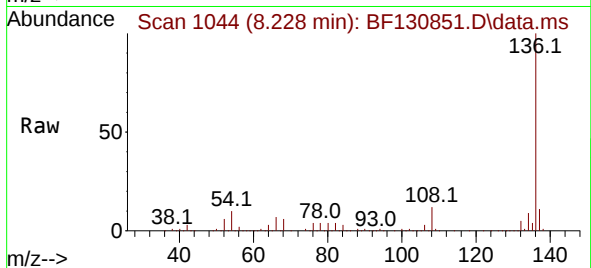
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

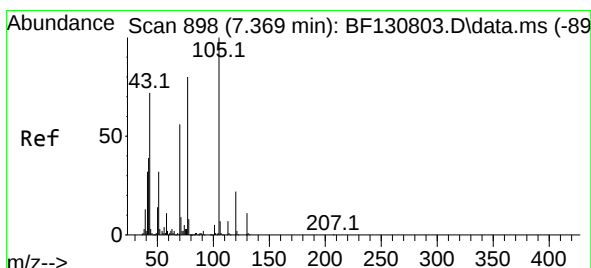
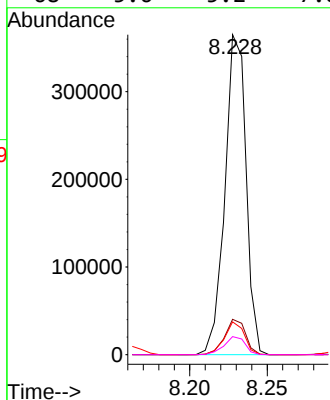
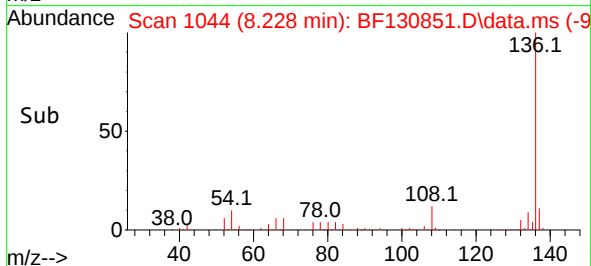


Tgt Ion:136 Resp: 34584
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.2 8.8 13.2
68 5.6 5.2 7.8

Manual Integrations

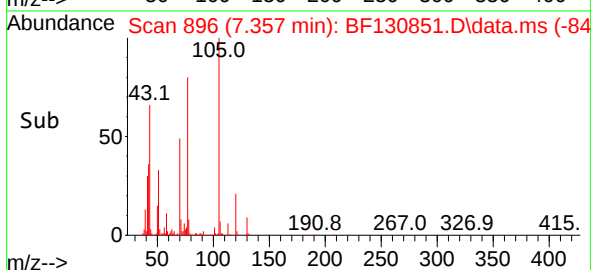
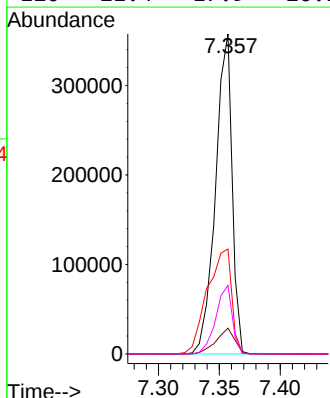
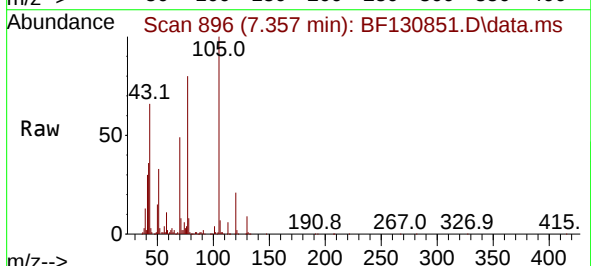
APPROVED

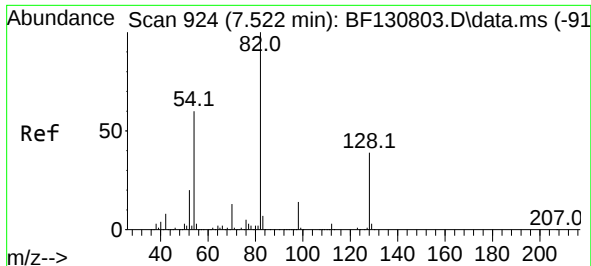
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 40.610 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:105 Resp: 340520
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 32.8 25.9 38.9
120 21.4 17.9 26.9





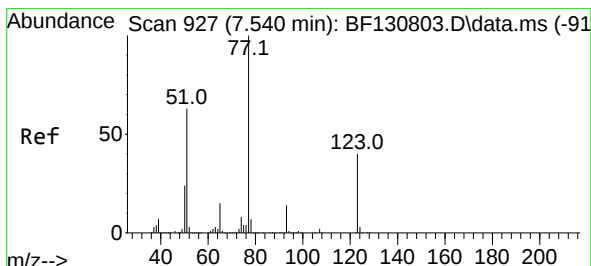
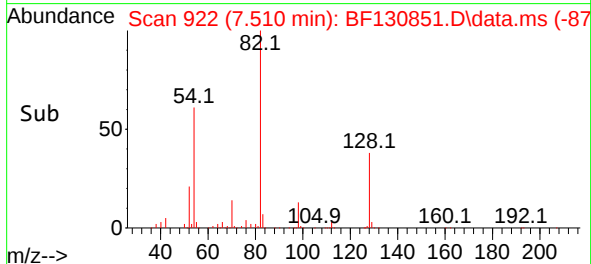
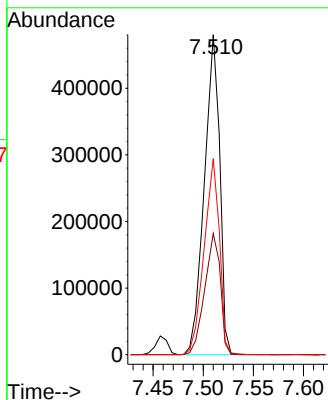
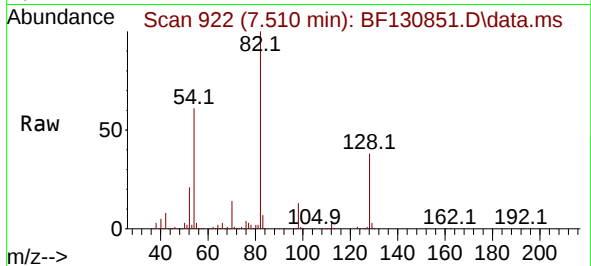
#23
Nitrobenzene-d5
Concen: 89.749 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 514754
Ion Ratio Lower Upper
82 100
128 37.8 31.2 46.8
54 61.3 48.0 72.0

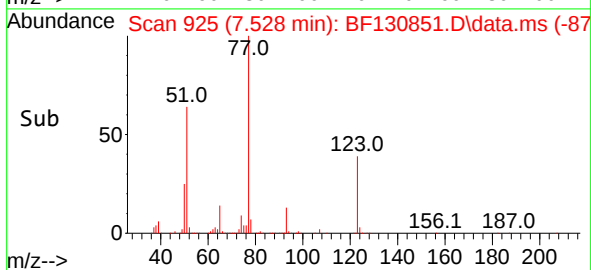
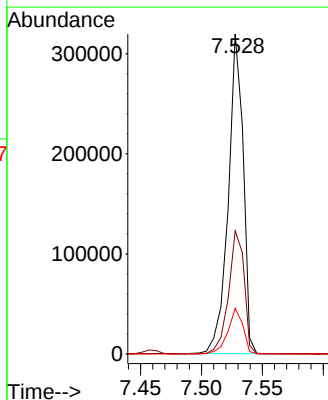
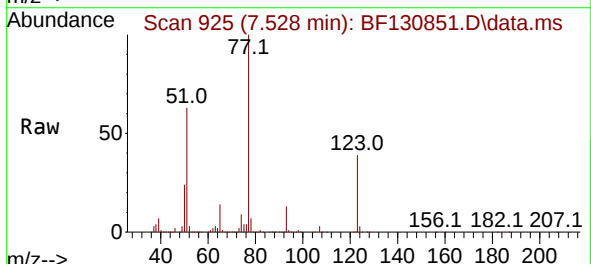
Manual Integrations
APPROVED

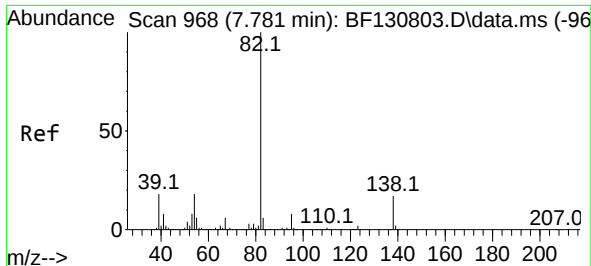
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#24
Nitrobenzene
Concen: 43.575 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

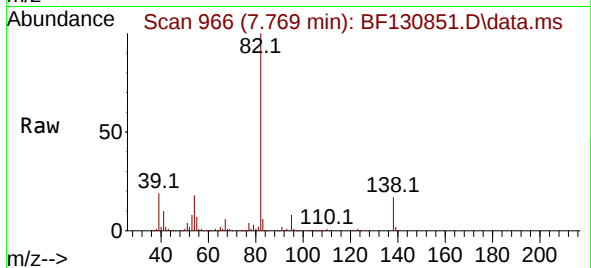
Tgt Ion: 77 Resp: 273285
Ion Ratio Lower Upper
77 100
123 38.5 32.2 48.2
65 14.3 12.0 18.0





#25
Isophorone
Concen: 39.790 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

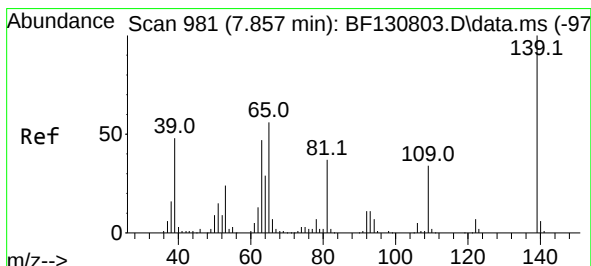
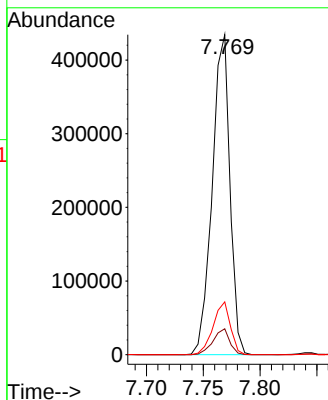
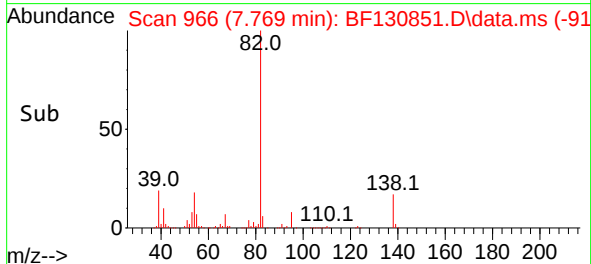
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



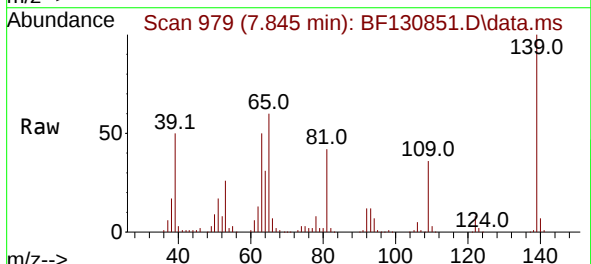
Tgt Ion: 82 Resp: 47060
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 16.5 13.8 20.6

Manual Integrations
APPROVED

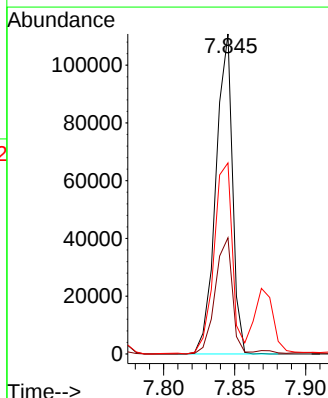
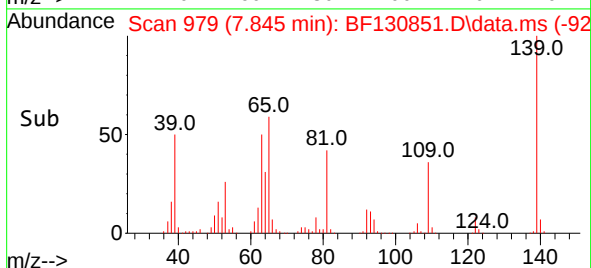
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

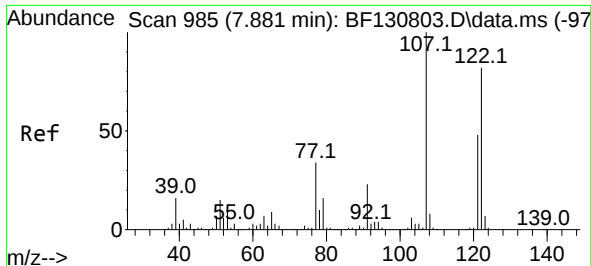


#26
2-Nitrophenol
Concen: 37.471 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:139 Resp: 90236
Ion Ratio Lower Upper
139 100
109 36.3 27.3 40.9
65 59.7 44.6 67.0





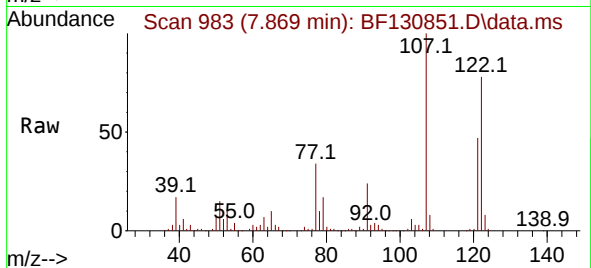
#27
2,4-Dimethylphenol
Concen: 39.674 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

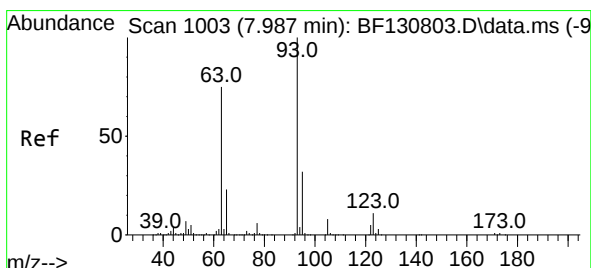
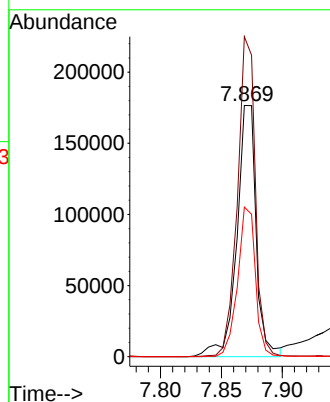
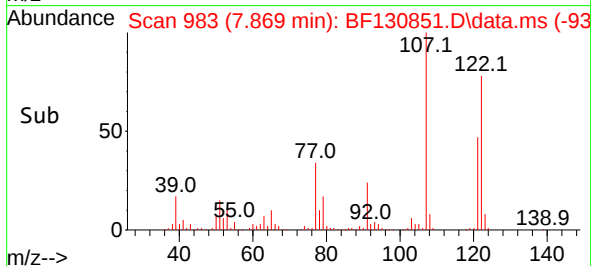
SSTDCCC040



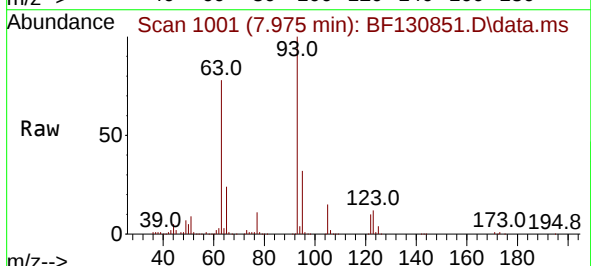
Tgt Ion:122 Resp: 19528
Ion Ratio Lower Upper
122 100
107 127.4 97.1 145.7
121 59.5 46.9 70.3

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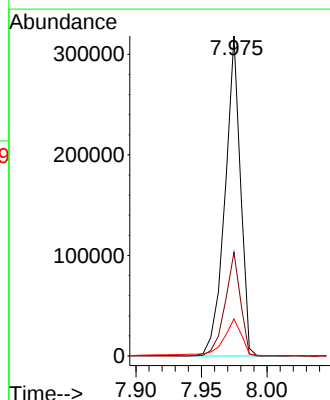
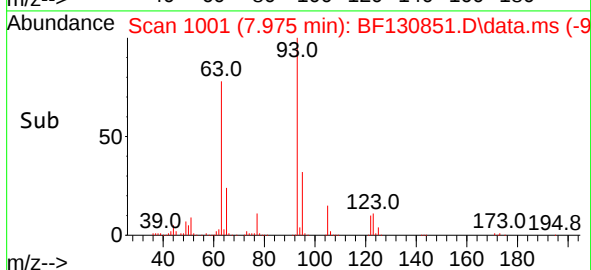
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

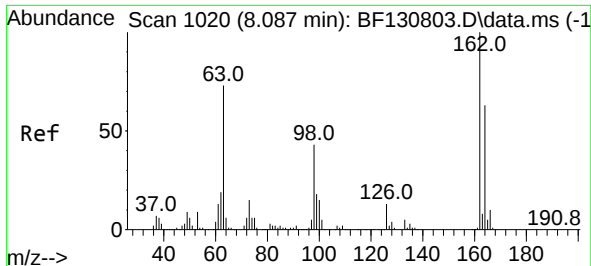


#28
bis(2-Chloroethoxy)methane
Concen: 39.408 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion: 93 Resp: 260307
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.478 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 204962

Ion Ratio Lower Upper

162 100

164 63.9 43.2 83.2

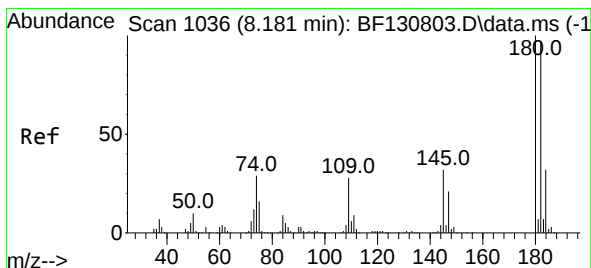
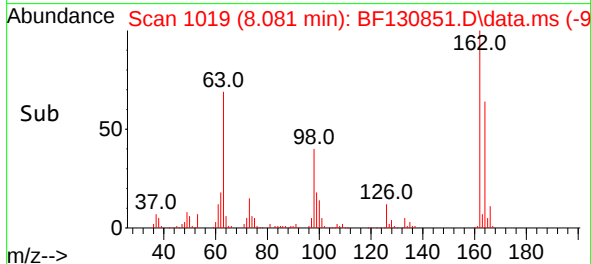
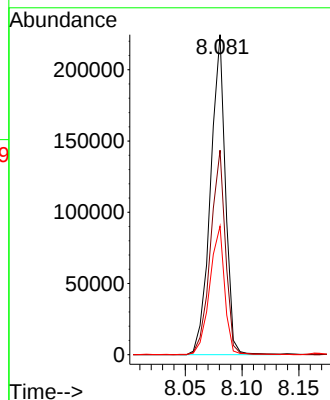
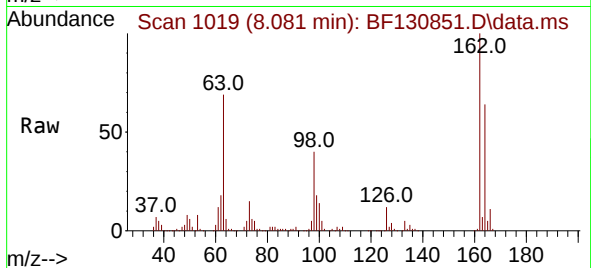
98 40.2 22.8 62.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.429 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

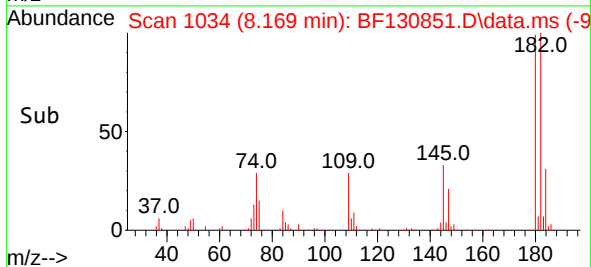
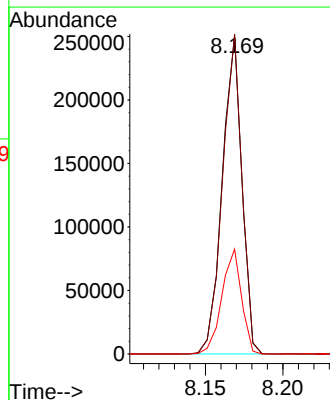
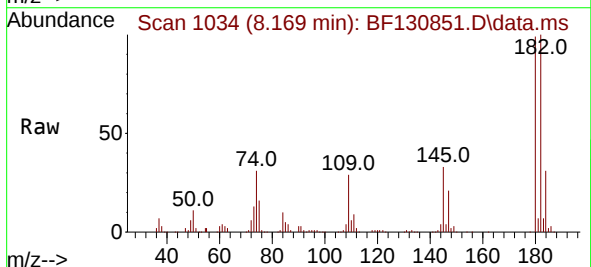
Tgt Ion:180 Resp: 220133

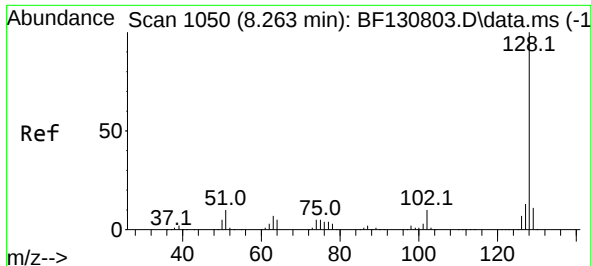
Ion Ratio Lower Upper

180 100

182 100.5 77.7 116.5

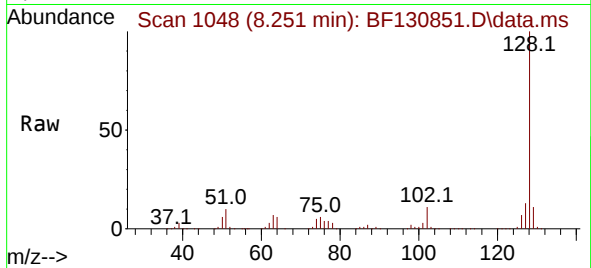
145 32.9 25.9 38.9





#31
Naphthalene
Concen: 39.807 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

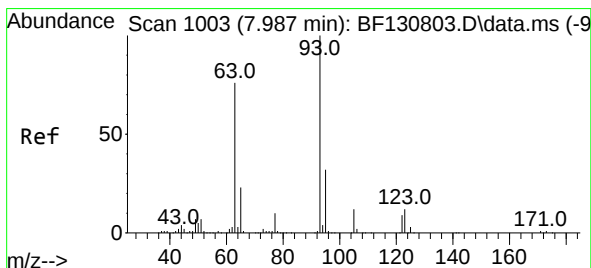
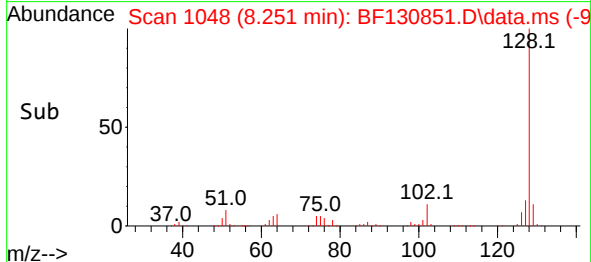
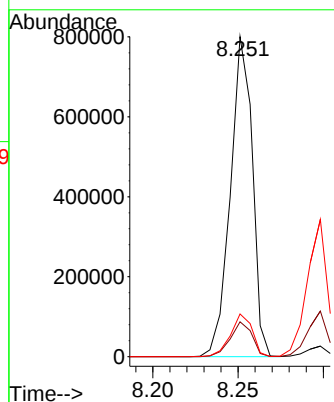
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 718270
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.6 16.0

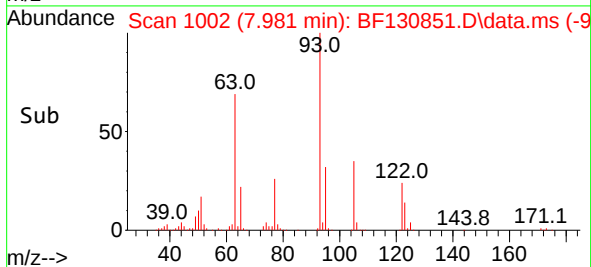
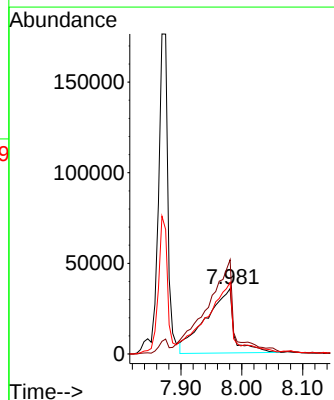
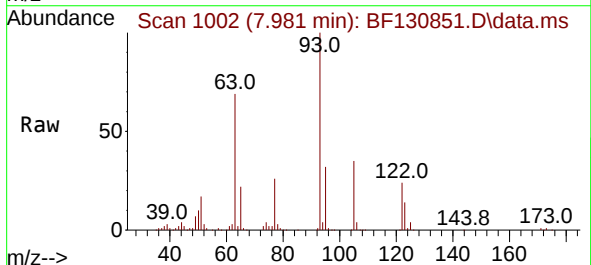
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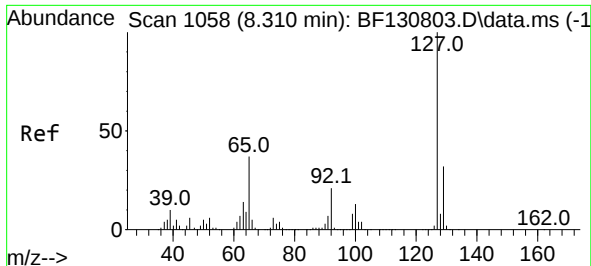
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 35.179 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:122 Resp: 114521
Ion Ratio Lower Upper
122 100
105 144.3 114.5 154.5
77 109.6 89.8 129.8





#33
4-Chloroaniline
Concen: 39.832 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

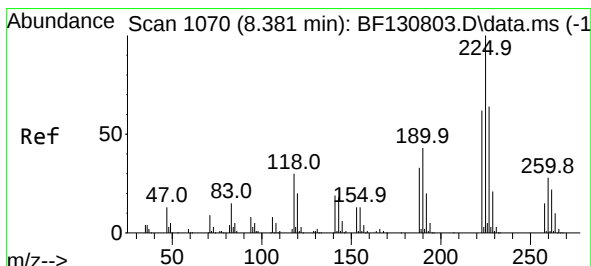
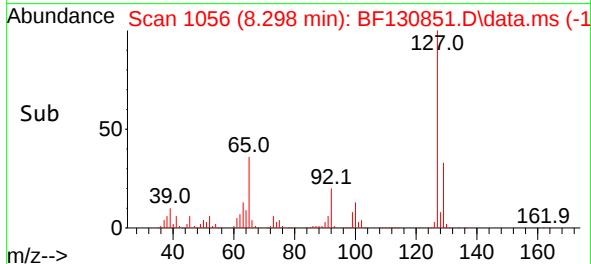
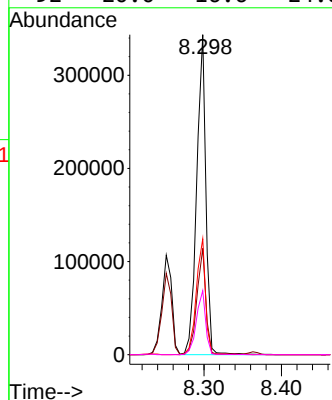
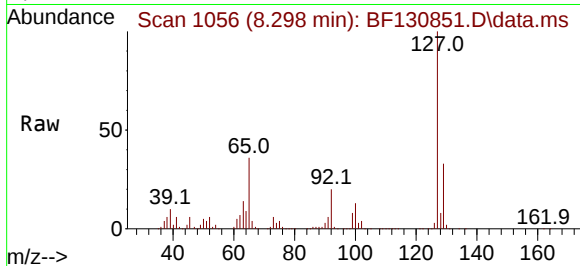
SSTDCCC040

Tgt Ion:127 Resp: 28400
Ion Ratio Lower Upper
127 100
129 33.2 25.6 38.4
65 36.2 29.4 44.2
92 20.0 16.6 24.8

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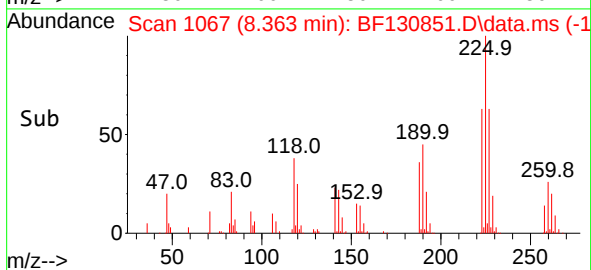
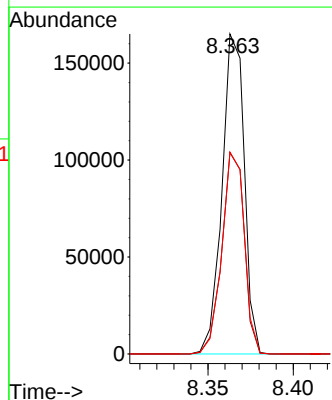
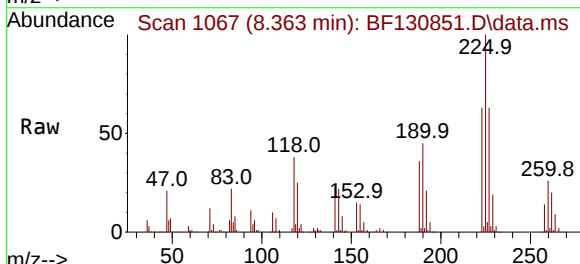
APPROVED

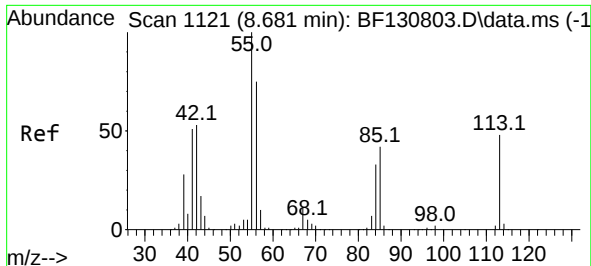
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 41.447 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

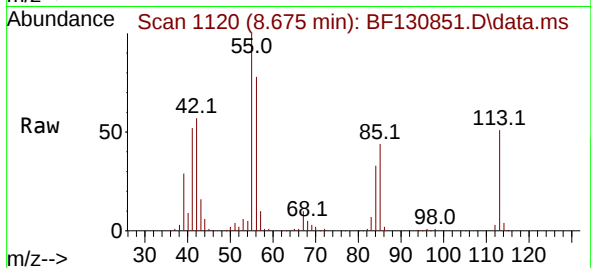
Tgt Ion:225 Resp: 149811
Ion Ratio Lower Upper
225 100
223 63.0 49.9 74.9
227 63.1 51.5 77.3





#35
 Caprolactam
 Concen: 38.526 ng
 RT: 8.675 min Scan# 1121
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08

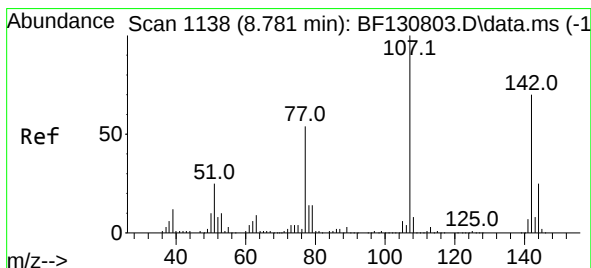
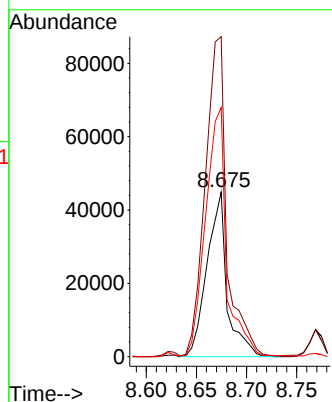
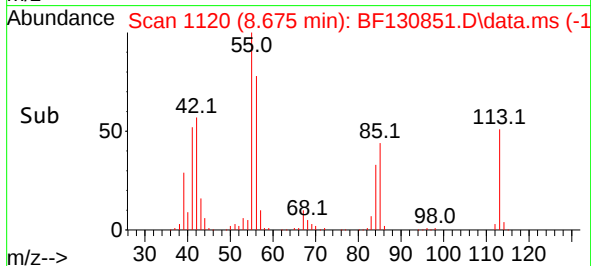
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 62515
 Ion Ratio Lower Upper
 113 100
 55 194.5 187.0 227.0
 56 151.5 134.2 174.2

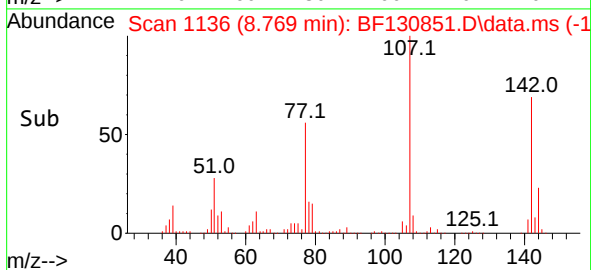
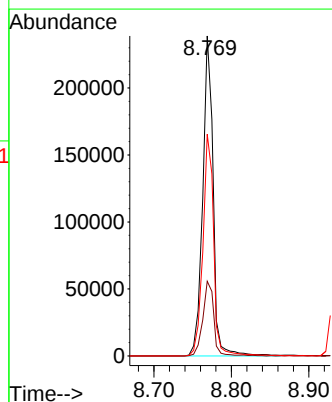
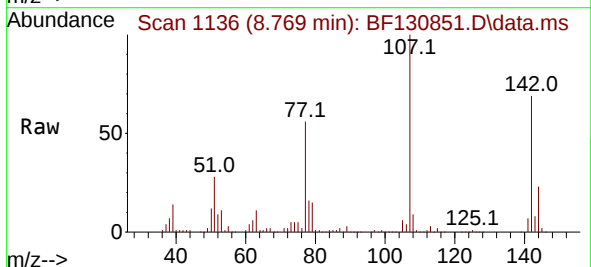
Manual Integrations
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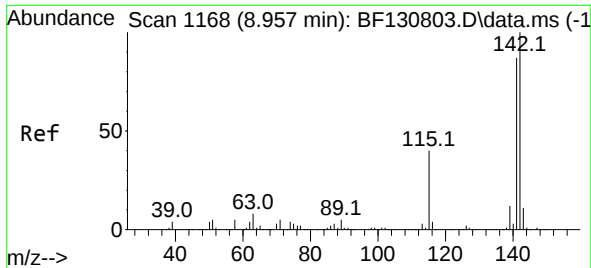
Reviewed By :Christian Giraldo 10/31/2022
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#36
 4-Chloro-3-methylphenol
 Concen: 40.590 ng
 RT: 8.769 min Scan# 1136
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08

Tgt Ion:107 Resp: 222942
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.8 29.8
 142 69.3 56.0 84.0





#37

2-Methylnaphthalene

Concen: 39.825 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 452000

Ion Ratio Lower Upper

142 100

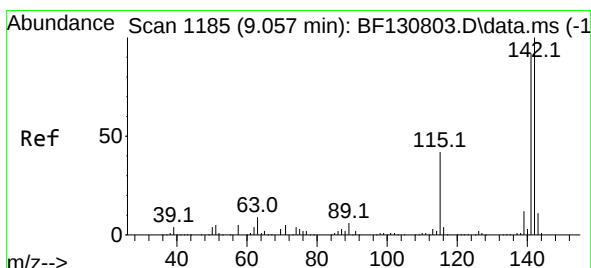
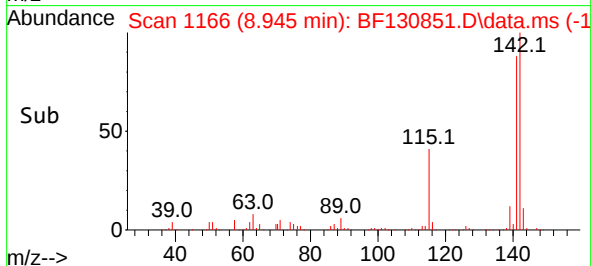
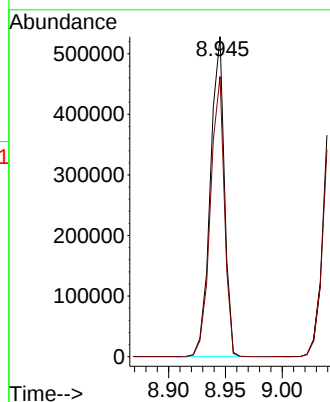
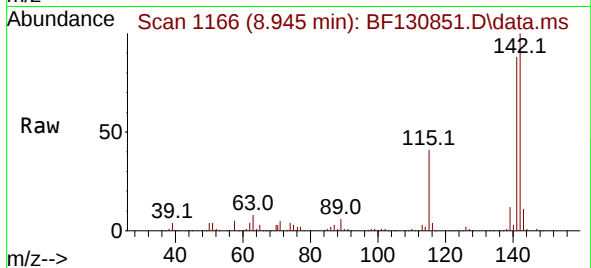
141 87.6 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 39.016 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130851.D

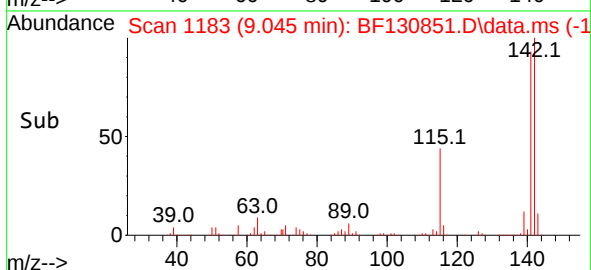
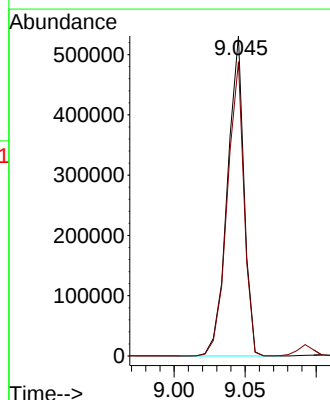
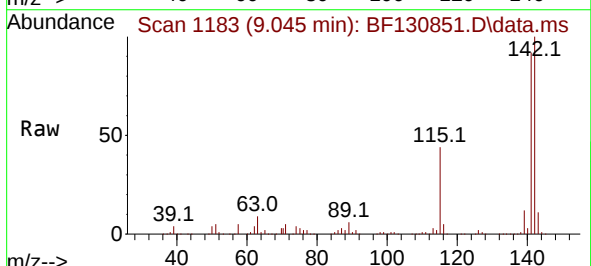
Acq: 29 Oct 2022 12:08

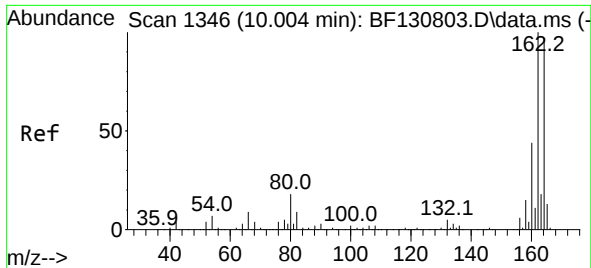
Tgt Ion:142 Resp: 430952

Ion Ratio Lower Upper

142 100

141 92.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF130851.D

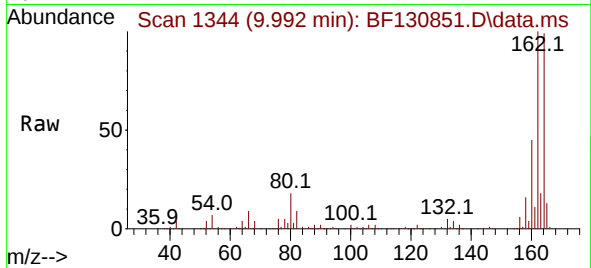
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 183328

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

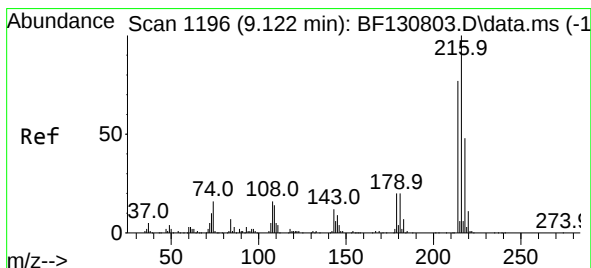
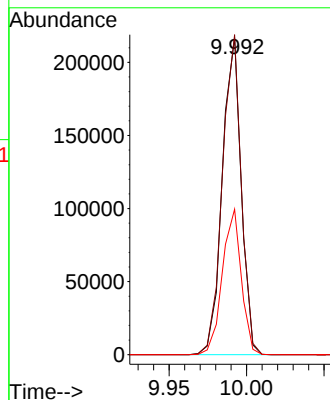
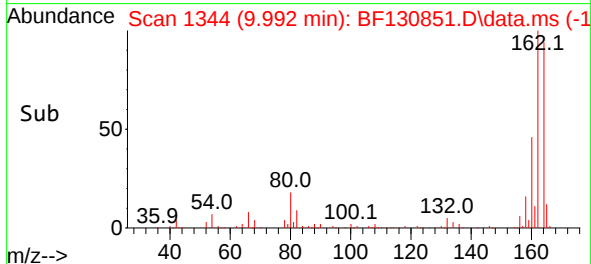
160 45.9 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.192 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Tgt Ion:216 Resp: 219349

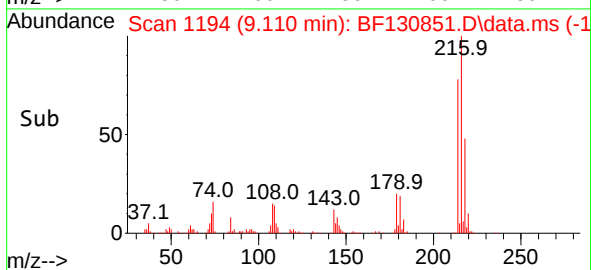
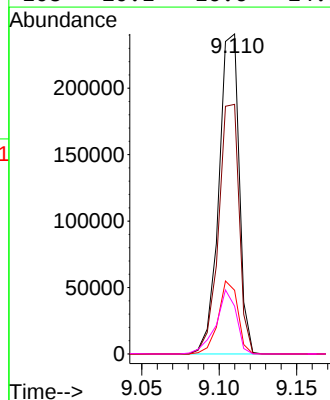
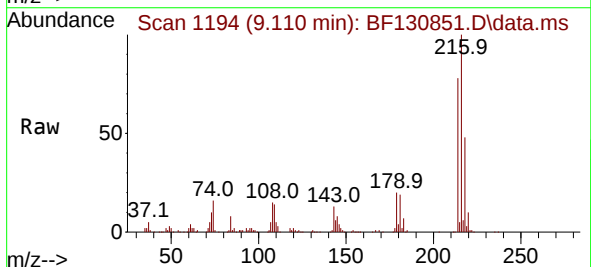
Ion Ratio Lower Upper

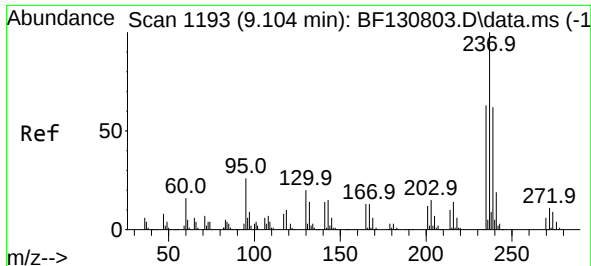
216 100

214 78.9 62.7 94.1

179 21.9 16.9 25.3

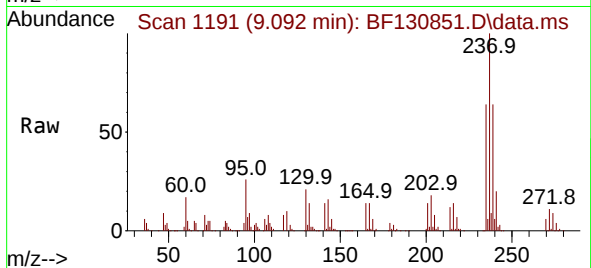
108 20.1 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 40.356 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

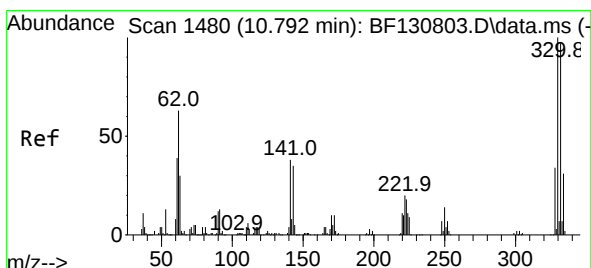
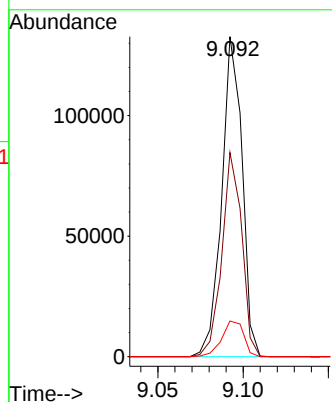
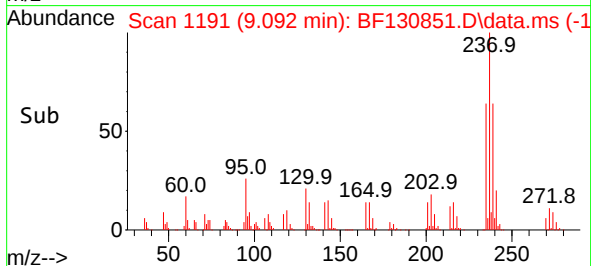
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



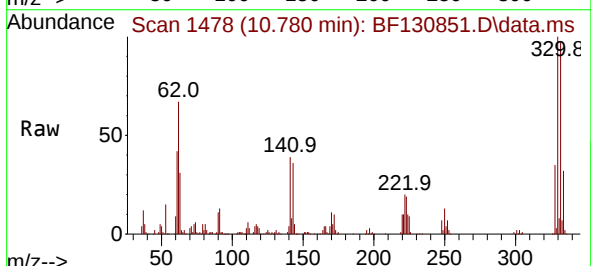
Tgt Ion:237 Resp: 110238
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 11.2 0.0 31.4

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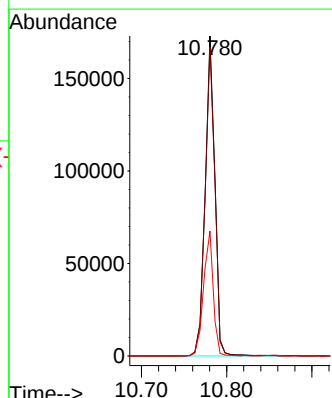
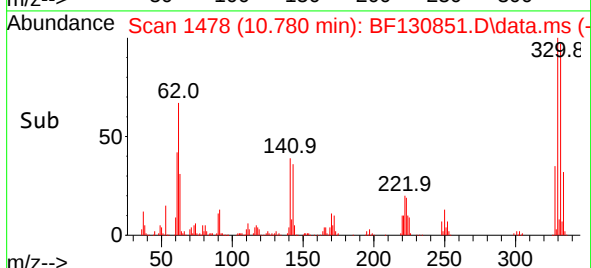
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

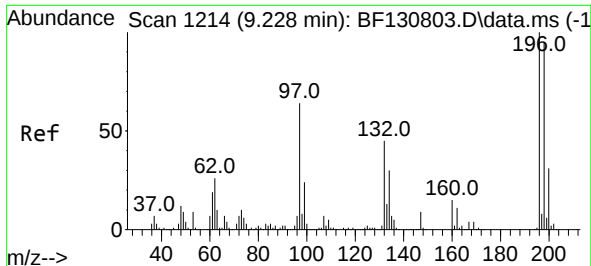


#42
2,4,6-Tribromophenol
Concen: 88.475 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:330 Resp: 136539
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 39.2 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 41.921 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 15144

Ion Ratio Lower Upper

196 100

198 93.7 76.1 114.1

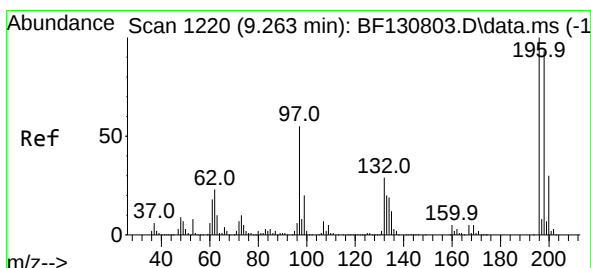
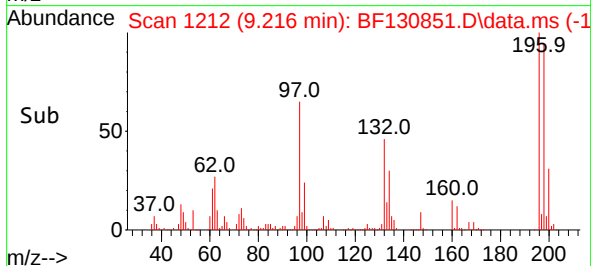
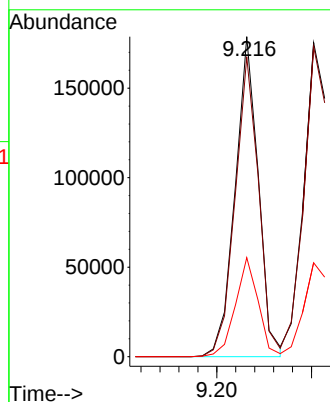
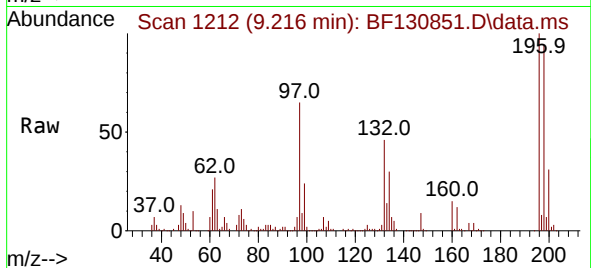
200 30.9 24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#44

2,4,5-Trichlorophenol

Concen: 41.576 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Tgt Ion:196 Resp: 160464

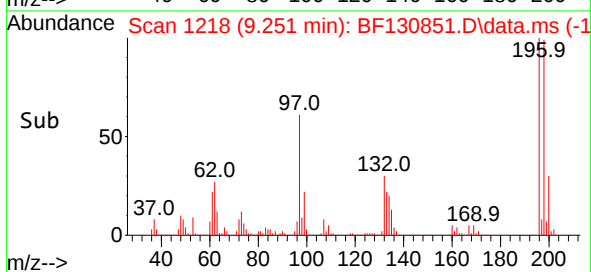
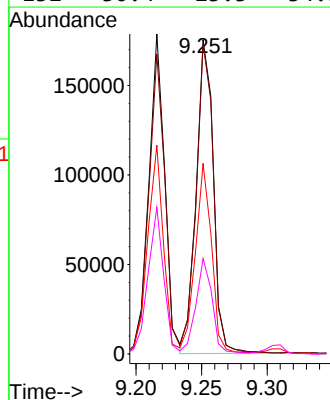
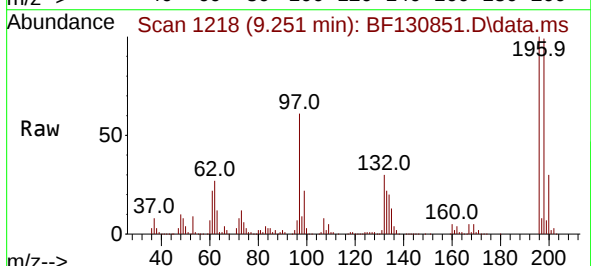
Ion Ratio Lower Upper

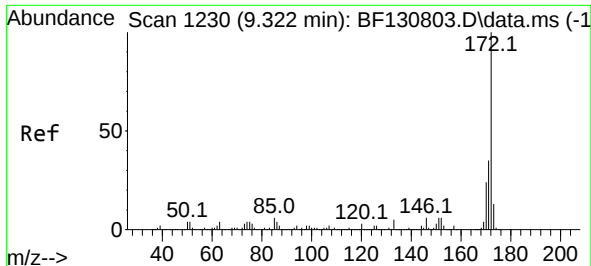
196 100

198 98.8 74.6 112.0

97 60.7 44.7 67.1

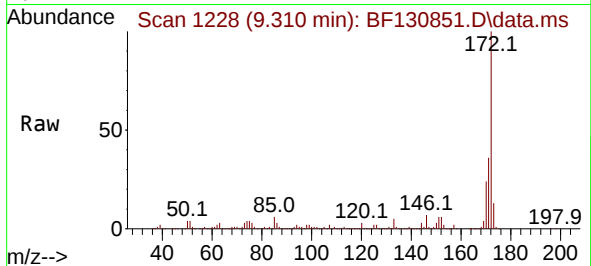
132 30.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 79.738 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

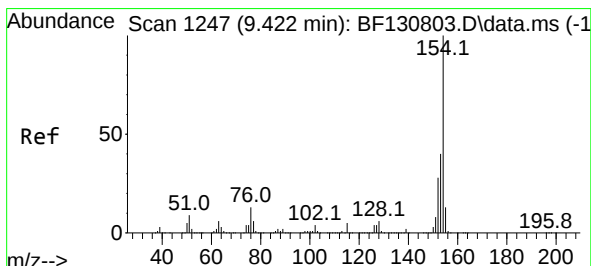
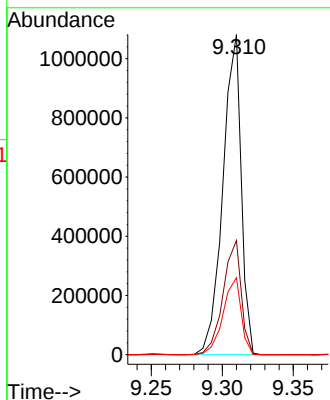
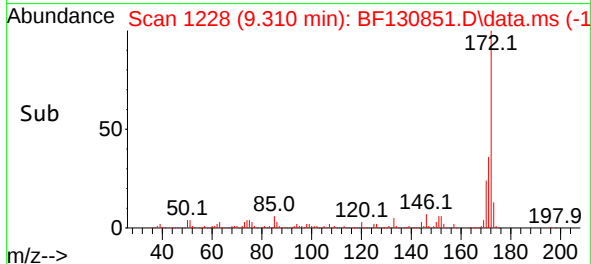
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



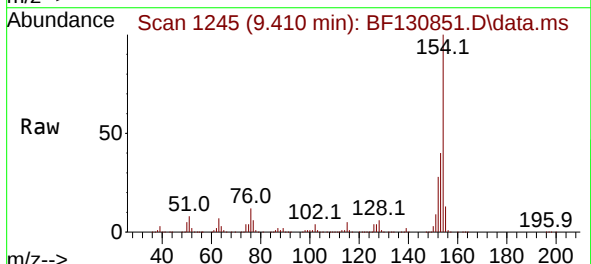
Tgt Ion:172 Resp: 96689
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.1 19.0 28.4

Manual Integrations
APPROVED

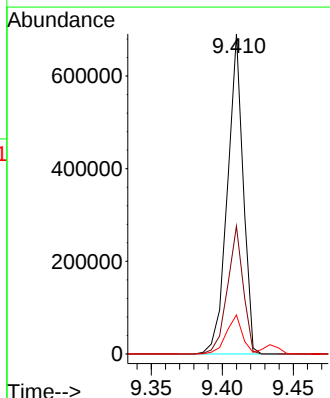
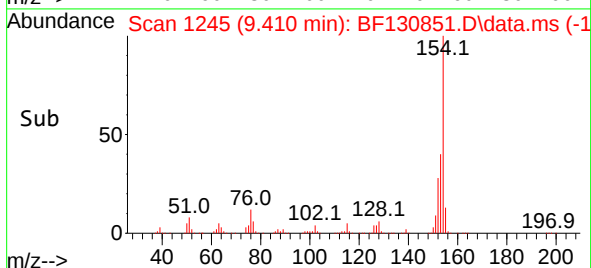
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

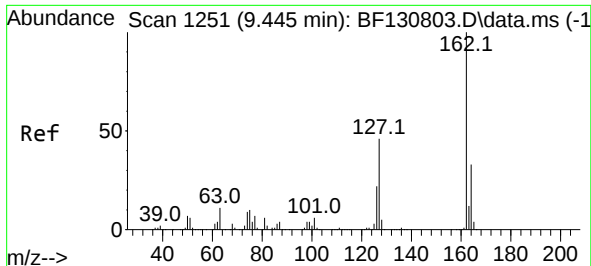


#46
1,1'-Biphenyl
Concen: 40.644 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



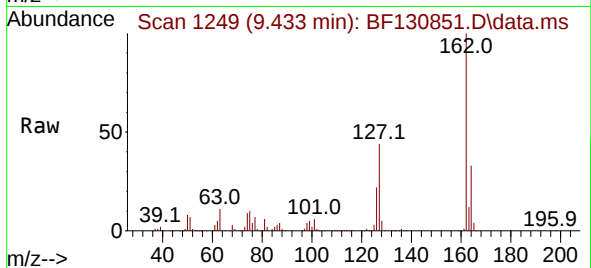
Tgt Ion:154 Resp: 530856
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 12.2 0.0 32.5





#47
2-Chloronaphthalene
Concen: 41.318 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

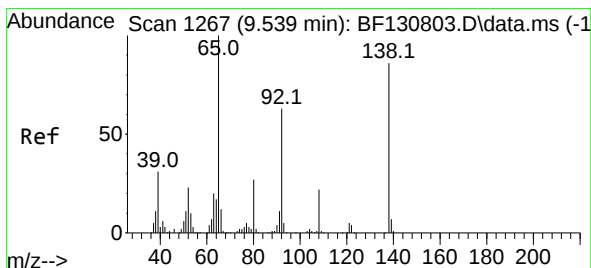
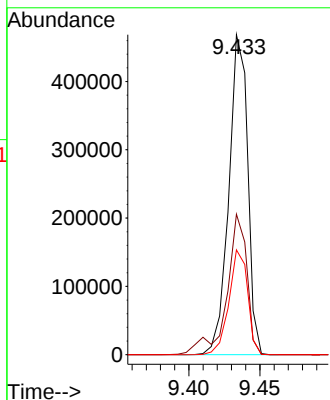
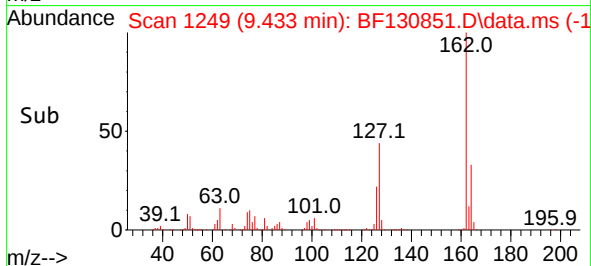
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 432735
Ion Ratio Lower Upper
162 100
127 43.9 36.6 54.8
164 32.8 26.5 39.7

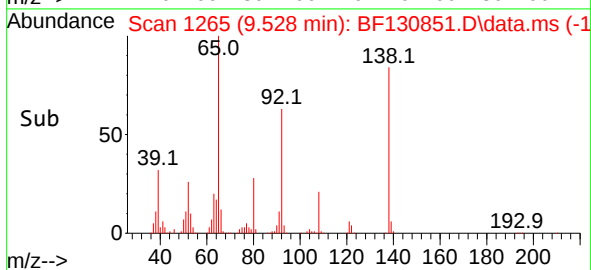
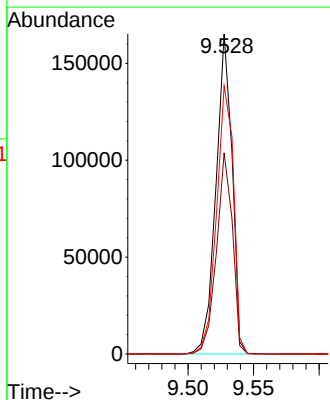
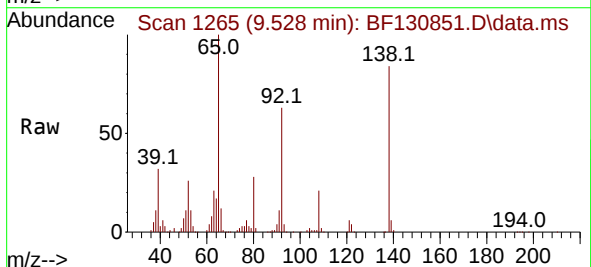
Manual Integrations
APPROVED

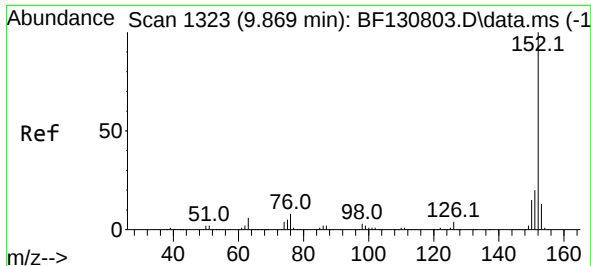
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 42.380 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion: 65 Resp: 140934
Ion Ratio Lower Upper
65 100
92 62.8 50.1 75.1
138 83.8 69.2 103.8





#49
Acenaphthylene
Concen: 40.610 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

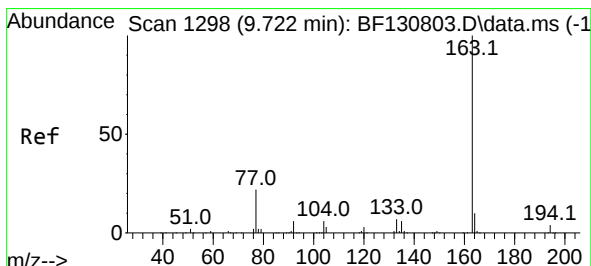
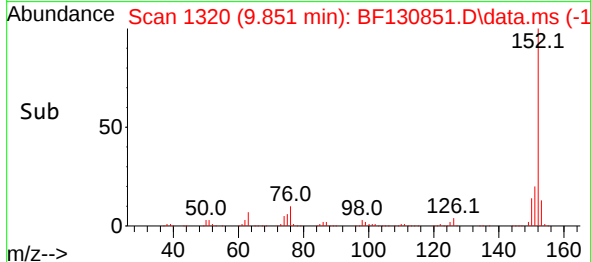
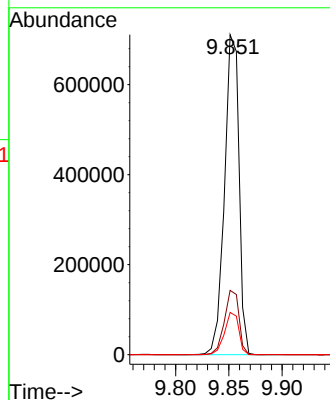
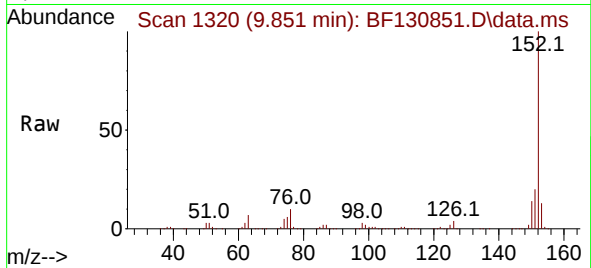
SSTDCCC040

Tgt Ion:152 Resp: 67211
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.2 15.4

Manual Integrations

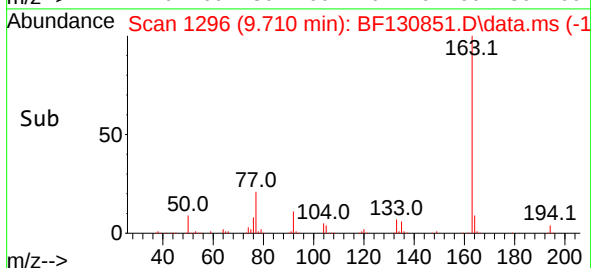
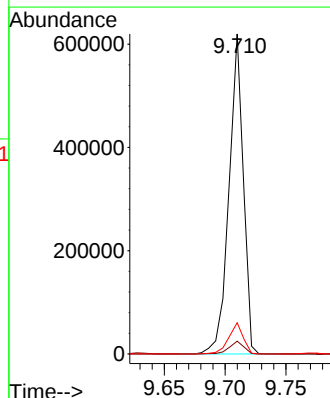
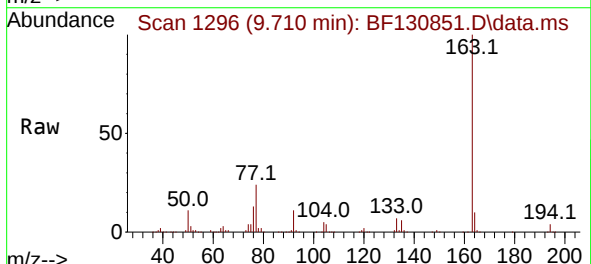
APPROVED

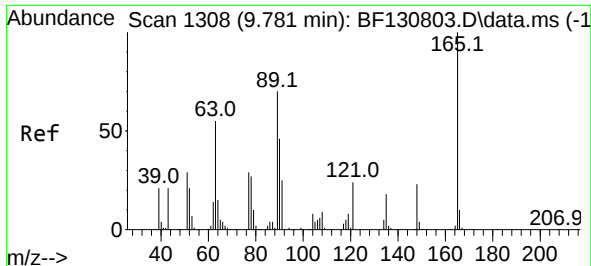
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#50
Dimethylphthalate
Concen: 40.431 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:163 Resp: 509111
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 40.885 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

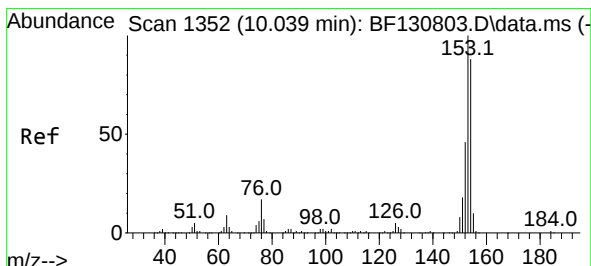
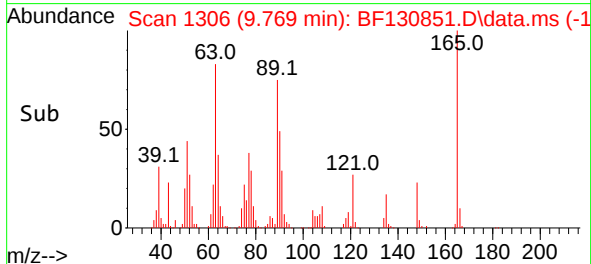
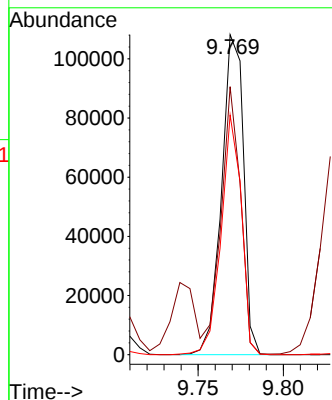
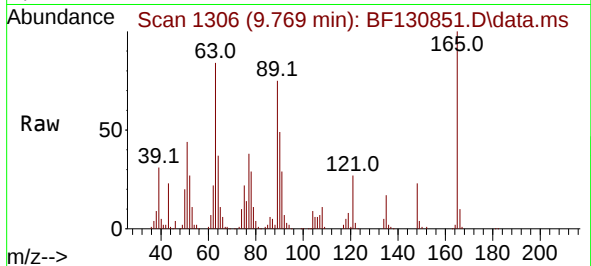
SSTDCCC040

Tgt Ion:165 Resp: 96810
Ion Ratio Lower Upper
165 100
63 83.8 61.8 92.8
89 74.9 56.2 84.4

Manual Integrations

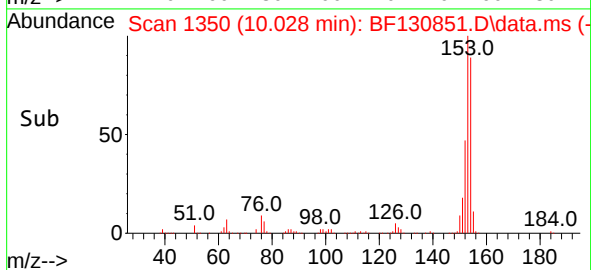
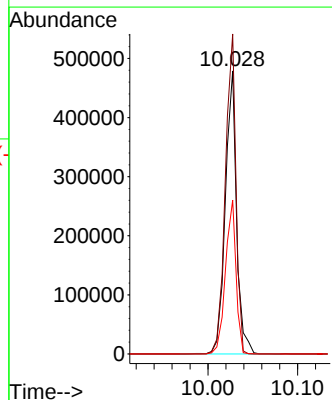
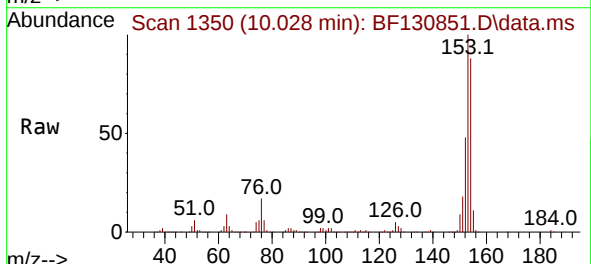
APPROVED

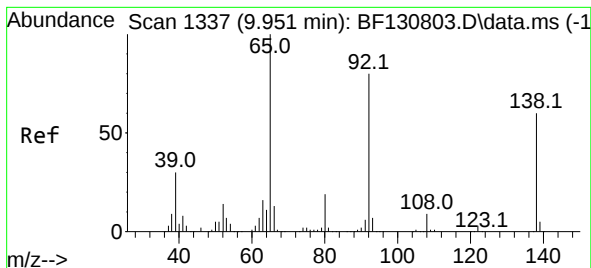
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 40.651 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:154 Resp: 416029
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 54.4 42.0 63.0





#53
3-Nitroaniline
Concen: 45.975 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

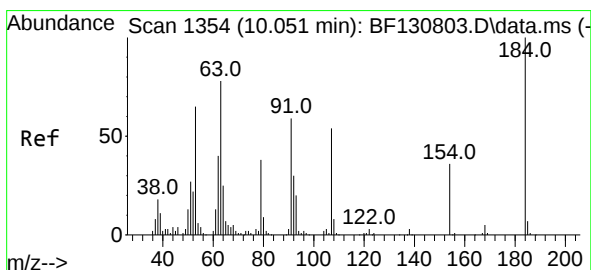
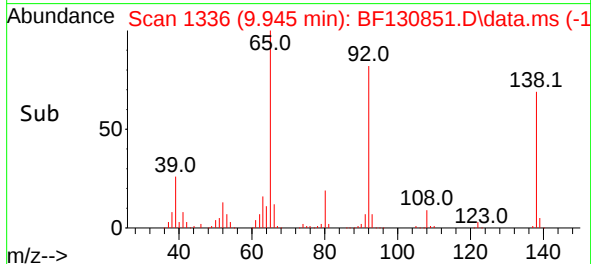
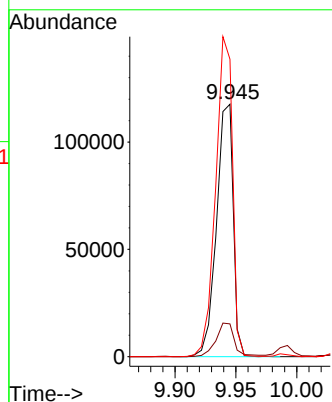
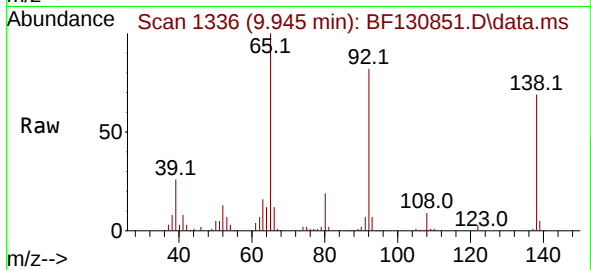
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 112760
Ion Ratio Lower Upper
138 100
108 13.0 12.7 19.1
92 117.9 107.8 161.8

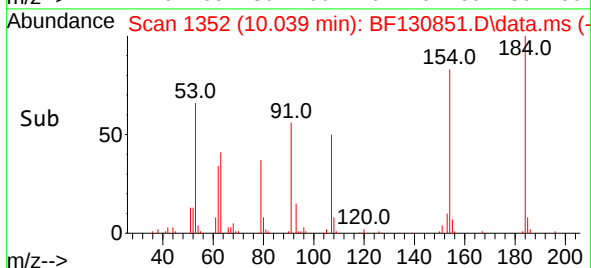
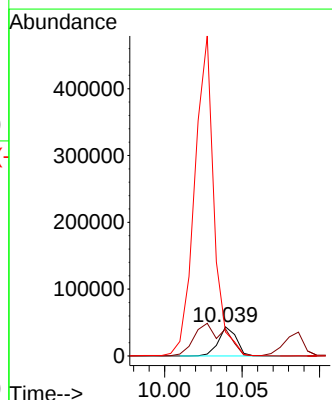
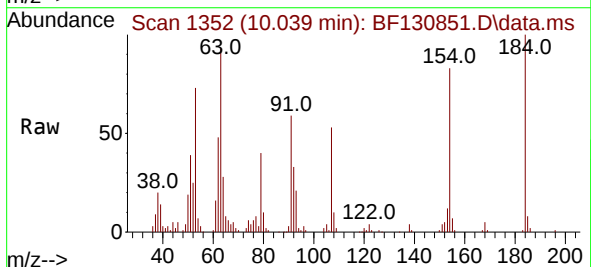
Manual Integrations
APPROVED

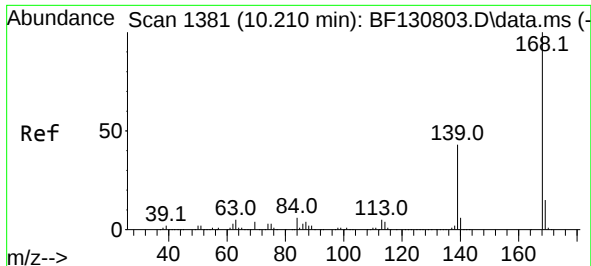
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 40.765 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

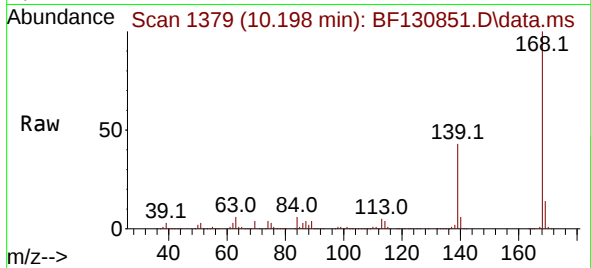
Tgt Ion:184 Resp: 35084
Ion Ratio Lower Upper
184 100
63 92.7 66.7 100.1
154 82.8 62.2 93.2





#55
Dibenzofuran
Concen: 40.087 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

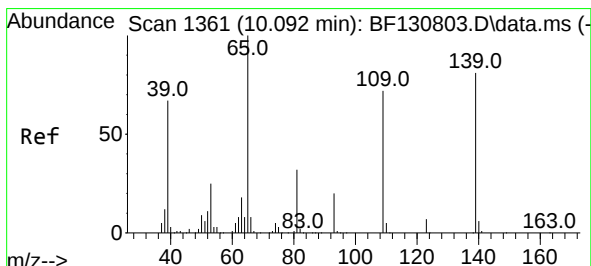
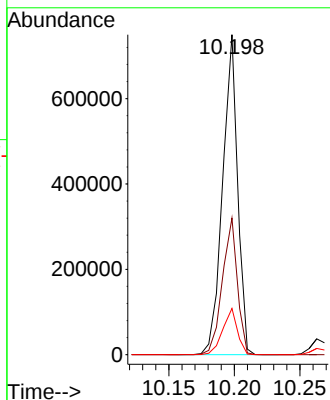
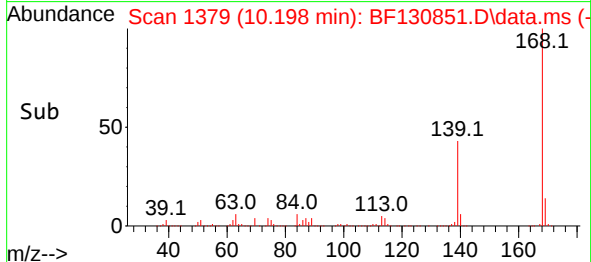
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



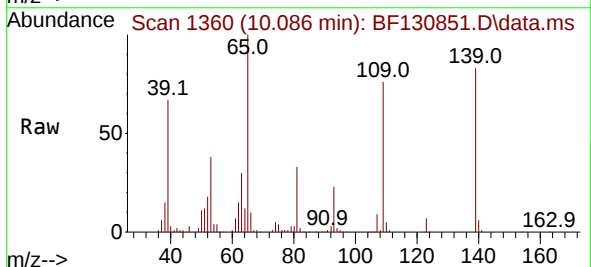
Tgt Ion:168 Resp: 59464
Ion Ratio Lower Upper
168 100
139 42.7 34.3 51.5
169 14.4 11.9 17.9

Manual Integrations
APPROVED

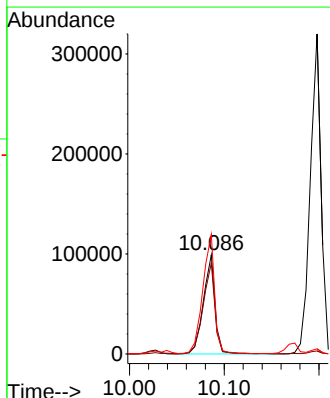
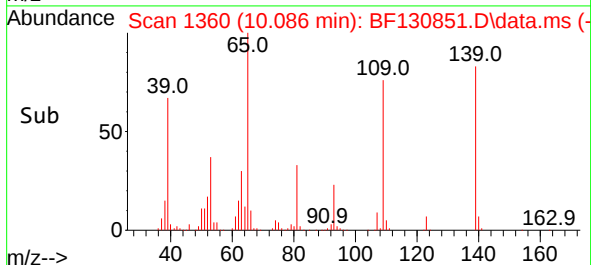
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

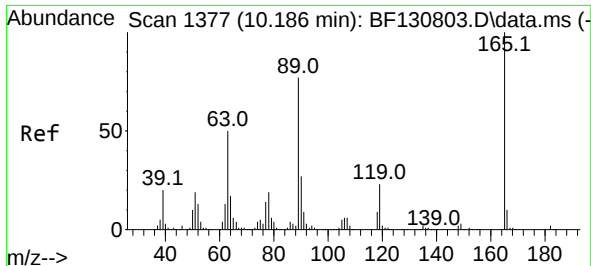


#56
4-Nitrophenol
Concen: 43.786 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:139 Resp: 85032
Ion Ratio Lower Upper
139 100
109 91.8 69.3 109.3
65 120.8 105.3 145.3





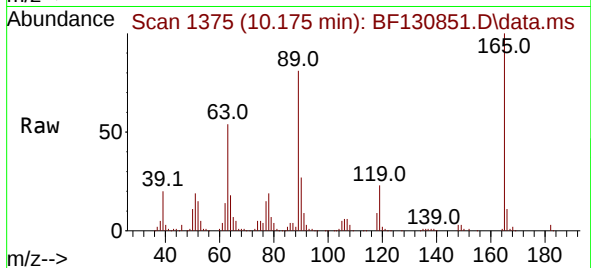
#57
2,4-Dinitrotoluene
Concen: 40.498 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

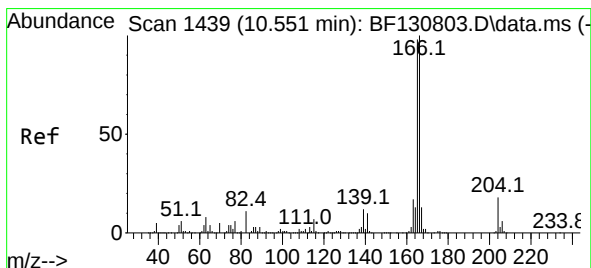
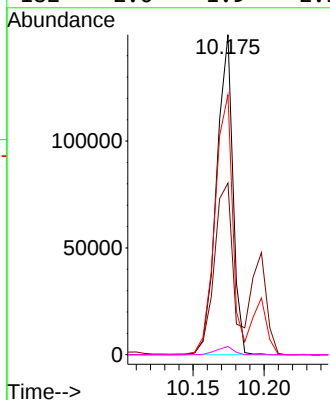
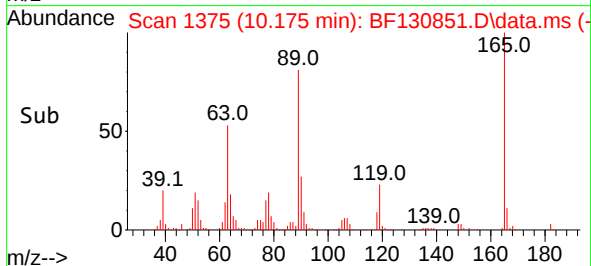


Tgt Ion:165 Resp: 119908
Ion Ratio Lower Upper
165 100
63 53.6 39.8 59.6
89 81.2 61.9 92.9
182 2.6 1.9 2.9

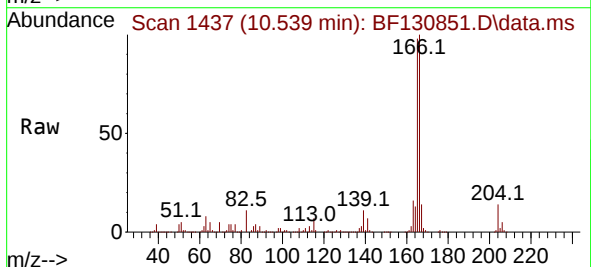
Manual Integrations

APPROVED

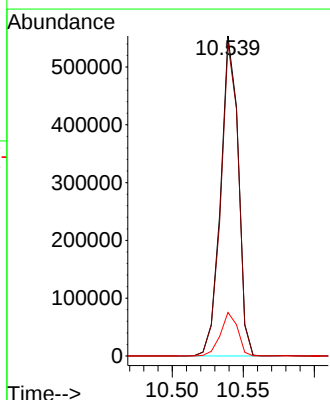
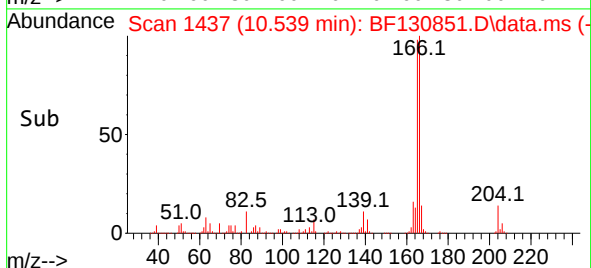
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

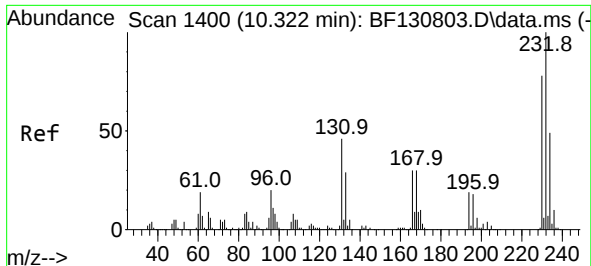


#58
Fluorene
Concen: 40.760 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



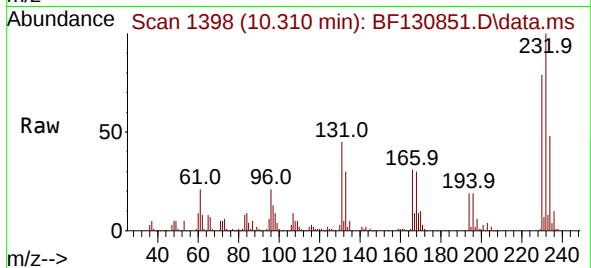
Tgt Ion:166 Resp: 476096
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.473 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

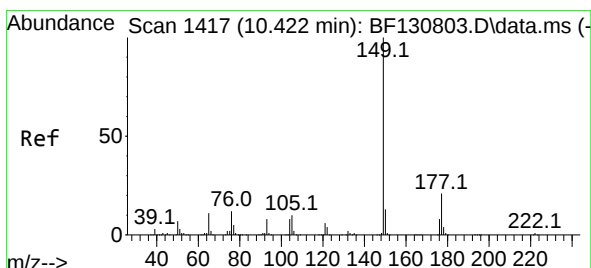
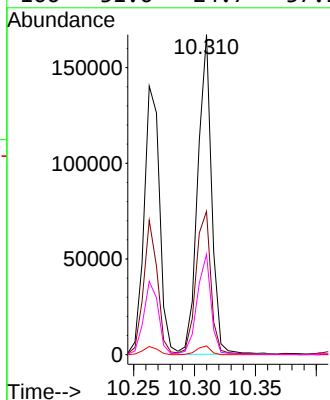
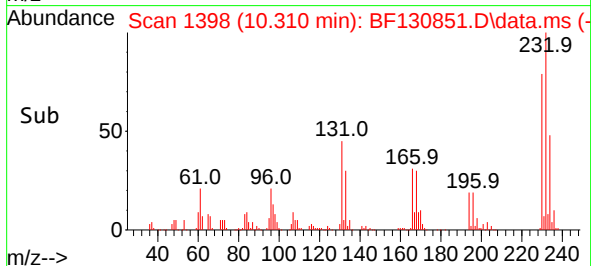
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



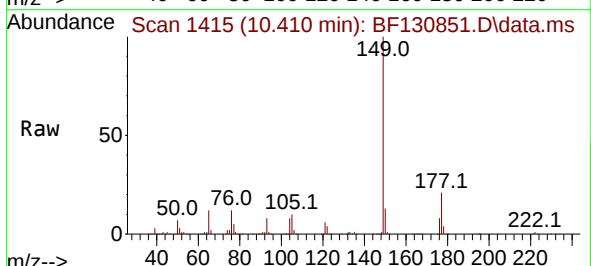
Tgt Ion:232 Resp: 131969
Ion Ratio Lower Upper
232 100
131 48.6 39.6 59.4
130 2.7 2.1 3.1
166 31.6 24.7 37.1

Manual Integrations
APPROVED

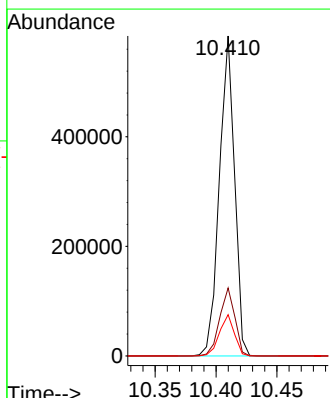
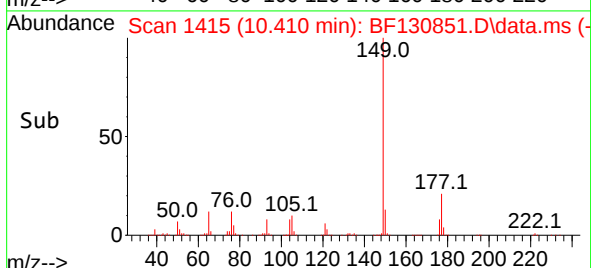
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

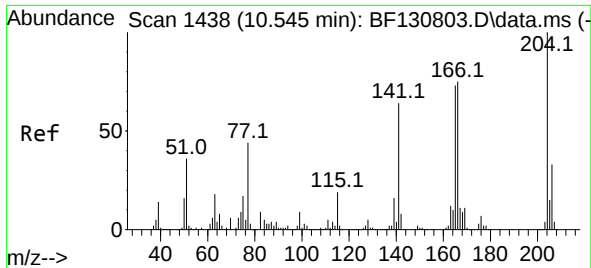


#60
Diethylphthalate
Concen: 41.054 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



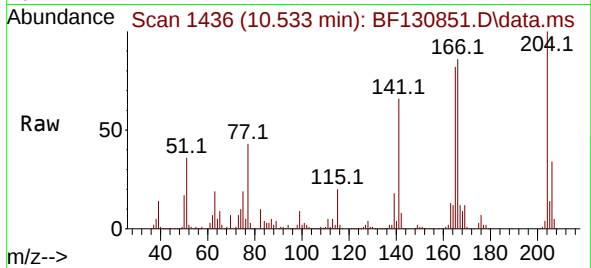
Tgt Ion:149 Resp: 508412
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 12.9 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 40.187 ng
RT: 10.533 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

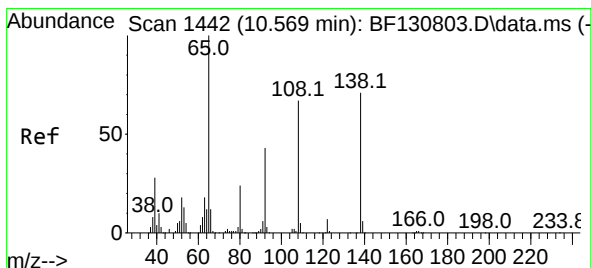
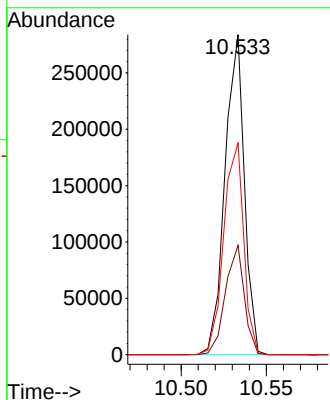
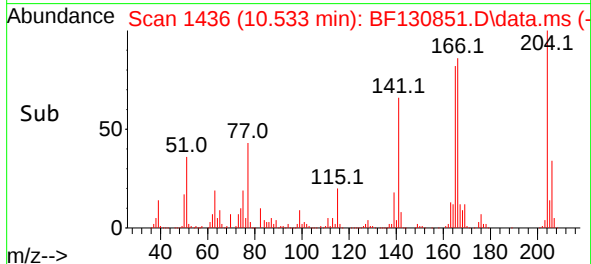
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



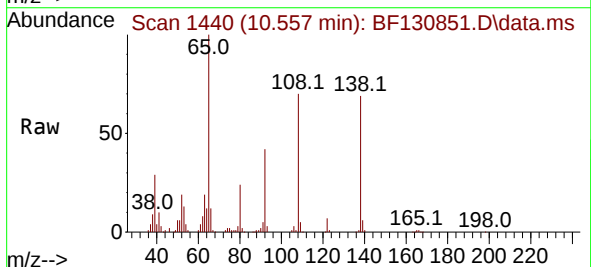
Tgt Ion:204 Resp: 22456
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 66.1 51.3 76.9

Manual Integrations
APPROVED

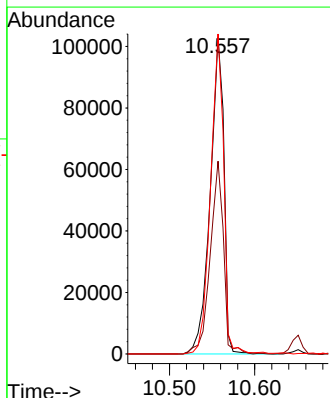
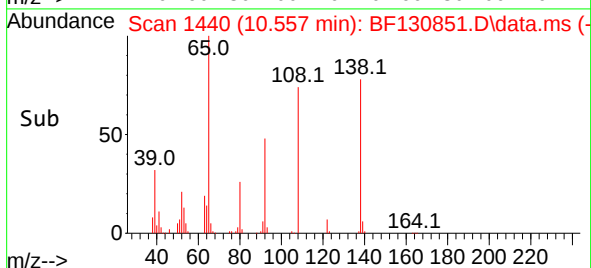
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

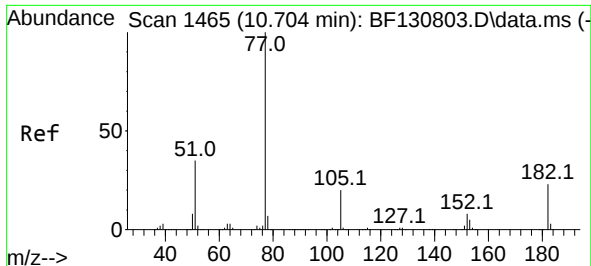


#62
4-Nitroaniline
Concen: 46.328 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



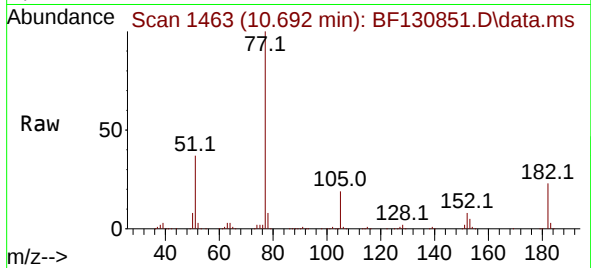
Tgt Ion:138 Resp: 115057
Ion Ratio Lower Upper
138 100
92 60.9 40.6 80.6
108 101.1 74.7 114.7





#63
Azobenzene
Concen: 40.953 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

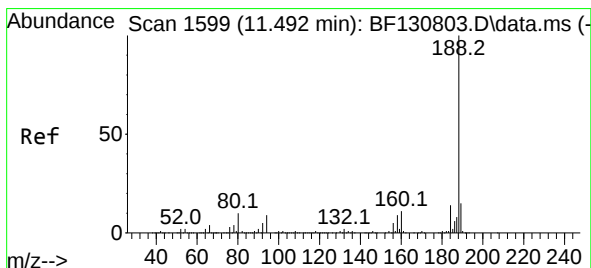
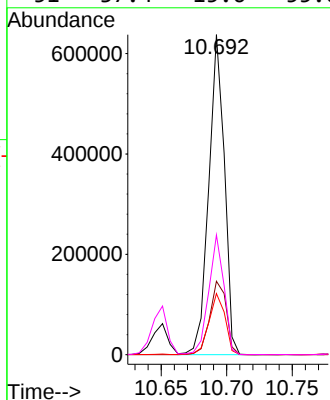
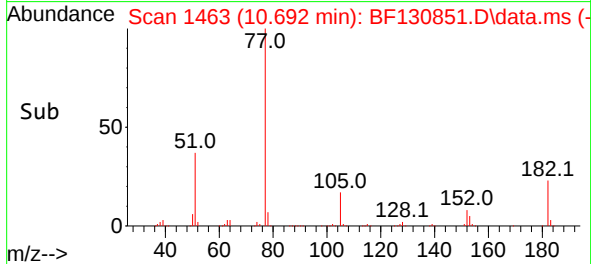
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 529415
Ion Ratio Lower Upper
77 100
182 22.9 2.6 42.6
105 19.1 0.0 40.0
51 37.4 15.6 55.6

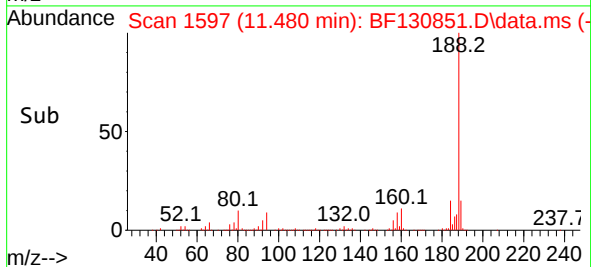
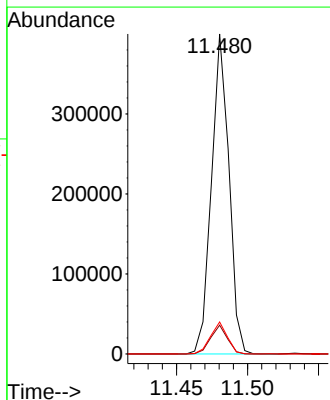
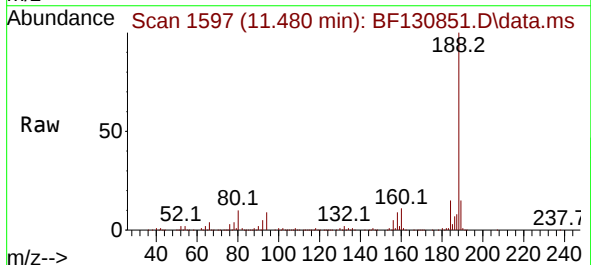
Manual Integrations
APPROVED

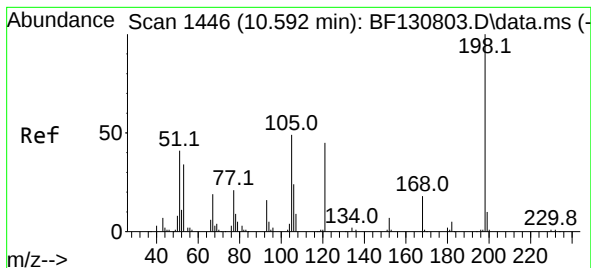
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

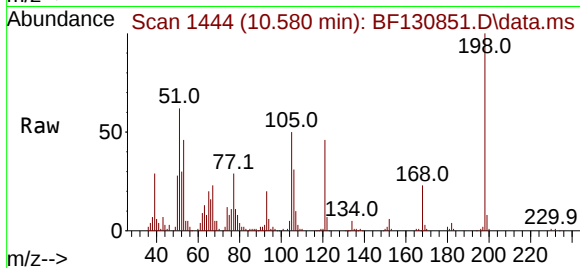
Tgt Ion:188 Resp: 341096
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 38.016 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

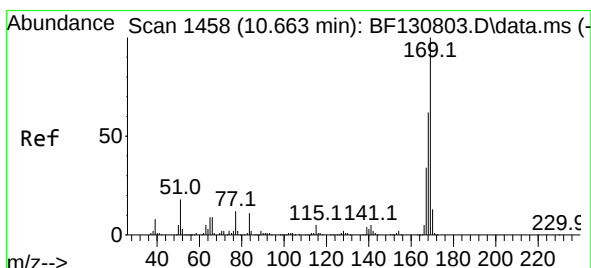
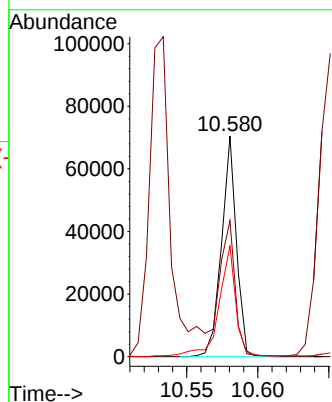
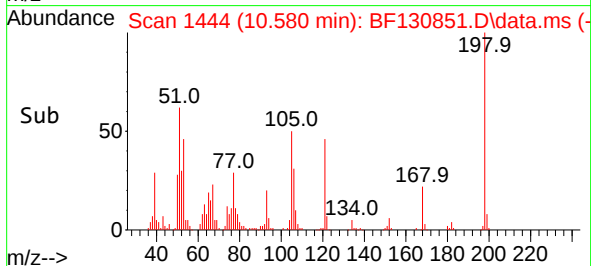
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



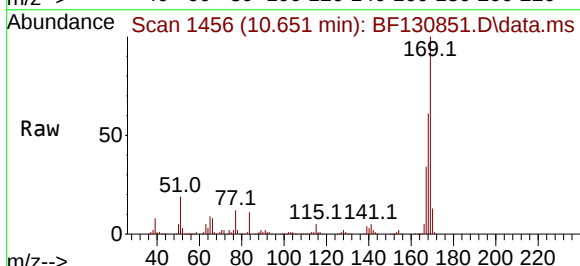
Tgt Ion:198 Resp: 5137
Ion Ratio Lower Upper
198 100
51 61.6 39.0 79.0
105 50.1 30.6 70.6

Manual Integrations
APPROVED

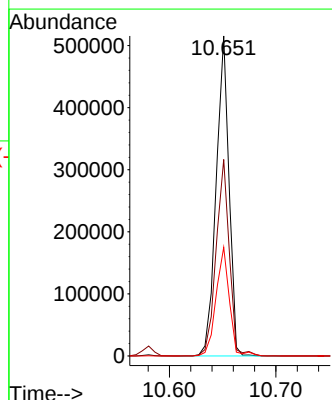
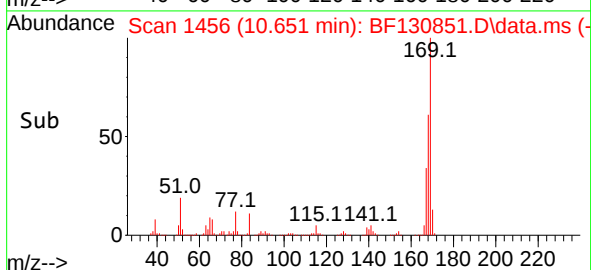
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

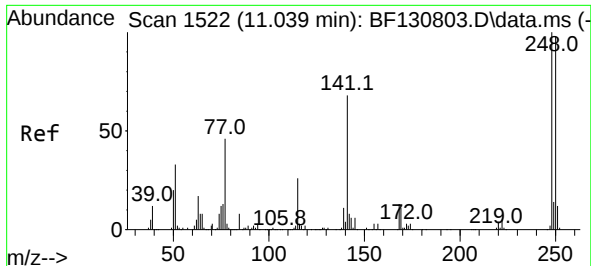


#66
n-Nitrosodiphenylamine
Concen: 40.538 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



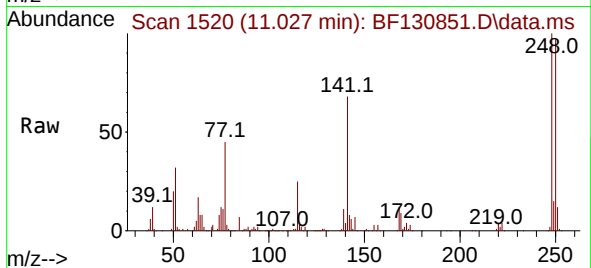
Tgt Ion:169 Resp: 431299
Ion Ratio Lower Upper
169 100
168 61.4 49.4 74.0
167 34.0 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 41.152 ng
RT: 11.027 min Scan# 11027
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

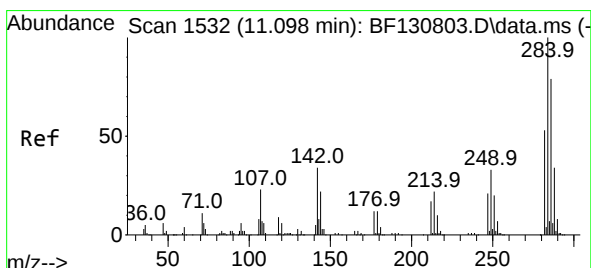
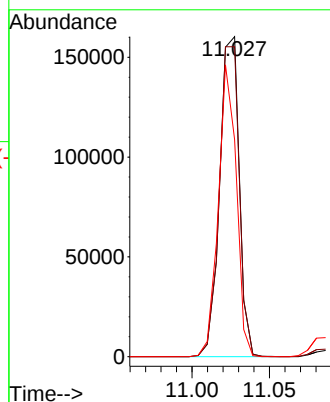
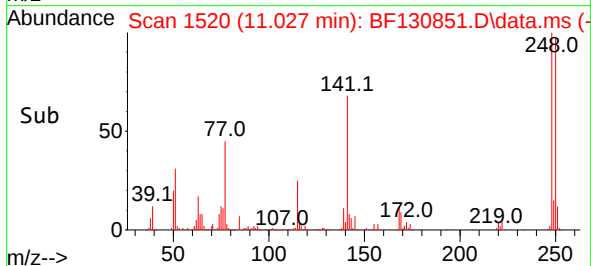
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



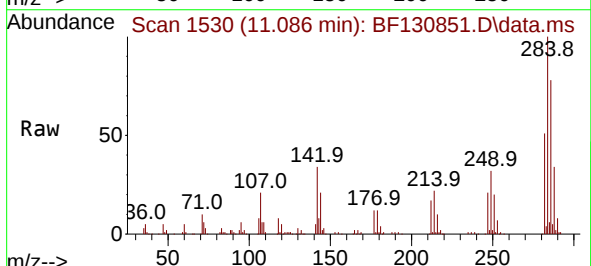
Tgt Ion:248 Resp: 141162
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 67.9 54.2 81.4

Manual Integrations
APPROVED

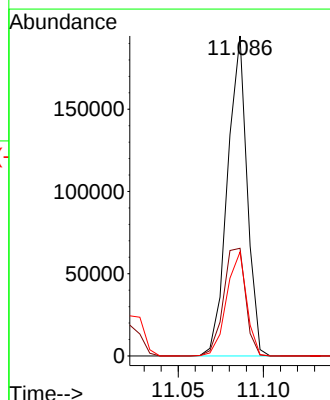
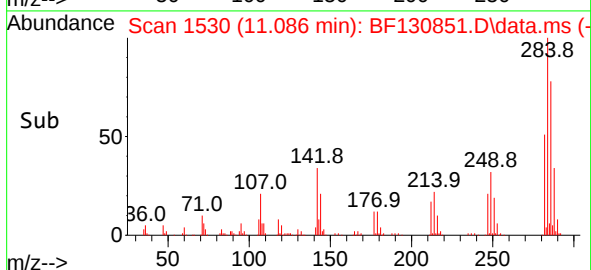
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

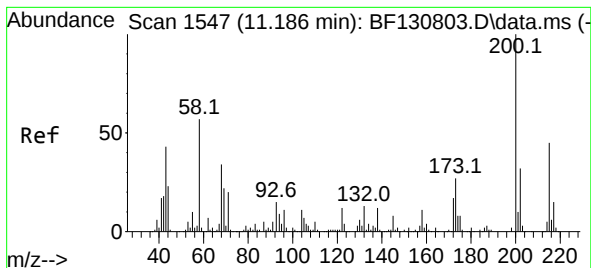


#68
Hexachlorobenzene
Concen: 41.147 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:284 Resp: 155510
Ion Ratio Lower Upper
284 100
142 33.6 27.1 40.7
249 32.5 26.6 39.8





#69

Atrazine

Concen: 41.735 ng

RT: 11.175 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 12823

Ion Ratio Lower Upper

200 100

173 26.3 7.1 47.1

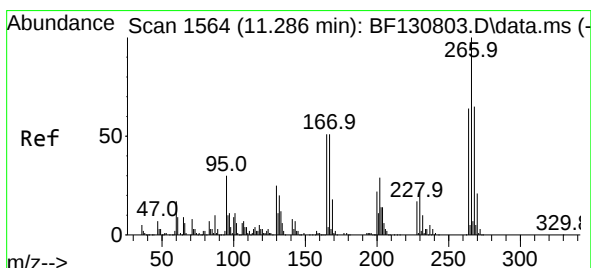
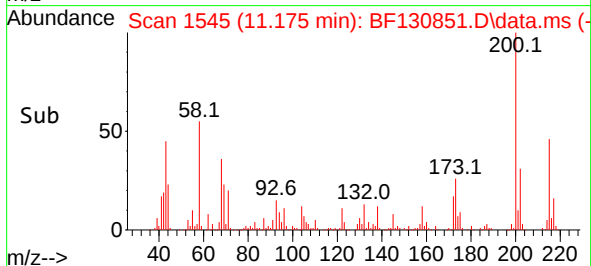
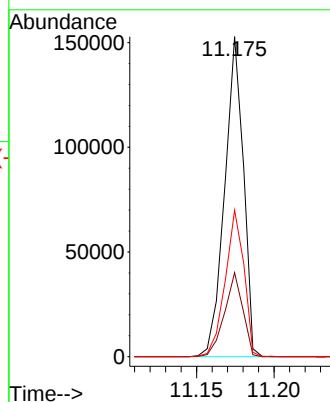
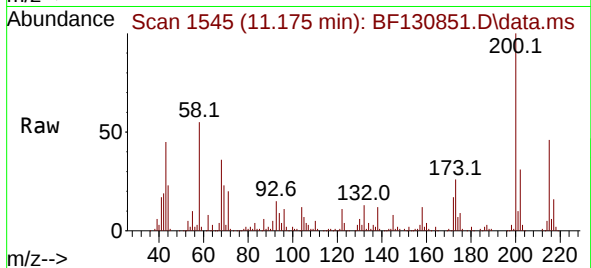
215 45.8 25.4 65.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#70

Pentachlorophenol

Concen: 41.171 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

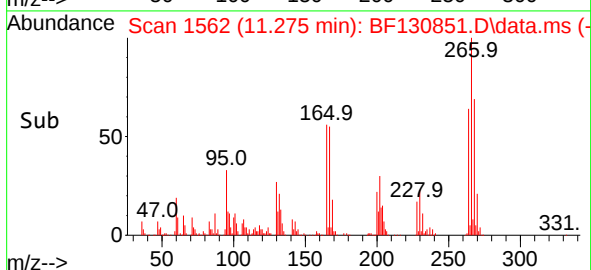
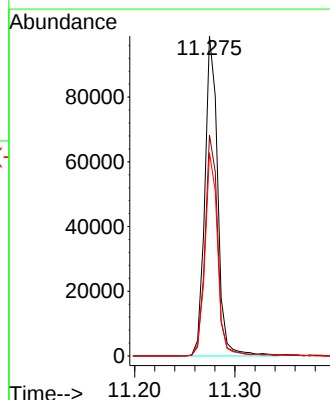
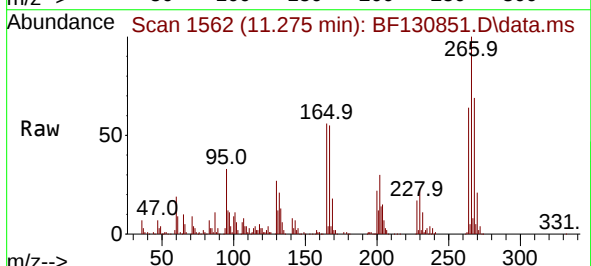
Tgt Ion:266 Resp: 88792

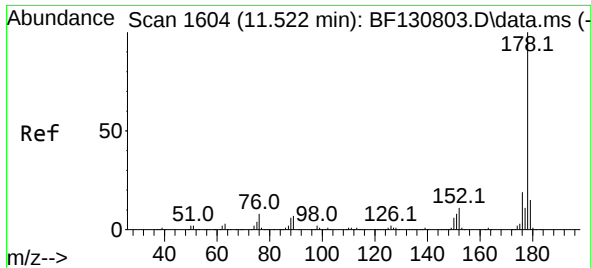
Ion Ratio Lower Upper

266 100

268 69.1 51.8 77.6

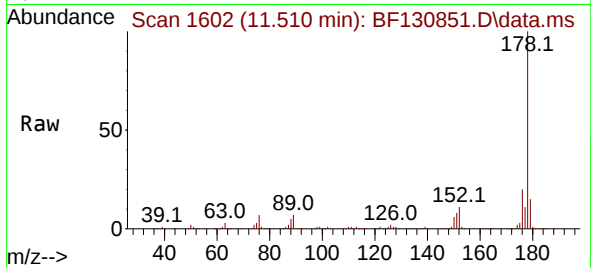
264 63.5 51.6 77.4





#71
Phenanthrene
Concen: 40.585 ng
RT: 11.510 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

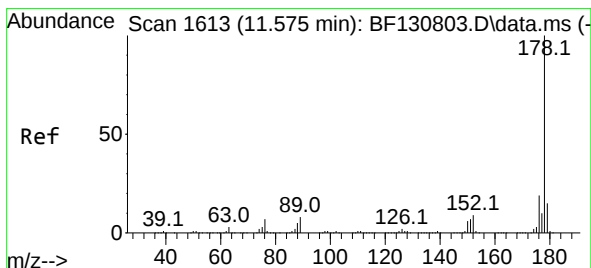
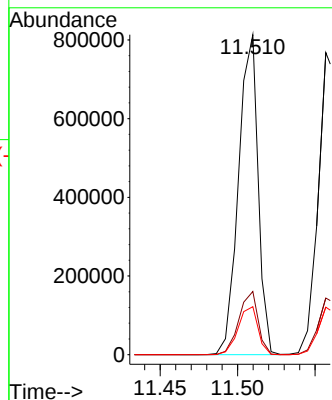
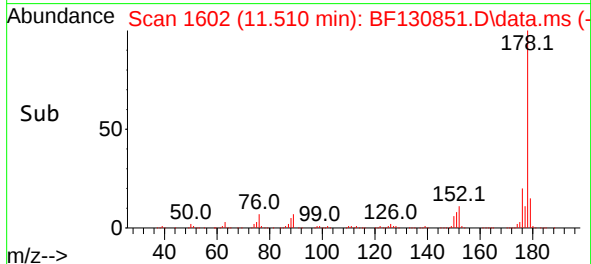
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



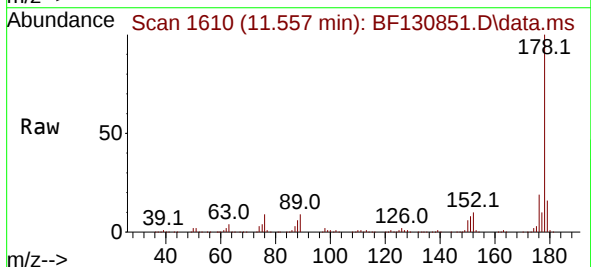
Tgt Ion:178 Resp: 714500
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.0 12.2 18.2

Manual Integrations
APPROVED

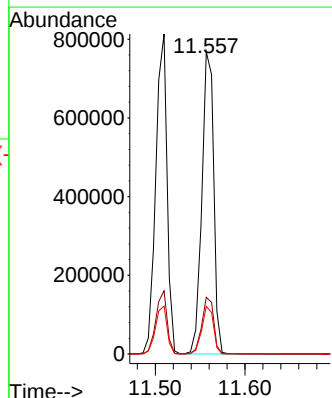
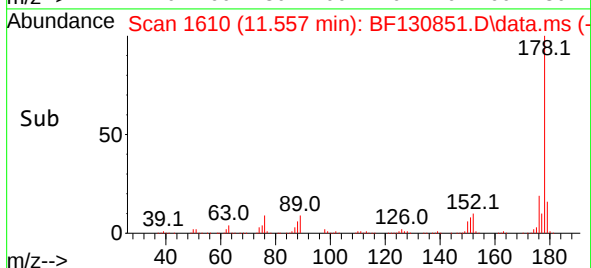
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

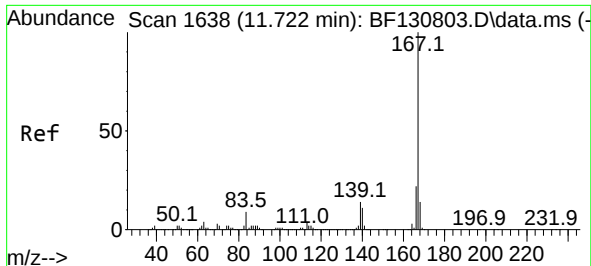


#72
Anthracene
Concen: 40.460 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



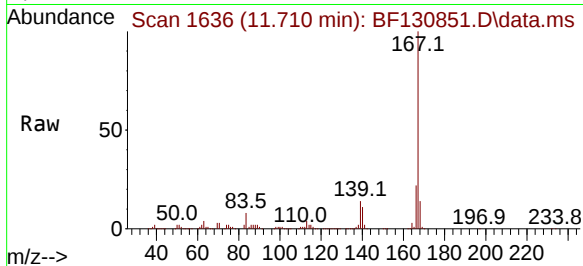
Tgt Ion:178 Resp: 702557
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 39.892 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08

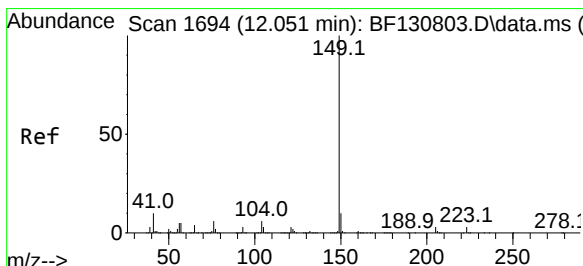
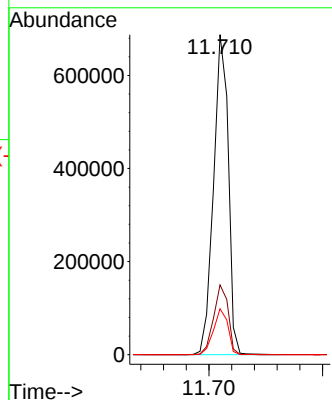
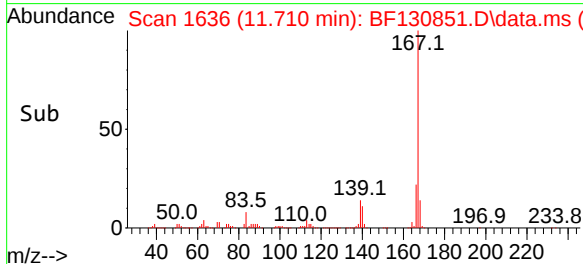
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



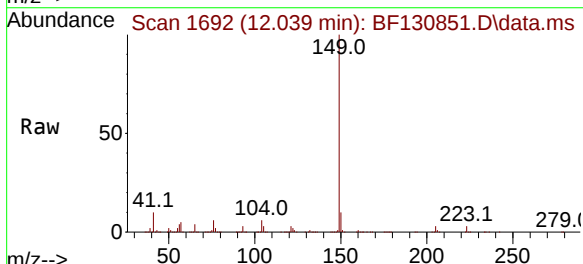
Tgt Ion:167 Resp: 620330
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.4 11.3 16.9

Manual Integrations
 APPROVED

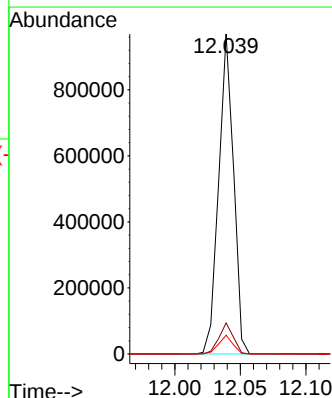
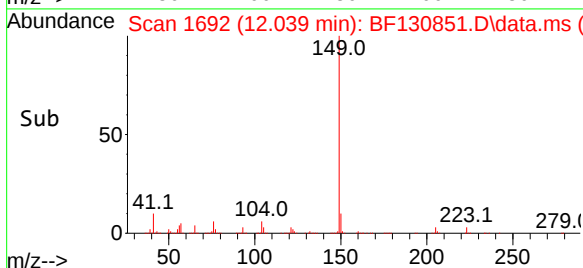
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

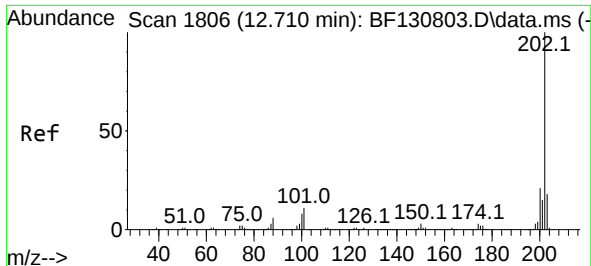


#74
 Di-n-butylphthalate
 Concen: 40.374 ng
 RT: 12.039 min Scan# 1692
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08



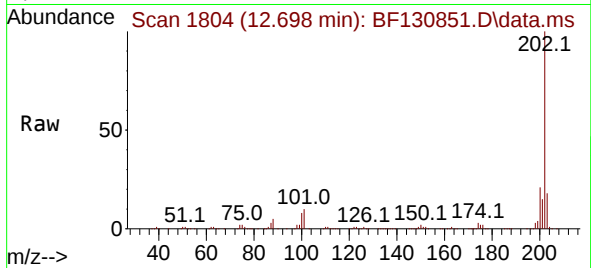
Tgt Ion:149 Resp: 762491
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 40.748 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

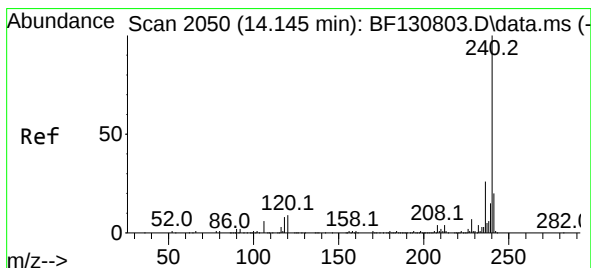
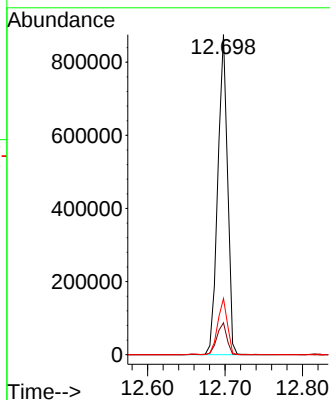
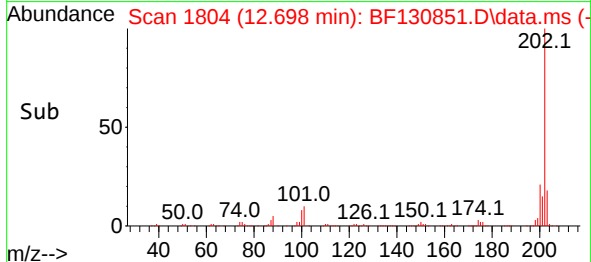
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



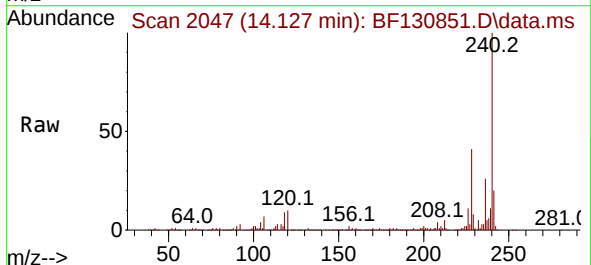
Tgt Ion:202 Resp: 762199
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.9
203 17.6 0.0 37.7

Manual Integrations
APPROVED

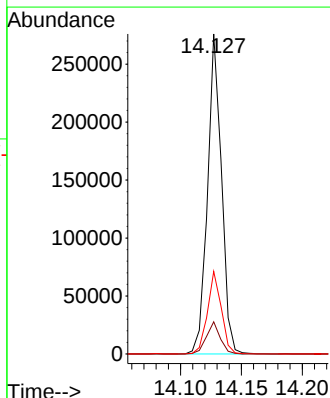
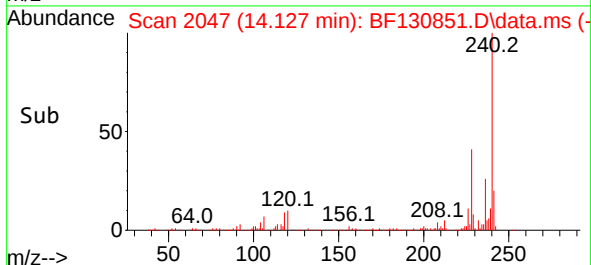
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

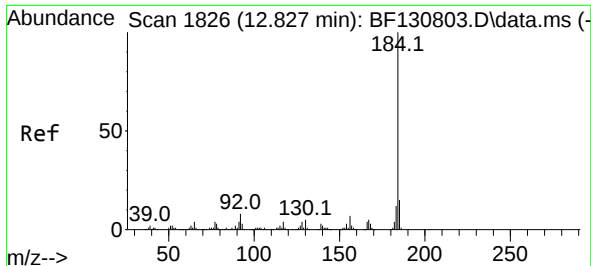


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



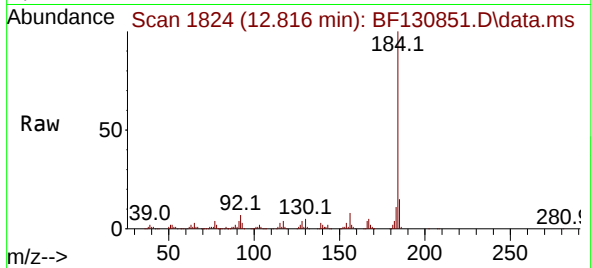
Tgt Ion:240 Resp: 219106
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 25.8 20.5 30.7





#77
Benzidine
Concen: 36.624 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

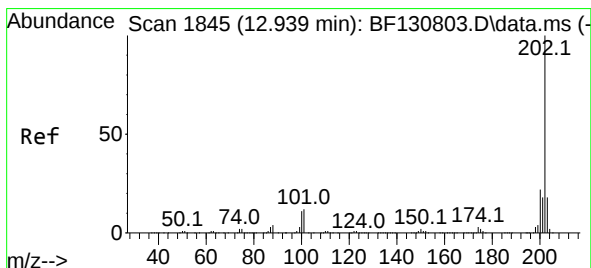
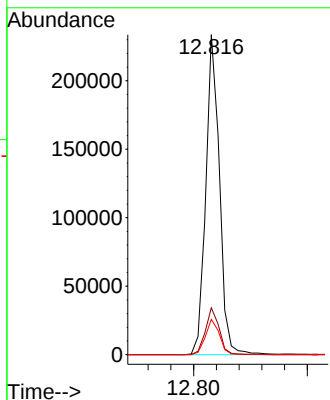
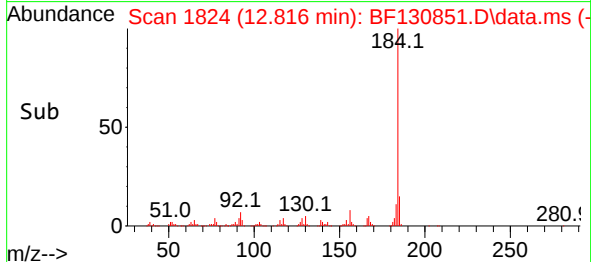
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



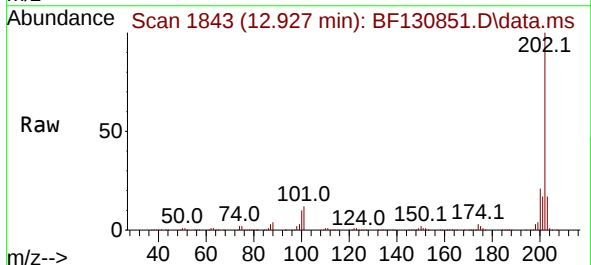
Tgt Ion:184 Resp: 194794
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.1 9.7 14.5

Manual Integrations
APPROVED

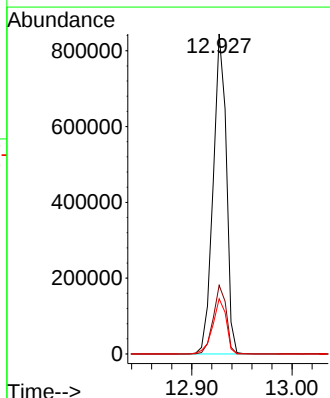
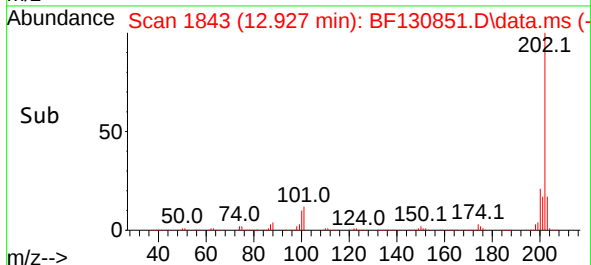
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

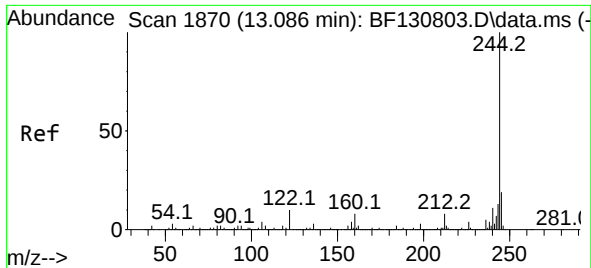


#78
Pyrene
Concen: 41.656 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:202 Resp: 770023
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.3 14.5 21.7





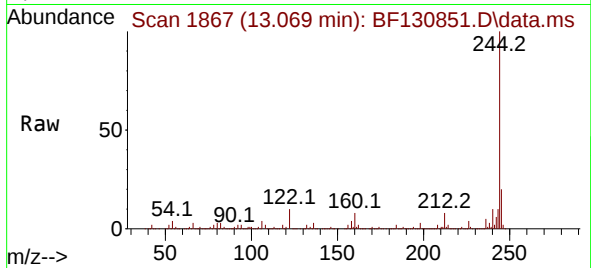
#79
 Terphenyl-d14
 Concen: 84.229 ng
 RT: 13.069 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

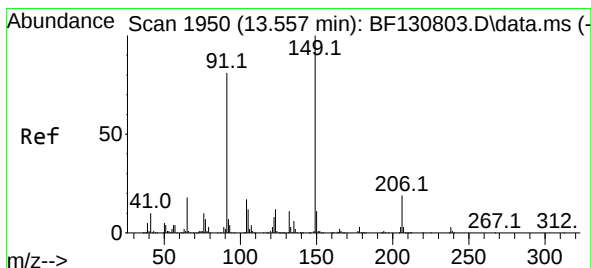
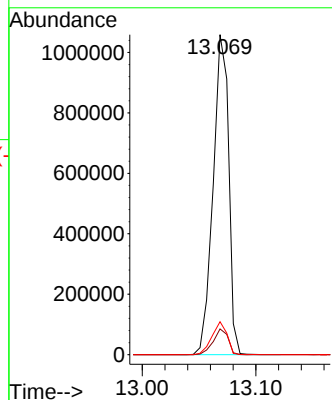
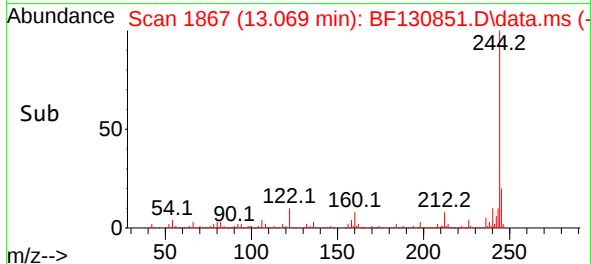


Tgt Ion:244 Resp: 1007129
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 10.3 7.9 11.9

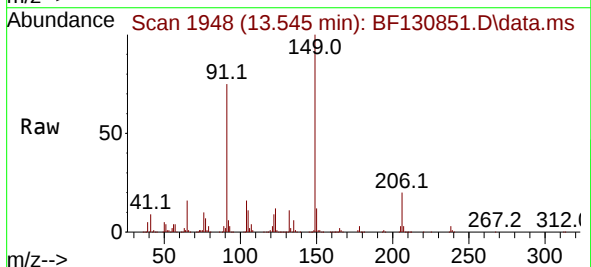
Manual Integrations

APPROVED

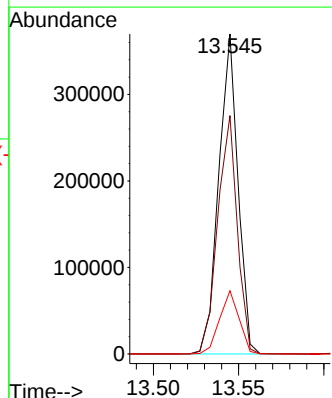
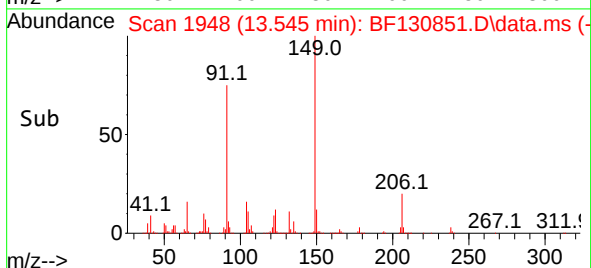
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

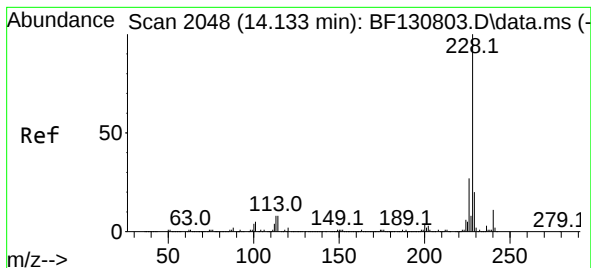


#80
 Butylbenzylphthalate
 Concen: 43.640 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: BF130851.D
 Acq: 29 Oct 2022 12:08



Tgt Ion:149 Resp: 290232
 Ion Ratio Lower Upper
 149 100
 91 74.5 64.5 96.7
 206 19.8 15.3 22.9





#81

Benzo(a)anthracene

Concen: 40.776 ng

RT: 14.115 min Scan# 2045

Delta R.T. -0.006 min

Lab File: BF130851.D

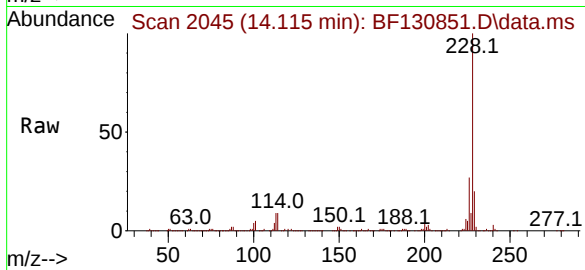
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 59234

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

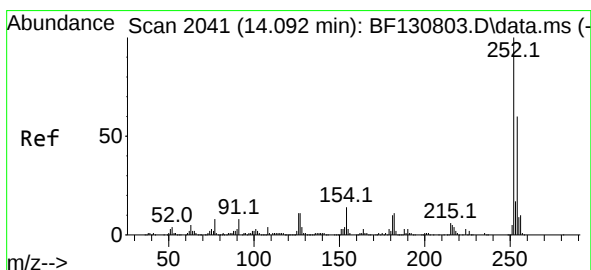
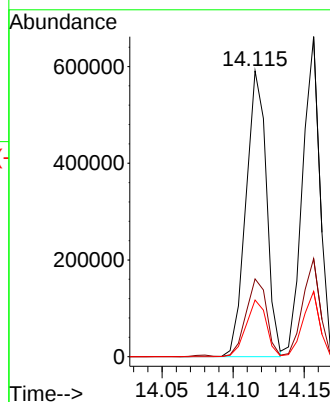
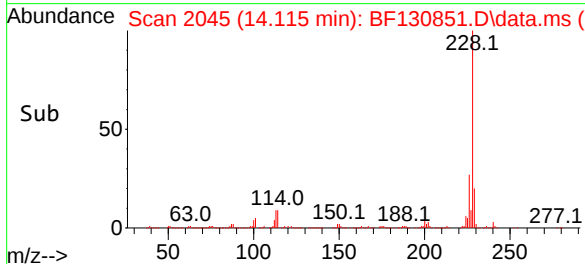
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#82

3,3'-Dichlorobenzidine

Concen: 39.721 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

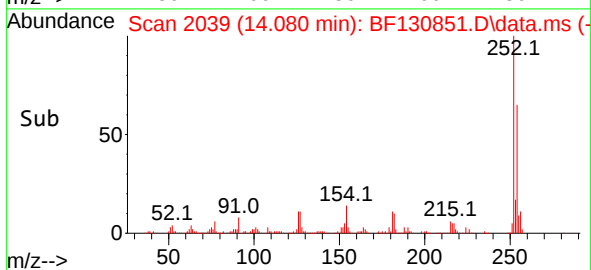
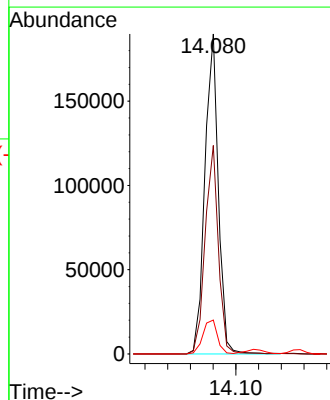
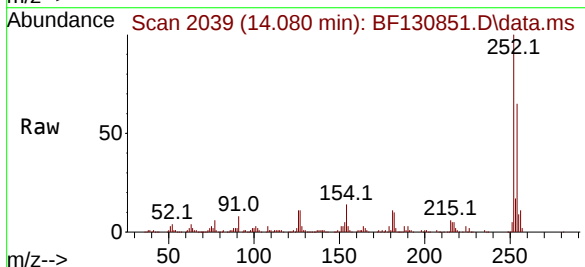
Tgt Ion:252 Resp: 155734

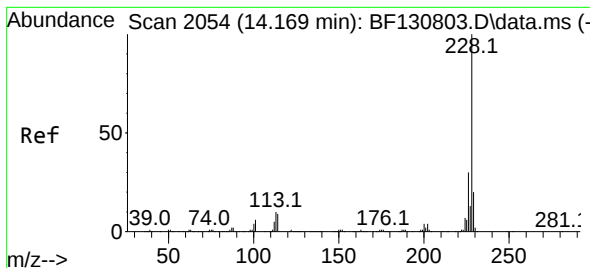
Ion Ratio Lower Upper

252 100

254 65.2 47.8 71.6

126 10.6 9.0 13.6





#83

Chrysene

Concen: 39.990 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

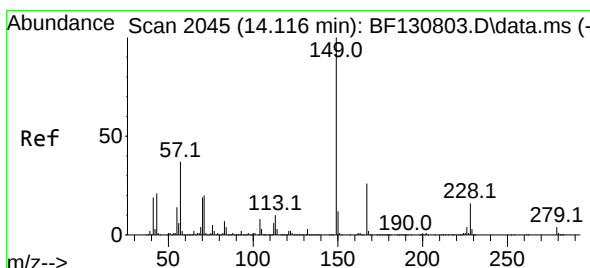
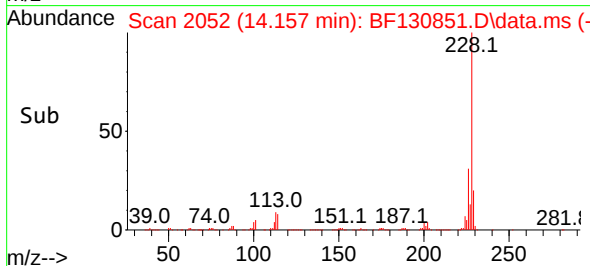
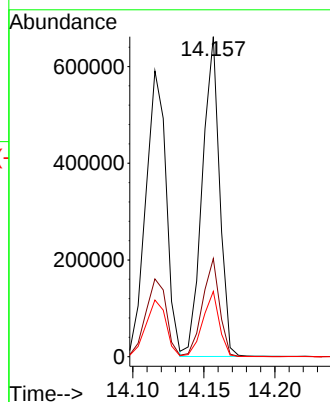
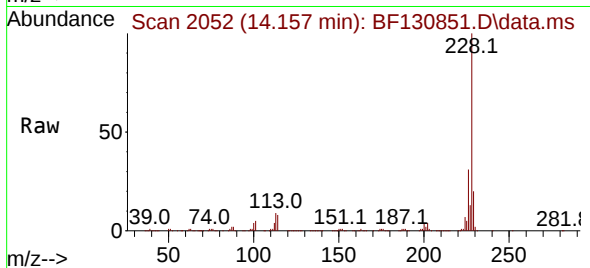
Tgt Ion:228 Resp: 56034

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	20.4	15.8	23.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.726 ng

RT: 14.104 min Scan# 2043

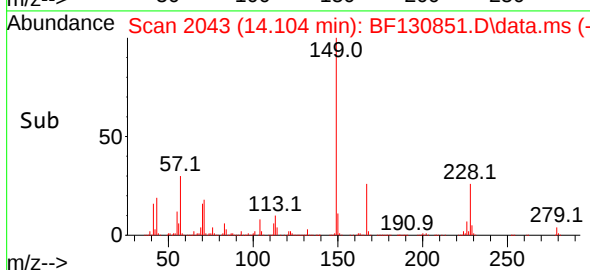
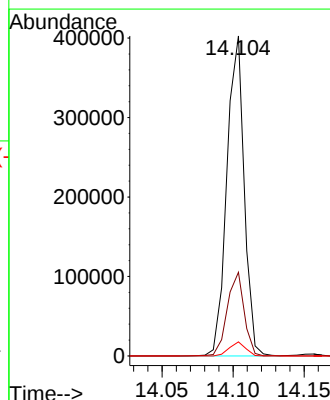
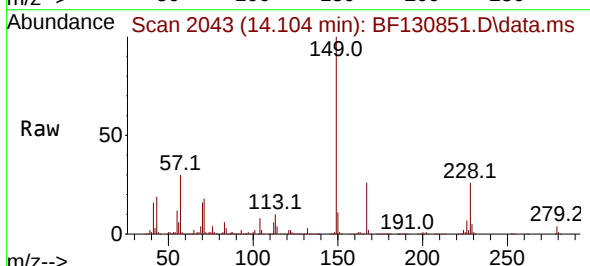
Delta R.T. -0.000 min

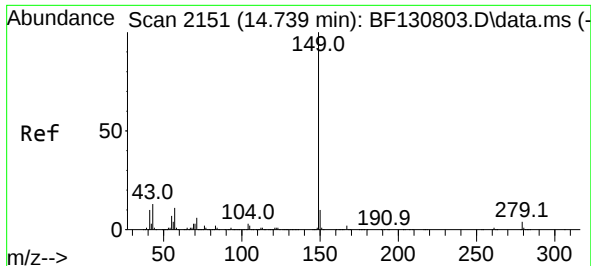
Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Tgt Ion:149 Resp: 341653

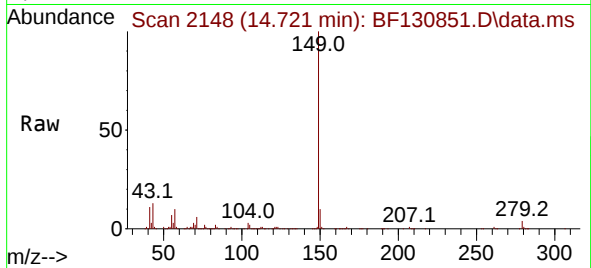
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	4.4	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 39.732 ng
RT: 14.721 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

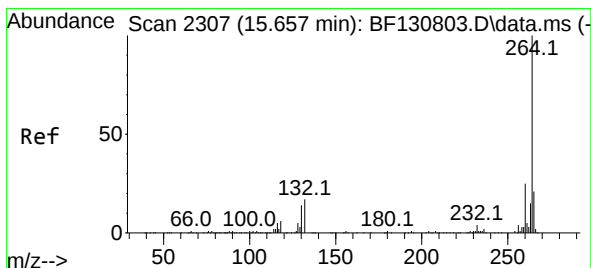
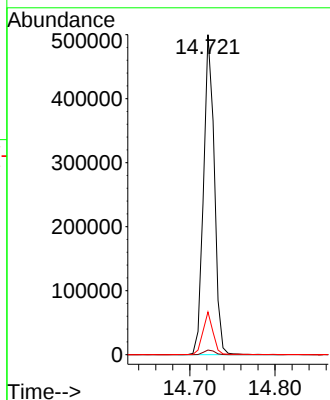
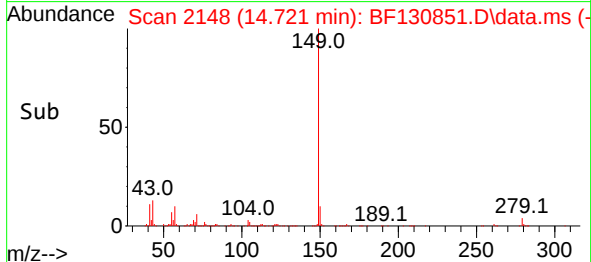
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 438488
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.8 10.2 15.2

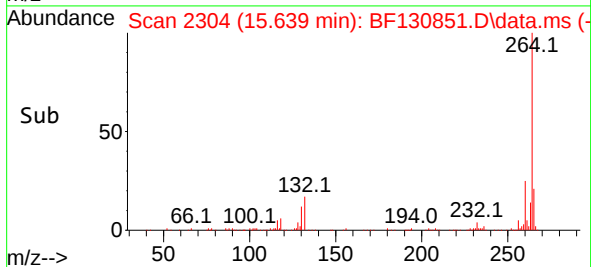
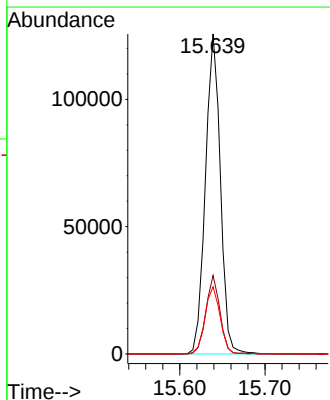
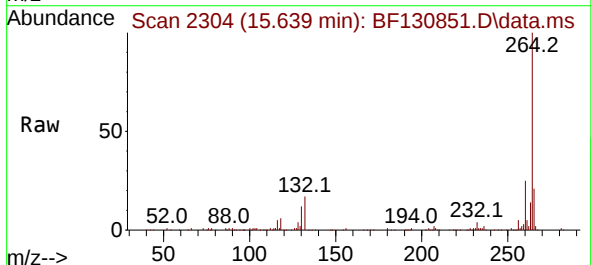
Manual Integrations
APPROVED

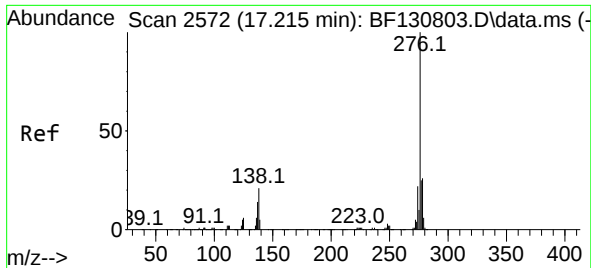
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:264 Resp: 152858
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.649 ng
RT: 17.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

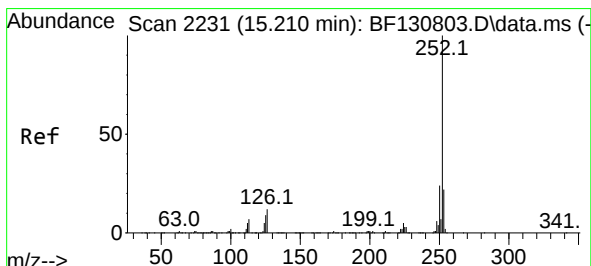
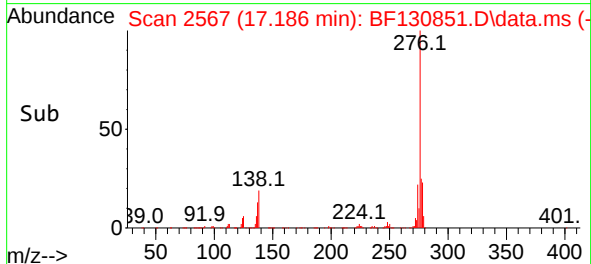
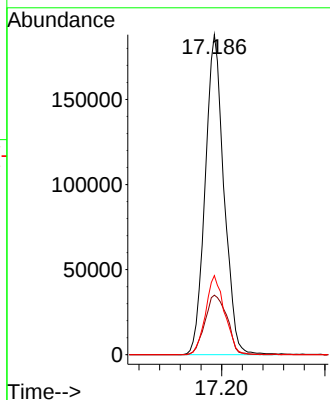
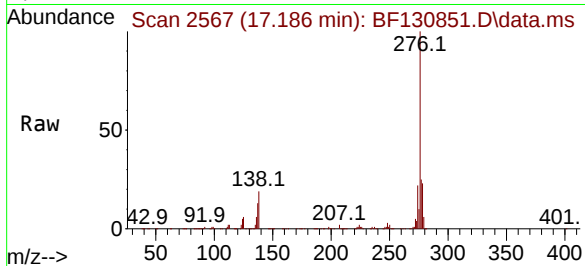
SSTDCCC040

Tgt Ion:276 Resp: 473529
Ion Ratio Lower Upper
276 100
138 22.0 19.1 28.7
277 25.1 20.1 30.1

Manual Integrations

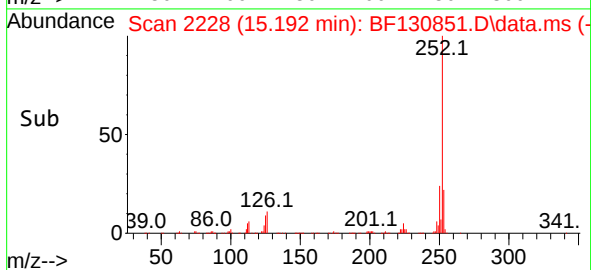
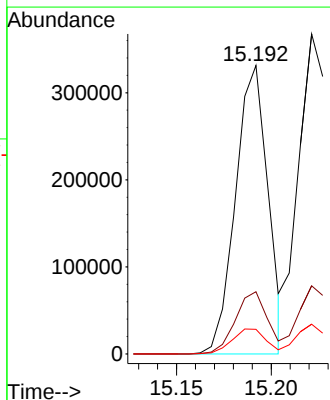
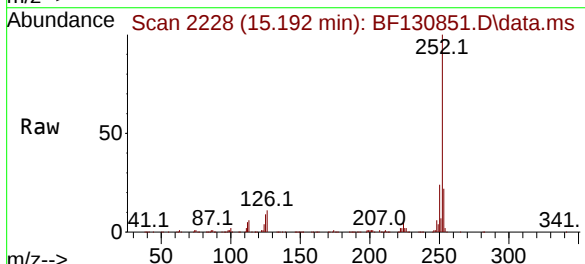
APPROVED

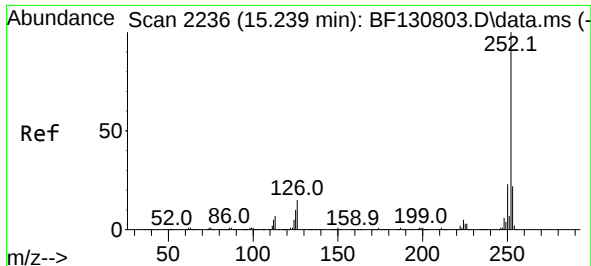
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 39.874 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Tgt Ion:252 Resp: 394008
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 42.130 ng

RT: 15.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 40565

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

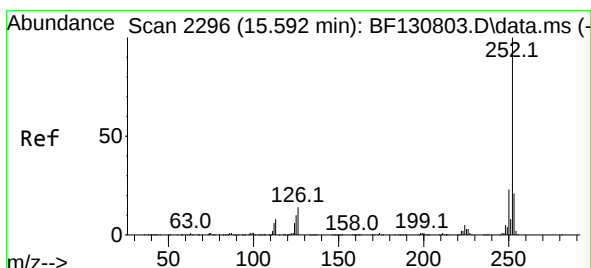
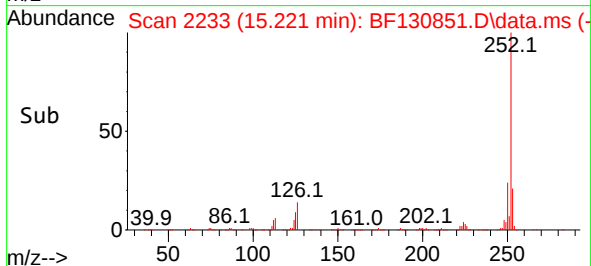
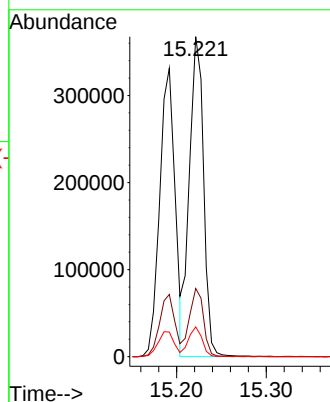
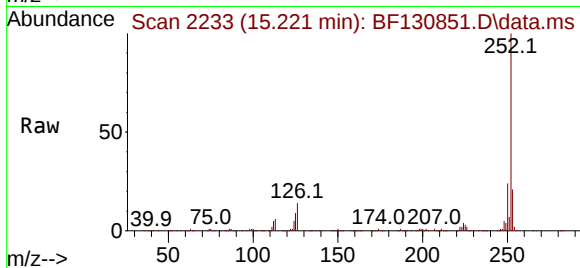
125 9.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#90

Benzo(a)pyrene

Concen: 41.119 ng

RT: 15.574 min Scan# 2293

Delta R.T. -0.006 min

Lab File: BF130851.D

Acq: 29 Oct 2022 12:08

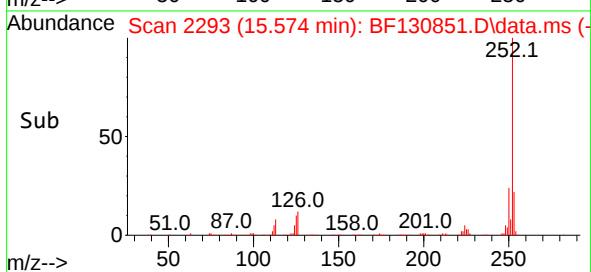
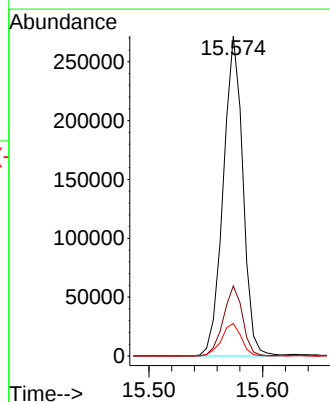
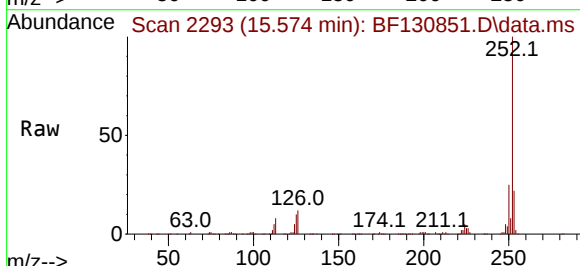
Tgt Ion:252 Resp: 326616

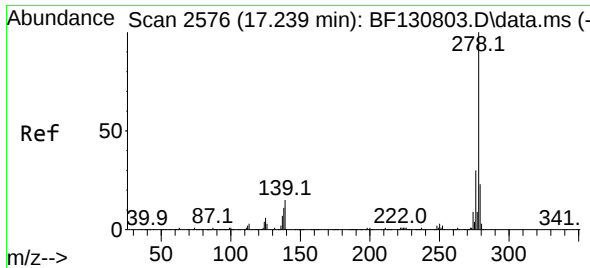
Ion Ratio Lower Upper

252 100

253 21.9 16.8 25.2

125 10.2 8.3 12.5





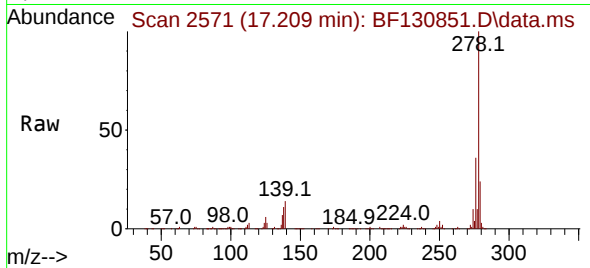
#91
Dibenzo(a,h)anthracene
Concen: 47.202 ng
RT: 17.209 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

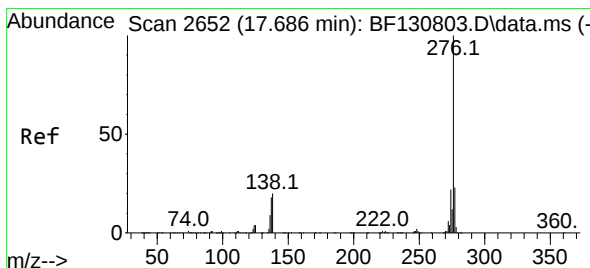
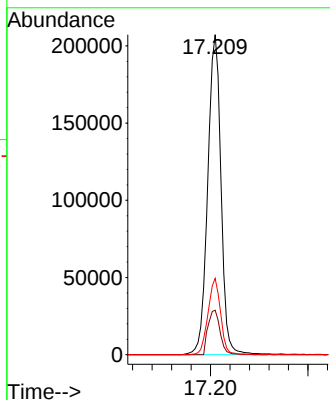
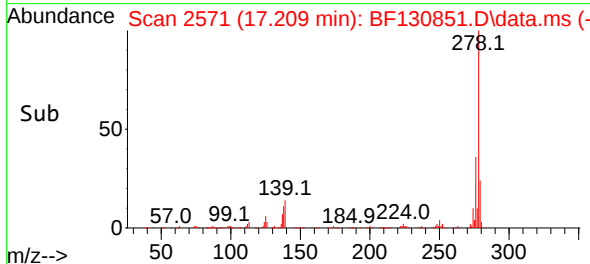


Tgt Ion:278 Resp: 390598
Ion Ratio Lower Upper
278 100
139 13.9 11.9 17.9
279 23.9 18.6 28.0

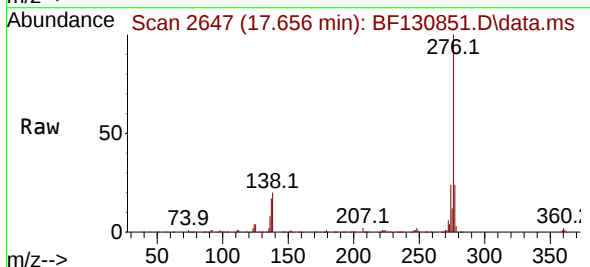
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.341 ng
RT: 17.656 min Scan# 2647
Delta R.T. -0.012 min
Lab File: BF130851.D
Acq: 29 Oct 2022 12:08



Tgt Ion:276 Resp: 399668
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 19.9 16.3 24.5

