

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126631.D
 Acq On : 24 Jan 2022 11:45
 Operator : CG/JU
 Sample : PB142179BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142179BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2022
 Supervised By : Jagrut Upadhyay 01/25/2022

Quant Time: Jan 24 13:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123628	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	495969	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	270063	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	460757	20.000	ng	0.00
76) Chrysene-d12	14.151	240	358786	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	270138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1060537	112.884	ng	0.01
7) Phenol-d6	6.587	99	1463988	112.156	ng	0.00
23) Nitrobenzene-d5	7.534	82	1078852	85.141	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	312825	123.775	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1322071	74.973	ng	0.00
79) Terphenyl-d14	13.092	244	1546834	72.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	152797	32.999	ng	90
3) Pyridine	3.651	79	373067	28.762	ng	# 81
4) n-Nitrosodimethylamine	3.616	42	188109	40.988	ng	84
6) Aniline	6.628	93	436879	26.709	ng	98
8) 2-Chlorophenol	6.751	128	369596	42.891	ng	96
9) Benzaldehyde	6.516	77	325313	40.067	ng	81
10) Phenol	6.598	94	589982	42.496	ng	92
11) bis(2-Chloroethyl)ether	6.698	93	474302	42.100	ng	97
12) 1,3-Dichlorobenzene	6.904	146	384538	40.197	ng	# 91
13) 1,4-Dichlorobenzene	6.981	146	387254	40.087	ng	94
14) 1,2-Dichlorobenzene	7.134	146	375622	41.244	ng	96
15) Benzyl Alcohol	7.104	79	477820	41.059	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	516148	40.157	ng	81
17) 2-Methylphenol	7.204	107	361336	42.651	ng	# 89
18) Hexachloroethane	7.481	117	158483	40.631	ng	# 91
19) n-Nitroso-di-n-propyla...	7.375	70	385699	40.486	ng	# 86
20) 3+4-Methylphenols	7.357	107	444954	40.506	ng	# 81
22) Acetophenone	7.375	105	619518	40.532	ng	# 90
24) Nitrobenzene	7.551	77	585004	44.722	ng	# 86
25) Isophorone	7.786	82	987017	40.165	ng	# 93
26) 2-Nitrophenol	7.863	139	172987	50.695	ng	# 68
27) 2,4-Dimethylphenol	7.892	122	350365	43.267	ng	84
28) bis(2-Chloroethoxy)met...	7.992	93	588719	38.412	ng	# 97
29) 2,4-Dichlorophenol	8.098	162	313712	40.840	ng	96
30) 1,2,4-Trichlorobenzene	8.186	180	323175	39.232	ng	99
31) Naphthalene	8.275	128	1063973	39.711	ng	100
32) Benzoic acid	8.010	122	236858	51.563	ng	# 71
33) 4-Chloroaniline	8.310	127	106171	9.918	ng	# 87
34) Hexachlorobutadiene	8.380	225	204049	38.941	ng	98
35) Caprolactam	8.692	113	115527m	42.115	ng	
36) 4-Chloro-3-methylphenol	8.792	107	413619	41.176	ng	# 85
37) 2-Methylnaphthalene	8.963	142	680756	40.855	ng	96
38) 1-Methylnaphthalene	9.063	142	628471	38.913	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	315063	41.594	ng	97
41) Hexachlorocyclopentadiene	9.116	237	420763	91.234	ng	94
43) 2,4,6-Trichlorophenol	9.233	196	216923	40.172	ng	97

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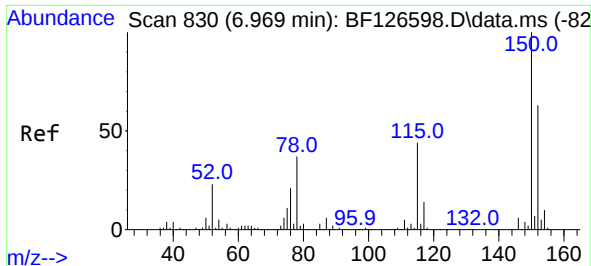
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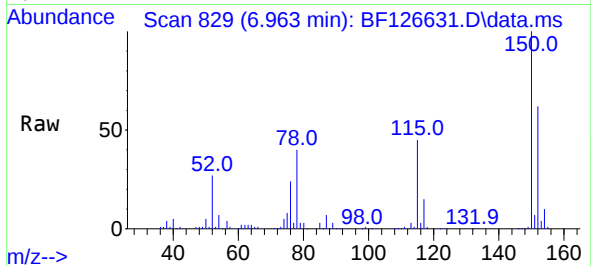
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	227439	40.668	ng	92
46) 1,1'-Biphenyl	9.428	154	836543	41.116	ng	97
47) 2-Chloronaphthalene	9.457	162	642451	40.191	ng	99
48) 2-Nitroaniline	9.551	65	286589	51.926	ng	91
49) Acenaphthylene	9.875	152	1006274	40.131	ng	98
50) Dimethylphthalate	9.727	163	772111	40.310	ng	99
51) 2,6-Dinitrotoluene	9.792	165	164017	49.554	ng	# 81
52) Acenaphthene	10.045	154	684325	44.641	ng	94
53) 3-Nitroaniline	9.957	138	84490	22.327	ng	# 75
54) 2,4-Dinitrophenol	10.063	184	143710	86.722	ng	# 77
55) Dibenzofuran	10.216	168	904184	39.249	ng	95
56) 4-Nitrophenol	10.116	139	282213	93.653	ng	# 59
57) 2,4-Dinitrotoluene	10.198	165	228353	56.934	ng	98
58) Fluorene	10.563	166	695941	40.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	192307	42.059	ng	88
60) Diethylphthalate	10.427	149	761328	39.985	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	340530	39.201	ng	93
62) 4-Nitroaniline	10.580	138	168057	45.759	ng	# 63
63) Azobenzene	10.710	77	1105329	39.227	ng	90
65) 4,6-Dinitro-2-methylph...	10.598	198	92049	42.766	ng	76
66) n-Nitrosodiphenylamine	10.669	169	609051	39.159	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	207641	39.102	ng	96
68) Hexachlorobenzene	11.104	284	234770	41.438	ng	# 95
69) Atrazine	11.198	200	200715	40.408	ng	93
70) Pentachlorophenol	11.298	266	277324	84.176	ng	98
71) Phenanthrene	11.527	178	1049871	39.883	ng	100
72) Anthracene	11.580	178	1072350	40.602	ng	100
73) Carbazole	11.733	167	957751	38.625	ng	99
74) Di-n-butylphthalate	12.057	149	1164729	38.953	ng	# 98
75) Fluoranthene	12.721	202	1091317	41.973	ng	96
77) Benzidine	12.839	184	277075	22.386	ng	98
78) Pyrene	12.951	202	1111150	38.297	ng	99
80) Butylbenzylphthalate	13.563	149	490549	38.916	ng	87
81) Benzo(a)anthracene	14.145	228	967924	39.691	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	184277	23.003	ng	# 97
83) Chrysene	14.180	228	937652	39.959	ng	97
84) Bis(2-ethylhexyl)phtha...	14.121	149	686468	40.211	ng	99
85) Di-n-octyl phthalate	14.751	149	1096989	41.971	ng	96
87) Indeno(1,2,3-cd)pyrene	17.245	276	684537	41.013	ng	# 88
88) Benzo(b)fluoranthene	15.227	252	840421	46.914	ng	# 93
89) Benzo(k)fluoranthene	15.262	252	728952	41.444	ng	# 94
90) Benzo(a)pyrene	15.615	252	719739	49.380	ng	# 94
91) Dibenzo(a,h)anthracene	17.268	278	574413	41.543	ng	# 93
92) Benzo(g,h,i)perylene	17.727	276	555946	41.005	ng	# 88

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

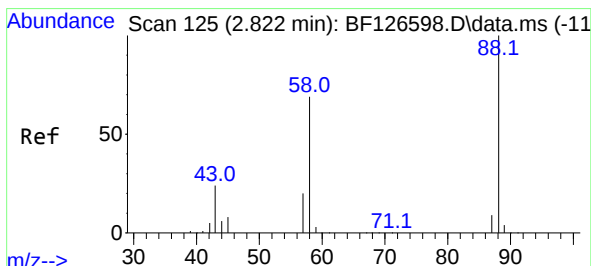
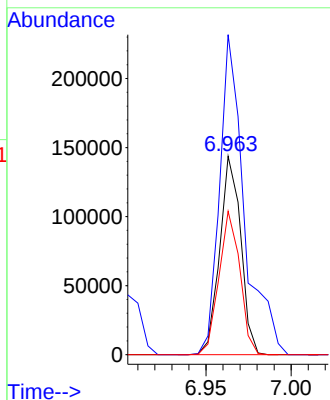
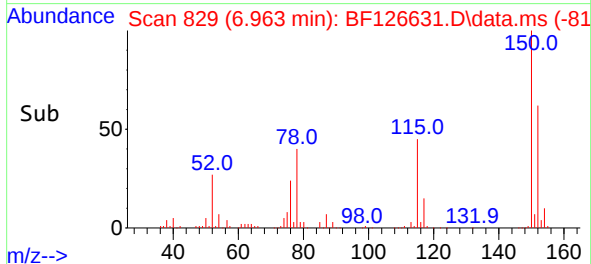
Instrument :
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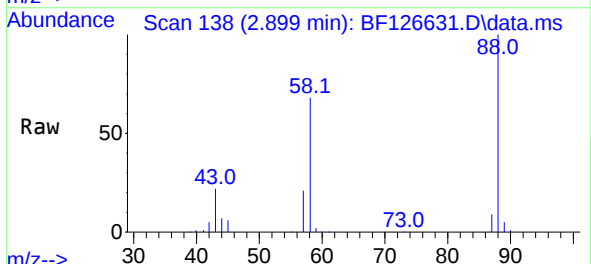
Tgt Ion:152 Resp: 123628
Ion Ratio Lower Upper
152 100
150 161.3 128.1 192.1
115 72.2 56.7 85.1

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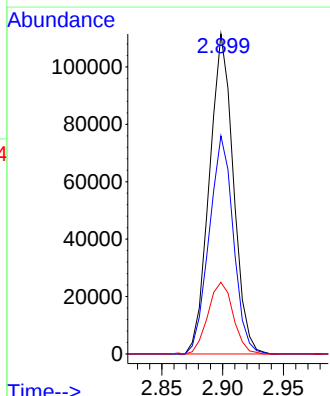
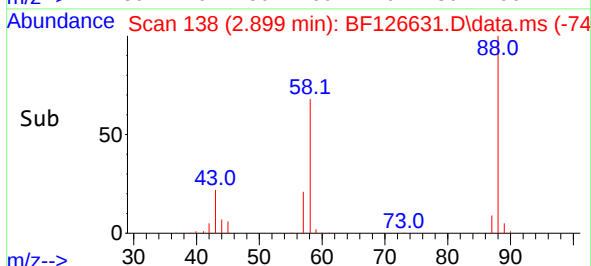
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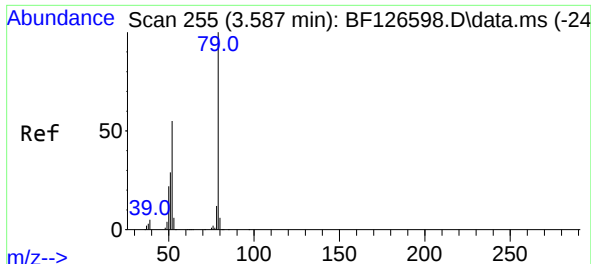


#2
1,4-Dioxane
Concen: 32.999 ng
RT: 2.899 min Scan# 138
Delta R.T. 0.076 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



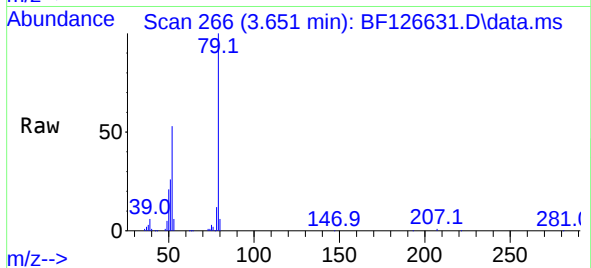
Tgt Ion: 88 Resp: 152797
Ion Ratio Lower Upper
88 100
58 68.7 62.8 94.2
43 23.6 22.3 33.5





#3
Pyridine
Concen: 28.762 ng
RT: 3.651 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

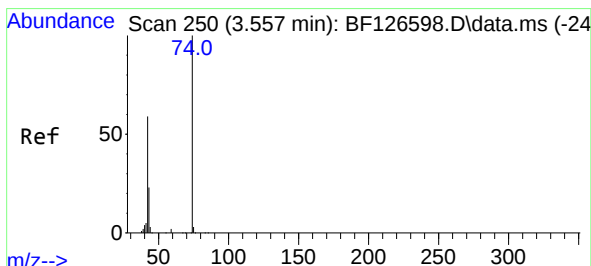
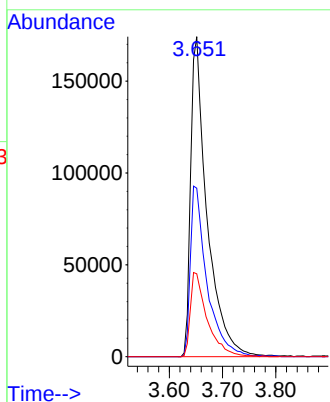
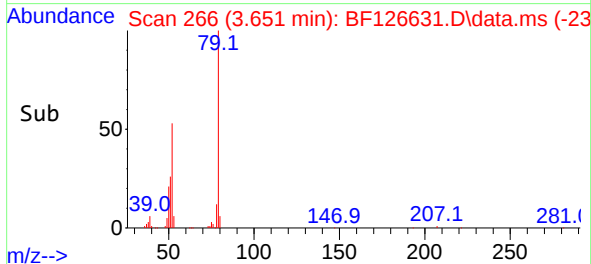
Instrument :
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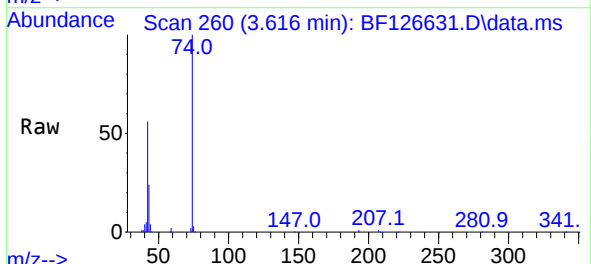
Tgt Ion: 79 Resp: 37306
Ion Ratio Lower Upper
79 100
52 52.7 56.2 84.4
51 25.9 26.7 40.1

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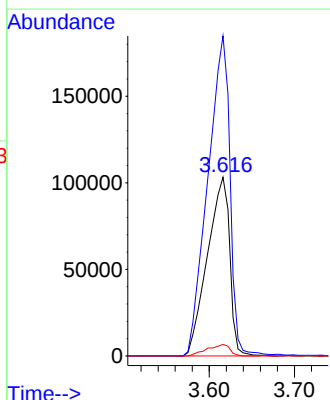
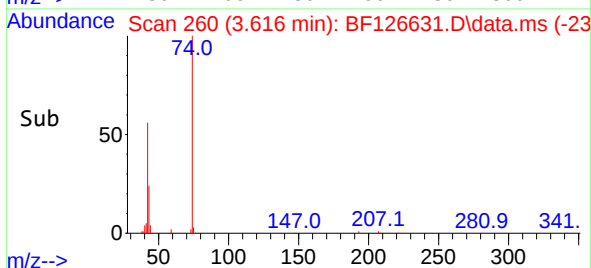
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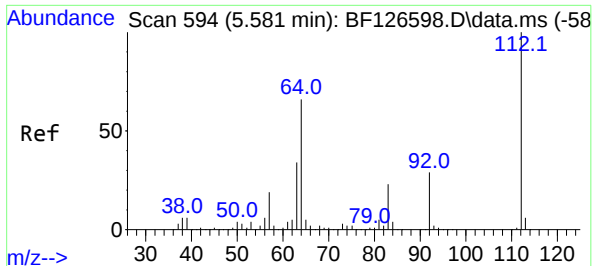


#4
n-Nitrosodimethylamine
Concen: 40.988 ng
RT: 3.616 min Scan# 260
Delta R.T. 0.059 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion: 42 Resp: 188109
Ion Ratio Lower Upper
42 100
74 179.0 125.6 188.4
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 112.884 ng
RT: 5.592 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

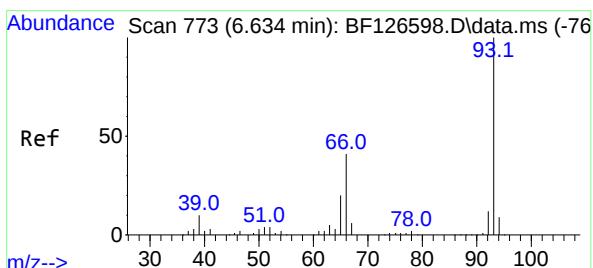
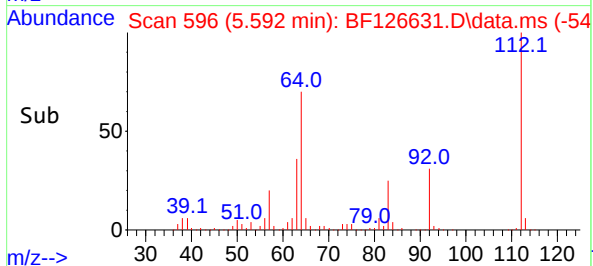
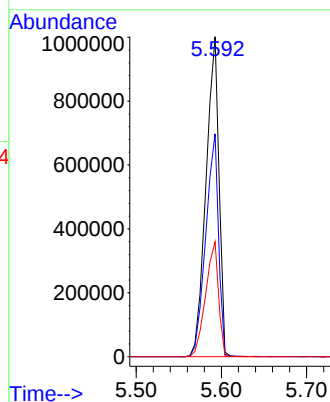
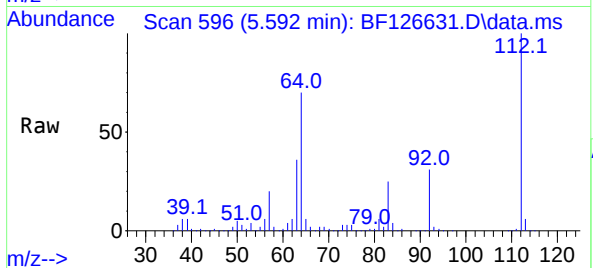
PB142179BS

Tgt Ion:112 Resp: 106053
Ion Ratio Lower Upper
112 100
64 69.6 49.5 74.3
63 35.9 23.9 35.9

Manual Integrations

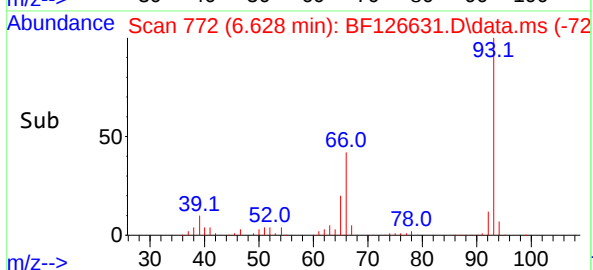
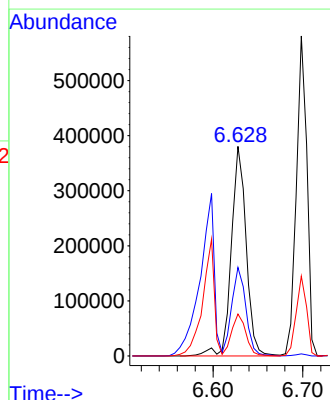
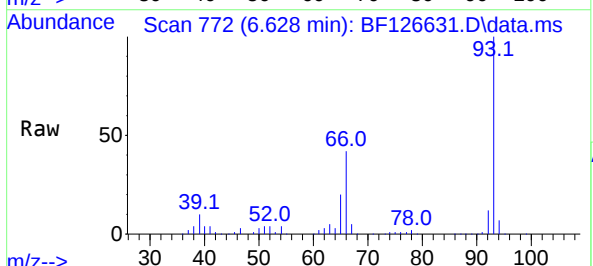
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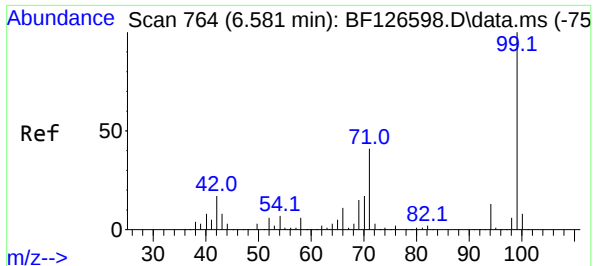
Reviewed By :Christian Giraldo 01/25/2022
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#6
Aniline
Concen: 26.709 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

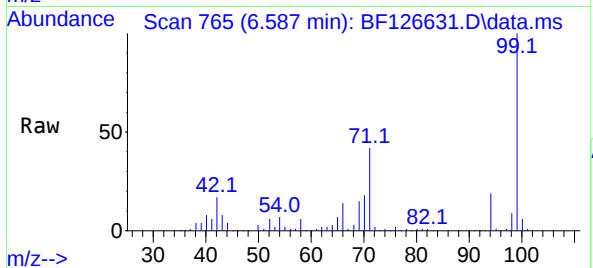
Tgt Ion: 93 Resp: 436879
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.4
65 20.0 16.3 24.5





#7
Phenol-d6
Concen: 112.156 ng
RT: 6.587 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

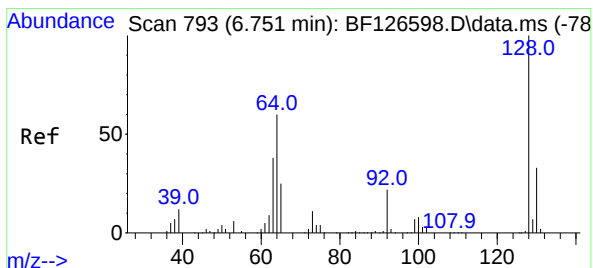
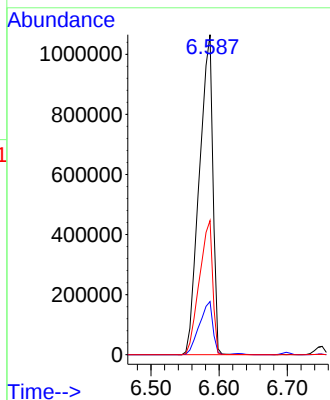
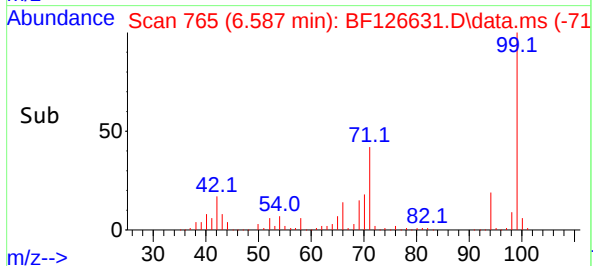
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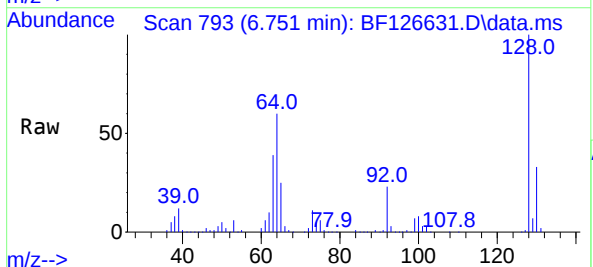
Tgt Ion: 99 Resp: 146398
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.9 24.3 36.5

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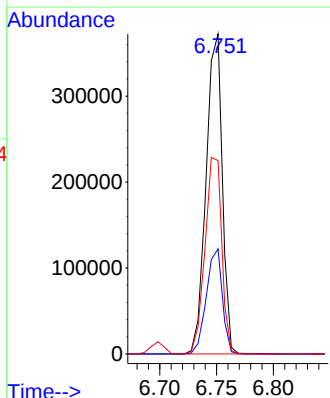
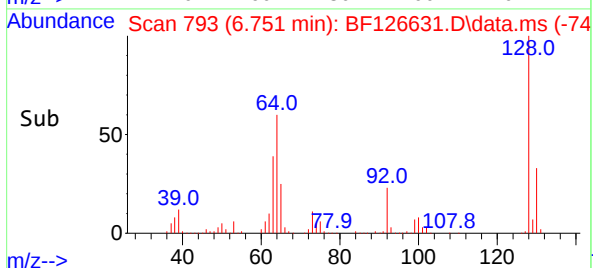
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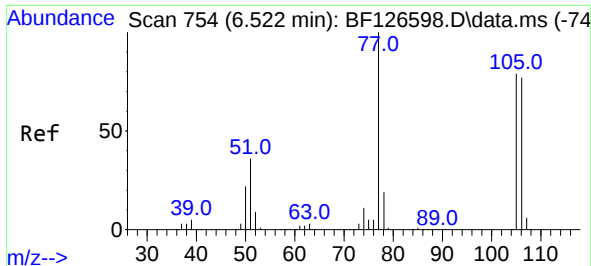


#8
2-Chlorophenol
Concen: 42.891 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:128 Resp: 369596
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 60.5 35.6 75.6





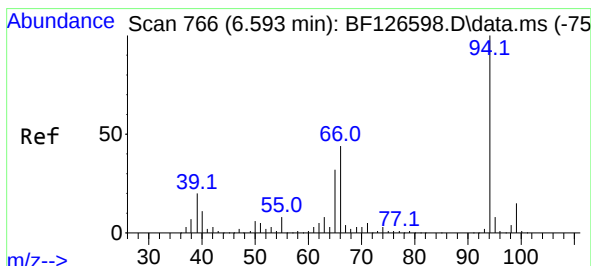
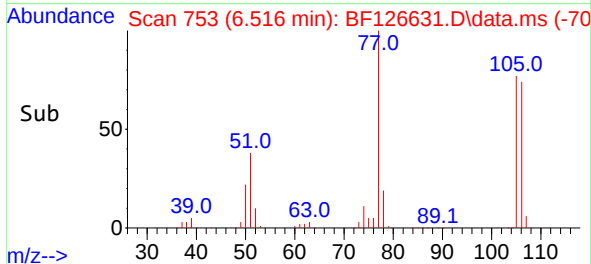
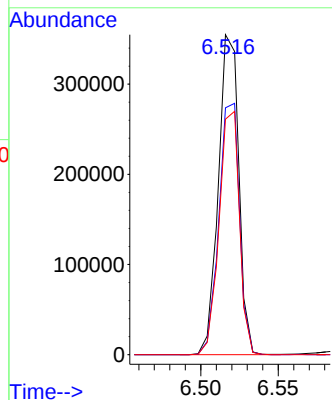
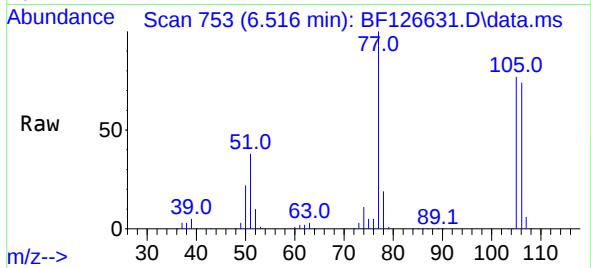
#9
Benzaldehyde
Concen: 40.067 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :
BNA_F
ClientSampleId :
PB142179BS

Tgt Ion: 77 Resp: 32531
Ion Ratio Lower Upper
77 100
105 77.2 74.9 114.9
106 73.6 72.4 112.4

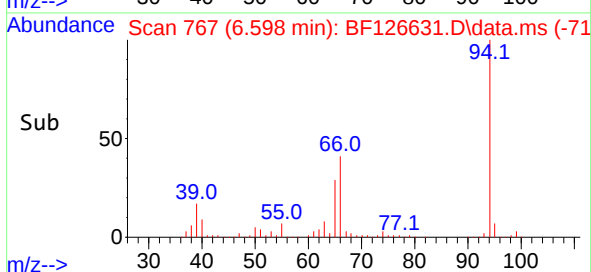
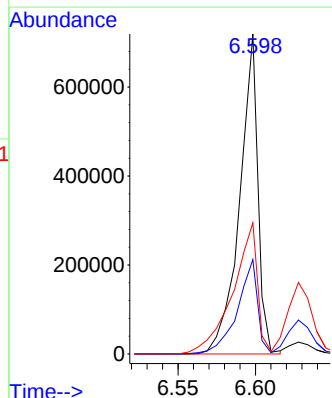
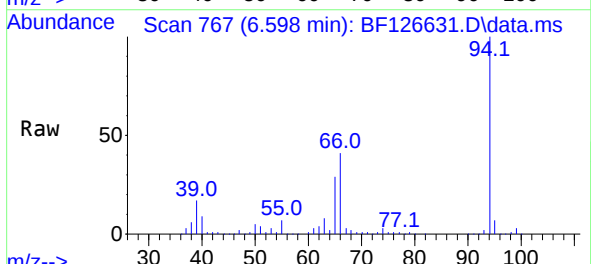
Manual Integrations
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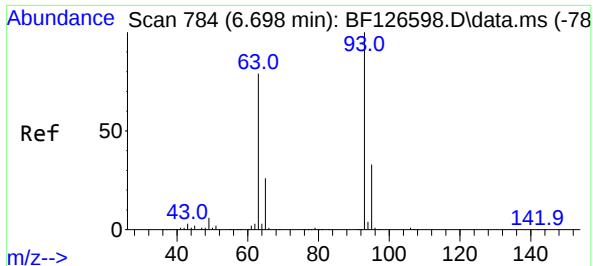
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#10
Phenol
Concen: 42.496 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion: 94 Resp: 589982
Ion Ratio Lower Upper
94 100
65 29.5 7.2 47.2
66 41.0 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 42.100 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

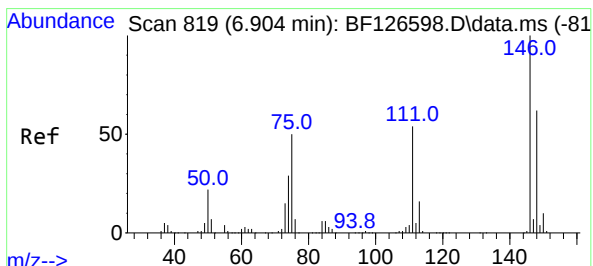
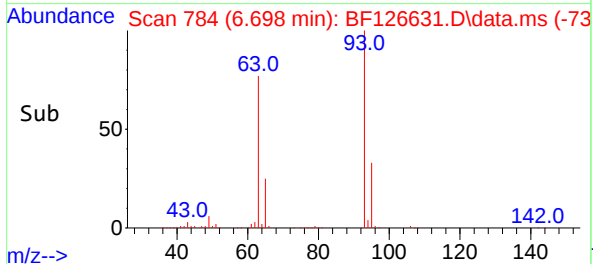
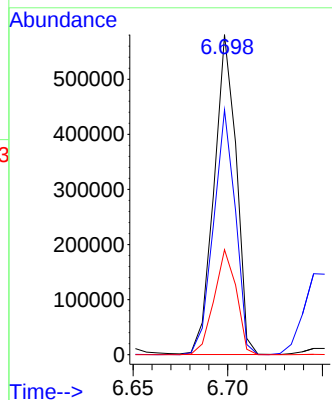
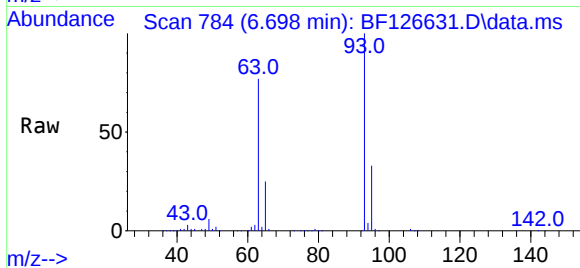
PB142179BS

Tgt Ion: 93 Resp: 474302
Ion Ratio Lower Upper
93 100
63 76.5 60.5 100.5
95 32.8 12.9 52.9

Manual Integrations

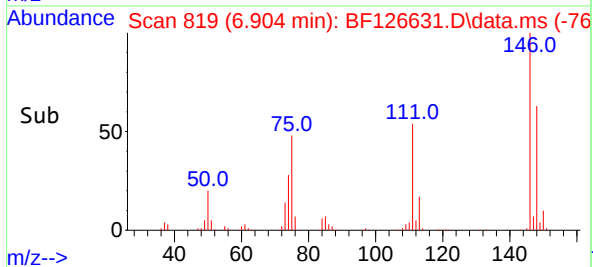
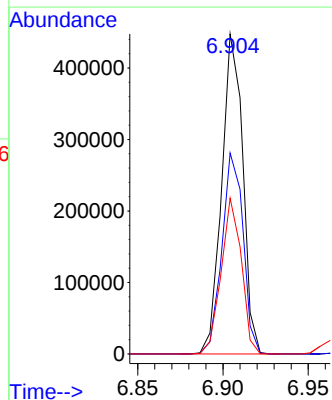
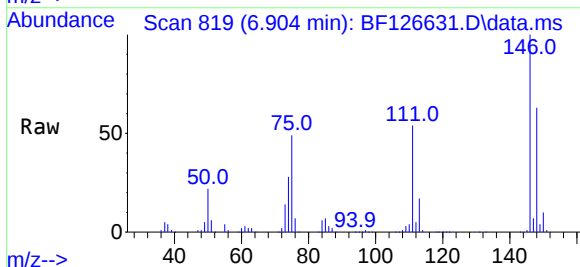
APPROVED

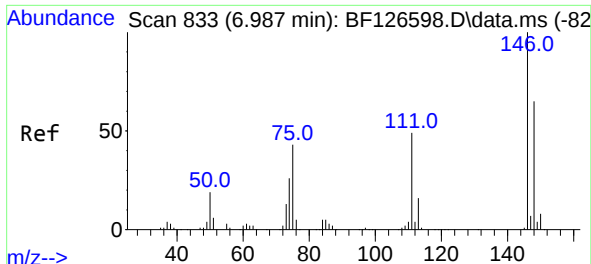
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#12
1,3-Dichlorobenzene
Concen: 40.197 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

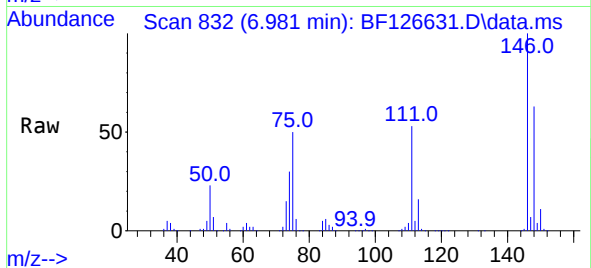
Tgt Ion:146 Resp: 384538
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 48.7 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 40.087 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

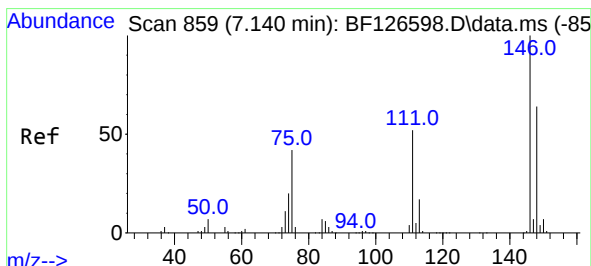
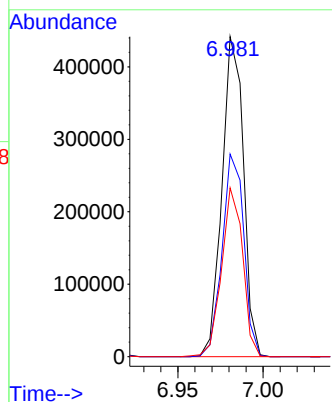
Instrument :
BNA_F
ClientSampleId :
PB142179BS



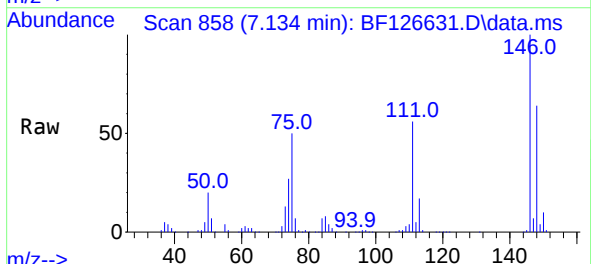
Tgt Ion:146 Resp: 387254
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.6
111 52.7 36.1 54.1

Manual Integrations
APPROVED

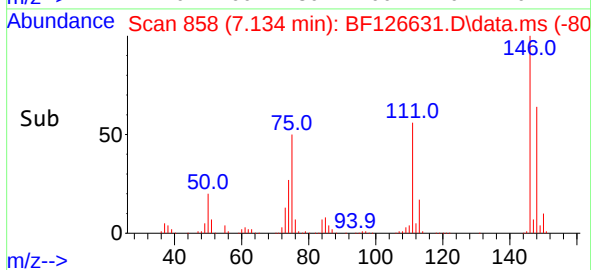
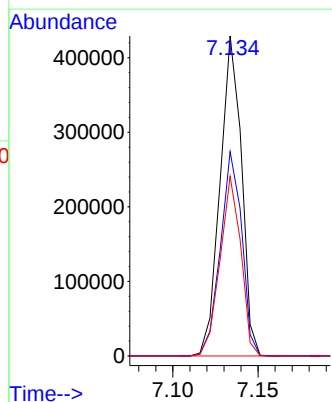
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

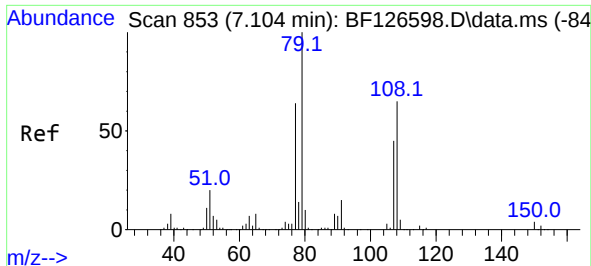


#14
1,2-Dichlorobenzene
Concen: 41.244 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



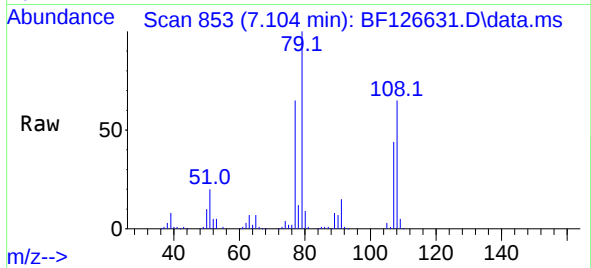
Tgt Ion:146 Resp: 375622
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 56.1 40.2 60.2





#15
Benzyl Alcohol
Concen: 41.059 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

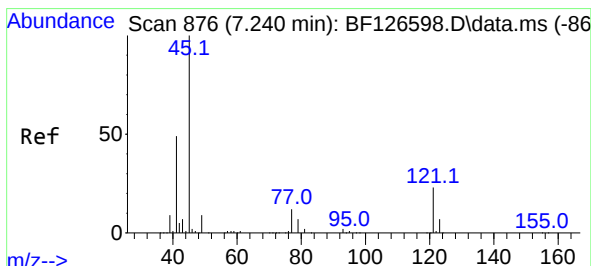
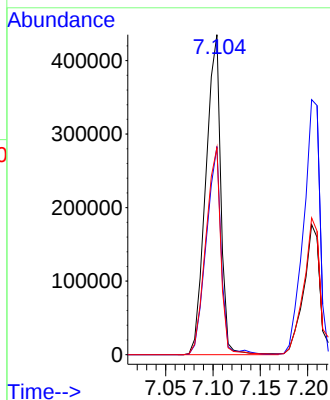
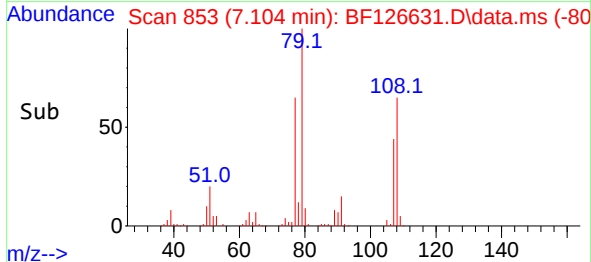
Instrument :
BNA_F
ClientSampleId :
PB142179BS



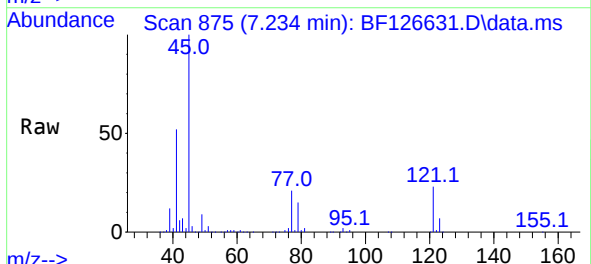
Tgt Ion: 79 Resp: 477820
Ion Ratio Lower Upper
79 100
108 65.0 63.2 94.8
77 64.7 49.4 74.2

Manual Integrations
APPROVED

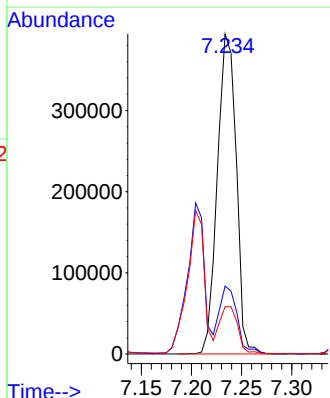
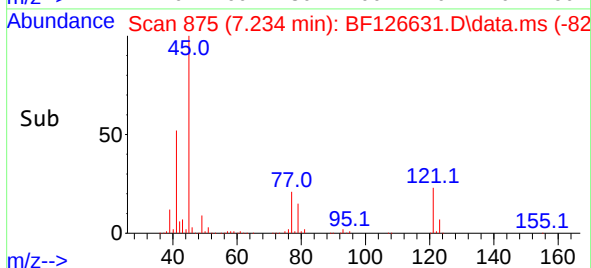
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

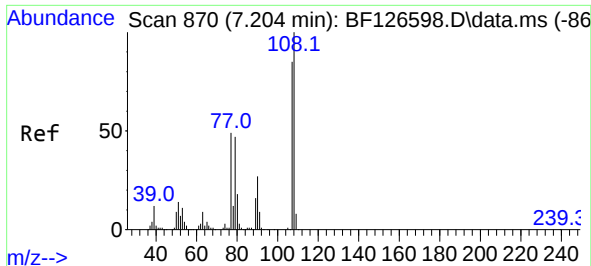


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.157 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



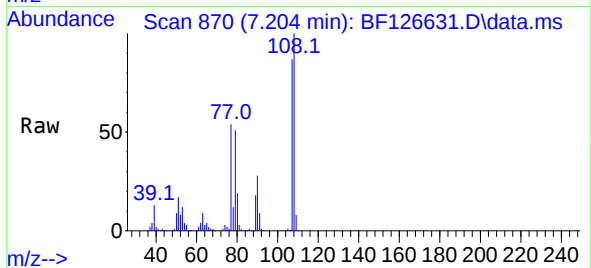
Tgt Ion: 45 Resp: 516148
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.4
79 14.8 0.0 29.8





#17
2-Methylphenol
Concen: 42.651 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

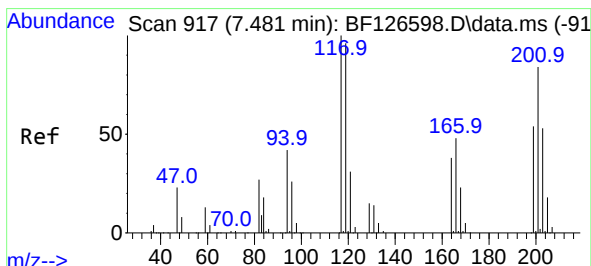
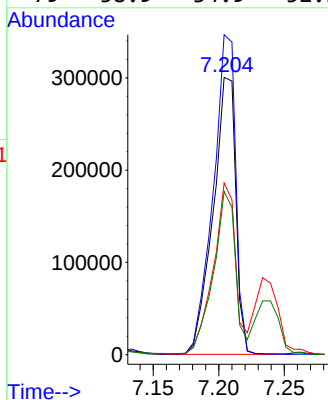
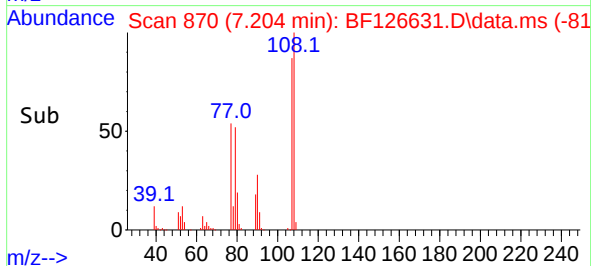
Instrument :
BNA_F
ClientSampleId :
PB142179BS



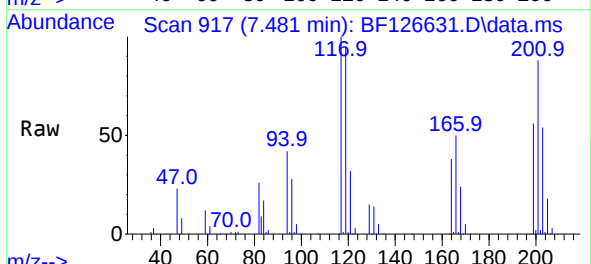
Tgt Ion:107 Resp: 361330
Ion Ratio Lower Upper
107 100
108 115.4 93.4 140.0
77 61.9 36.1 54.1
79 58.9 34.9 52.3#

Manual Integrations
APPROVED

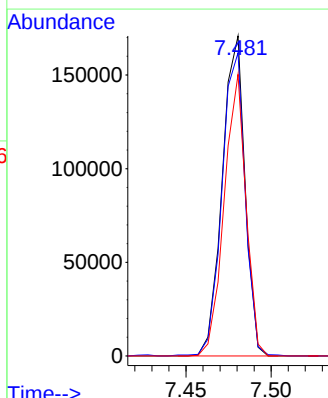
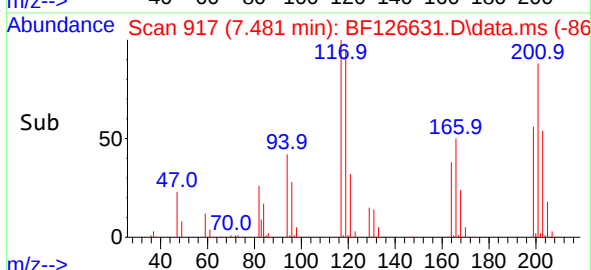
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

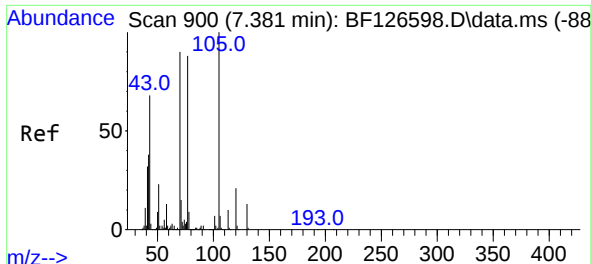


#18
Hexachloroethane
Concen: 40.631 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:117 Resp: 158483
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 88.0 56.8 85.2#





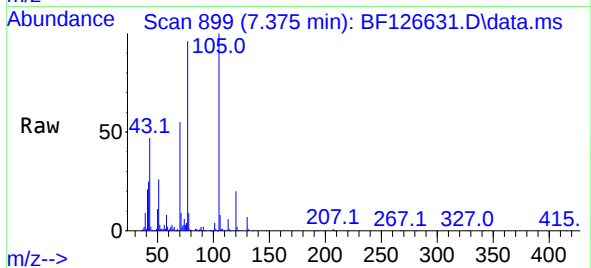
#19
n-Nitroso-di-n-propylamine
Concen: 40.486 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

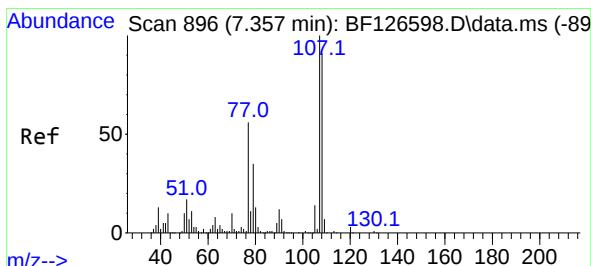
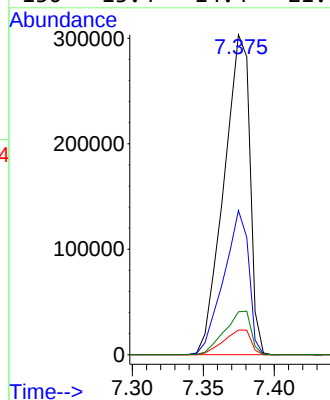


Tgt Ion: 70 Resp: 385699
Ion Ratio Lower Upper
70 100
42 45.1 45.8 68.8
101 7.7 6.9 10.3
130 13.4 14.4 21.6#

Manual Integrations

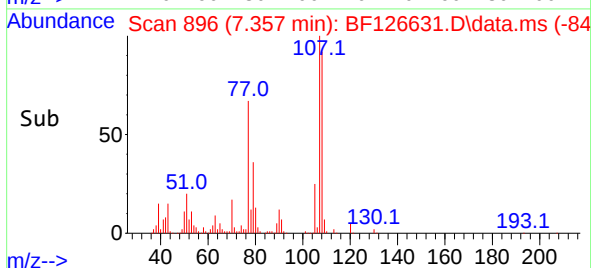
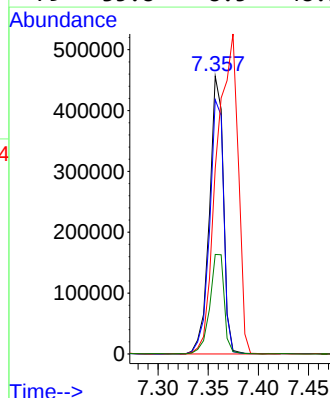
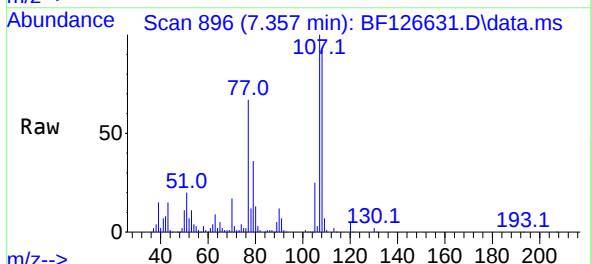
APPROVED

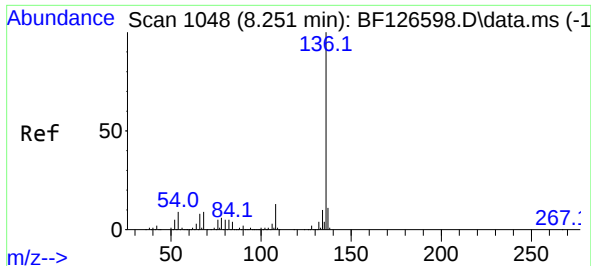
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#20
3+4-Methylphenols
Concen: 40.506 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:107 Resp: 444954
Ion Ratio Lower Upper
107 100
108 91.5 72.4 112.4
77 66.8 83.8 123.8#
79 35.8 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

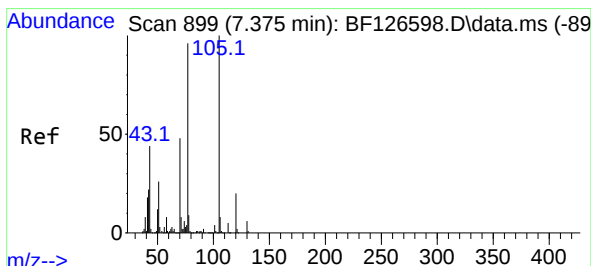
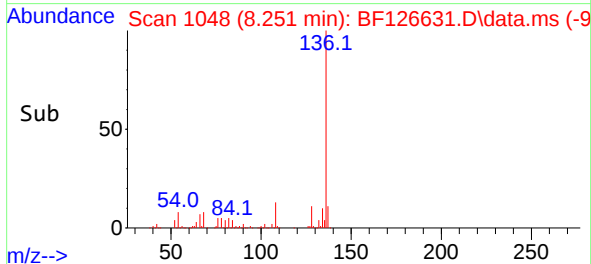
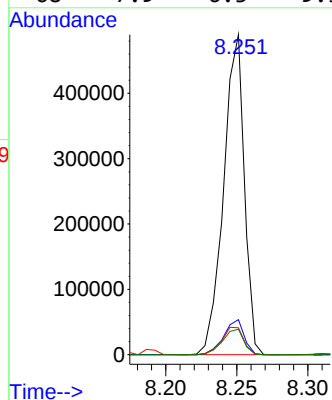
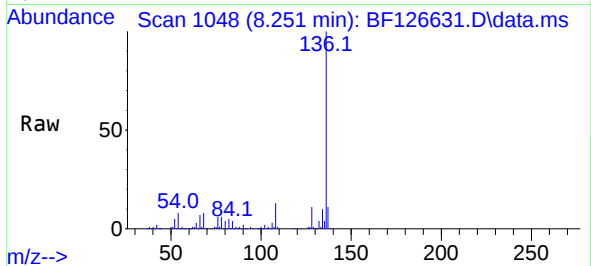
PB142179BS

Tgt Ion:136 Resp: 495969
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.8 11.6
68 7.9 6.3 9.5

Manual Integrations

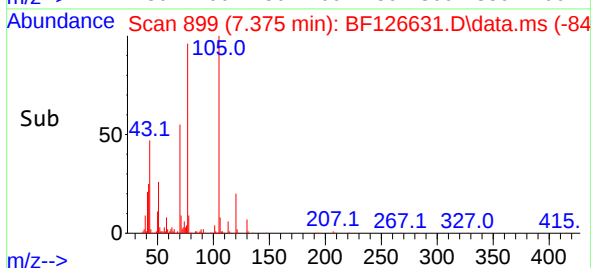
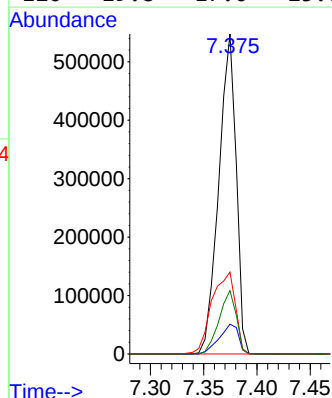
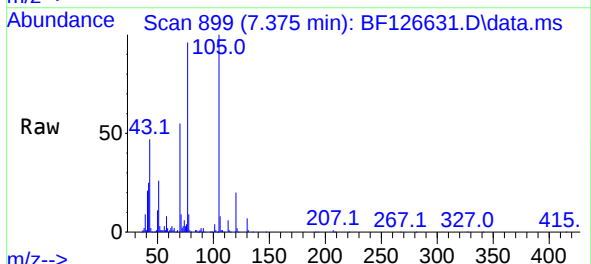
APPROVED

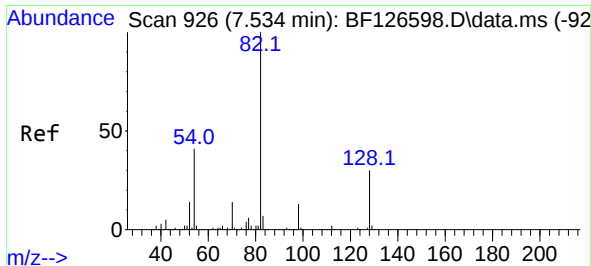
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#22
Acetophenone
Concen: 40.532 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

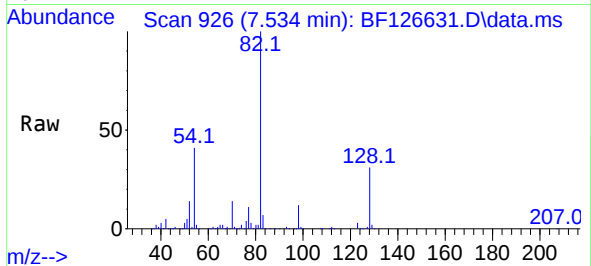
Tgt Ion:105 Resp: 619518
Ion Ratio Lower Upper
105 100
71 9.3 5.4 8.0#
51 25.6 27.4 41.0#
120 19.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 85.141 ng
RT: 7.534 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

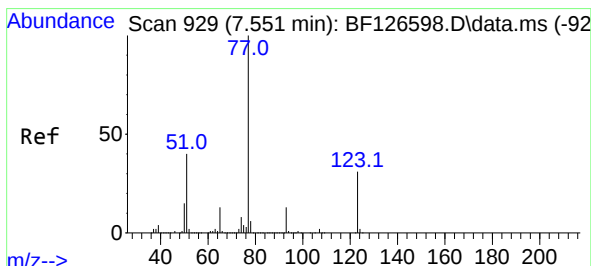
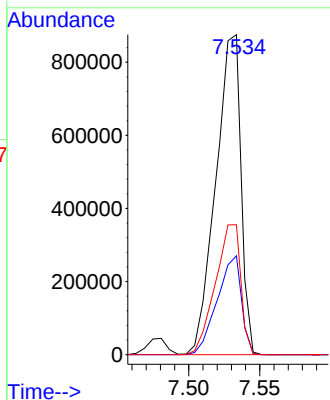
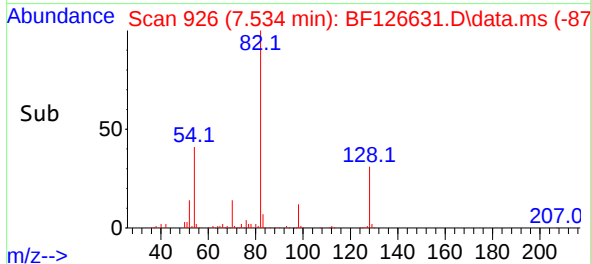
Instrument :
BNA_F
ClientSampleId :
PB142179BS



Tgt Ion: 82 Resp: 107885
Ion Ratio Lower Upper
82 100
128 30.9 32.7 49.1
54 40.6 41.7 62.5

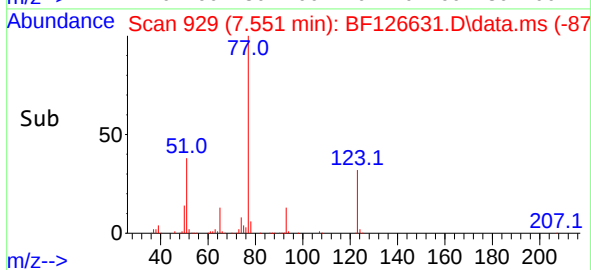
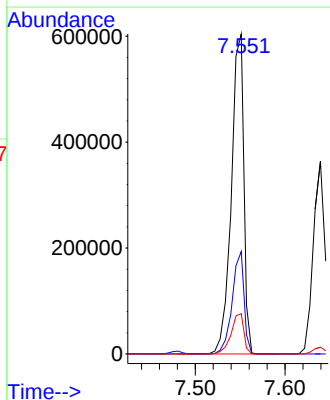
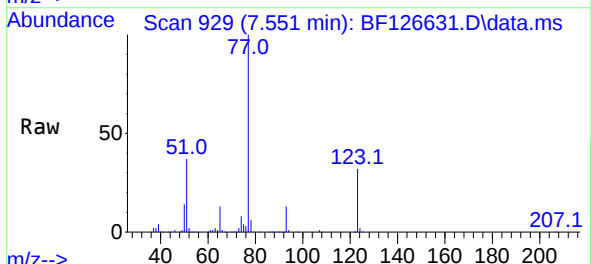
Manual Integrations
APPROVED

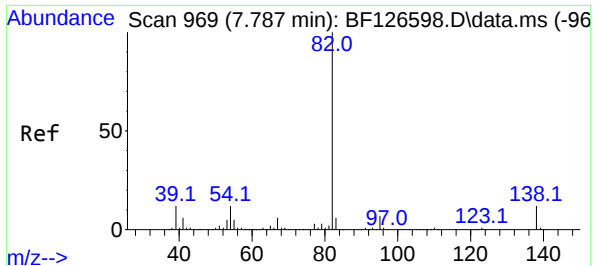
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#24
Nitrobenzene
Concen: 44.722 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion: 77 Resp: 585004
Ion Ratio Lower Upper
77 100
123 32.0 34.6 52.0
65 12.6 10.6 15.8





#25
Isophorone
Concen: 40.165 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

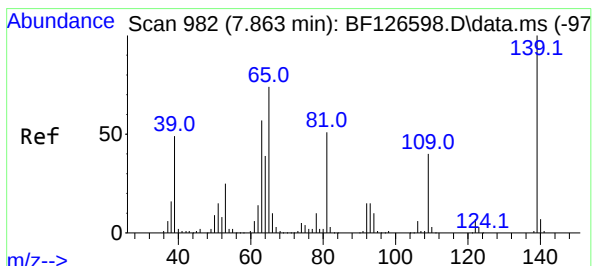
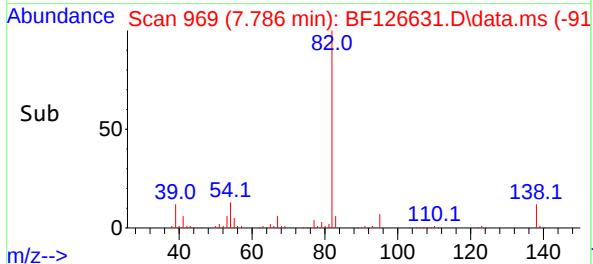
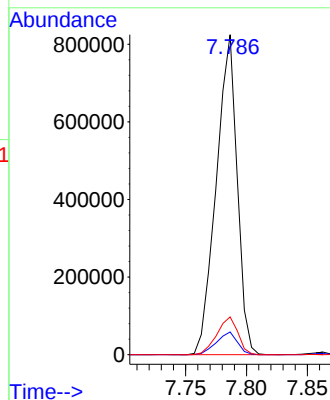
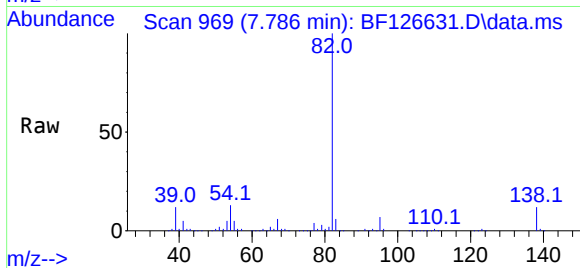
PB142179BS

Tgt Ion: 82 Resp: 98701
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.4
138 11.8 12.3 18.5

Manual Integrations

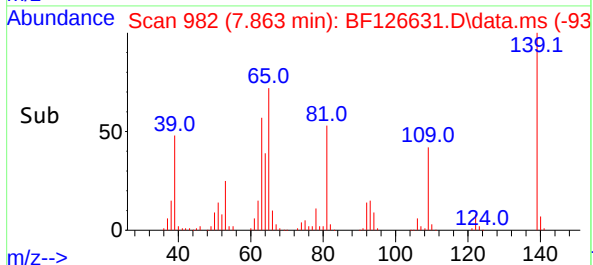
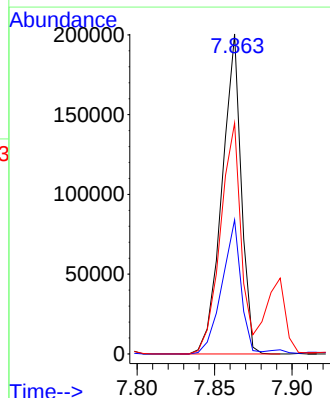
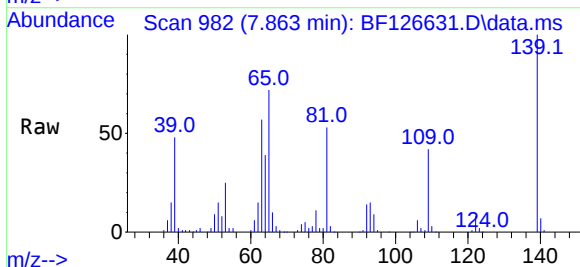
APPROVED

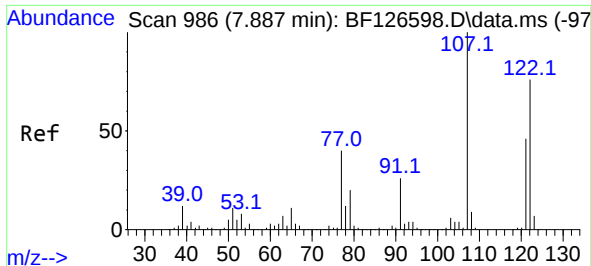
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#26
2-Nitrophenol
Concen: 50.695 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:139 Resp: 172987
Ion Ratio Lower Upper
139 100
109 41.9 20.0 30.0#
65 72.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 43.267 ng

RT: 7.892 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:122 Resp: 35036

Ion Ratio Lower Upper

122 100

107 136.6 91.2 136.8

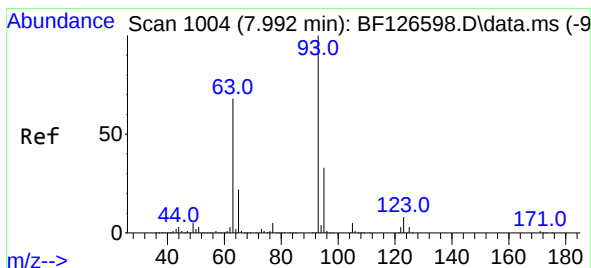
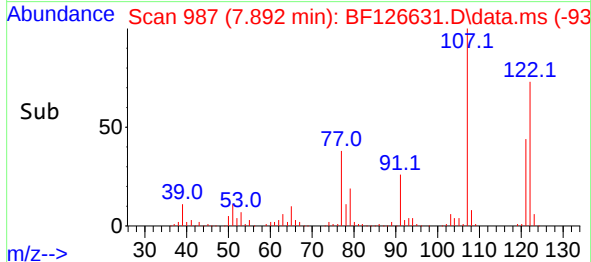
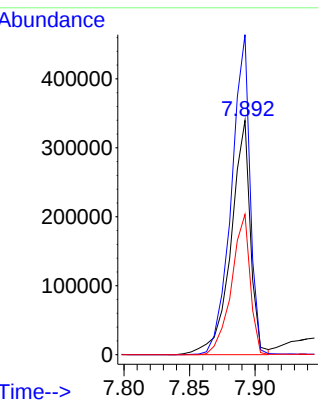
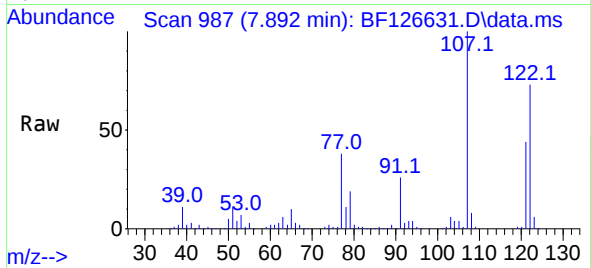
121 59.9 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 38.412 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

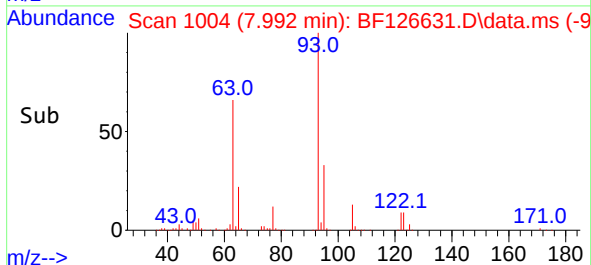
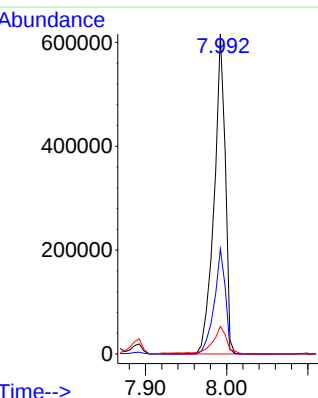
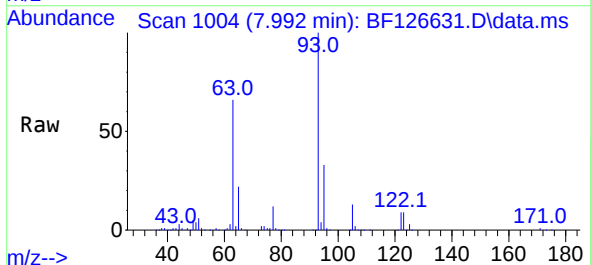
Tgt Ion: 93 Resp: 588719

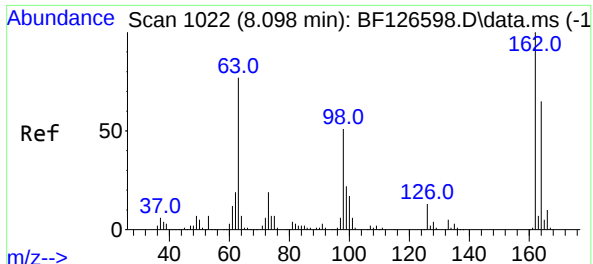
Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

123 8.6 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 40.840 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:162 Resp: 313712

Ion Ratio Lower Upper

162 100

164 62.4 43.8 83.8

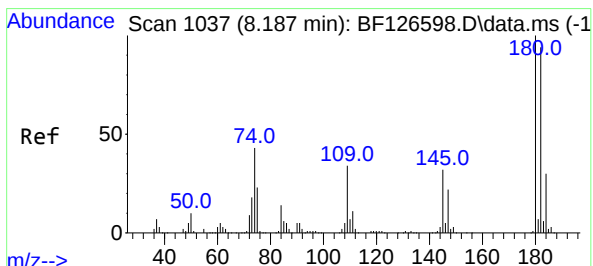
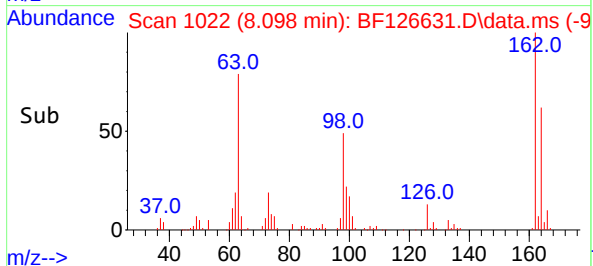
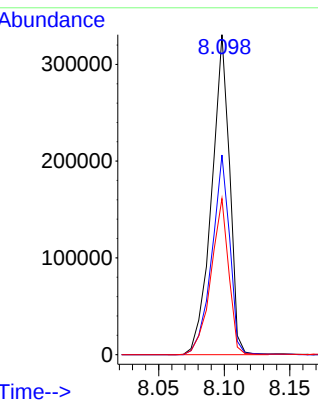
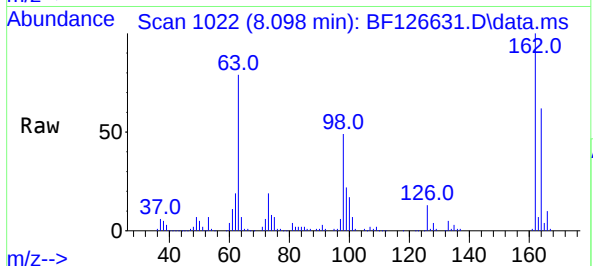
98 48.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.232 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

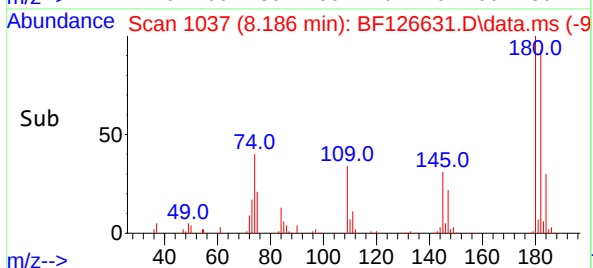
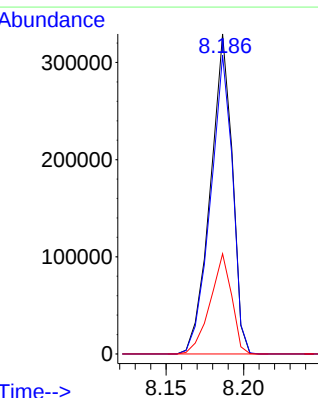
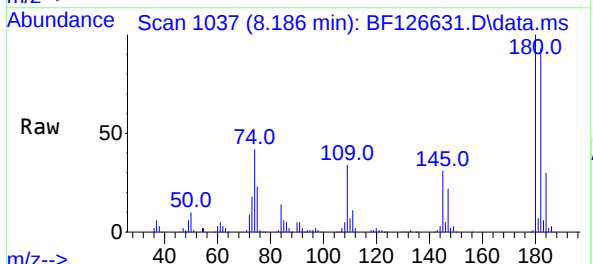
Tgt Ion:180 Resp: 323175

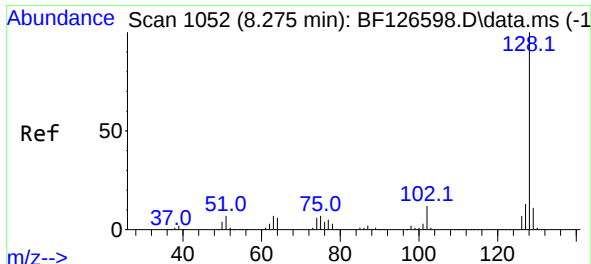
Ion Ratio Lower Upper

180 100

182 93.4 75.5 113.3

145 31.3 26.2 39.2





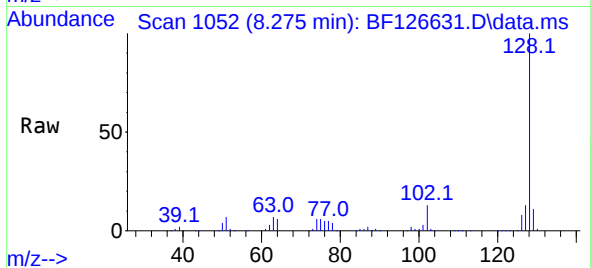
#31
Naphthalene
Concen: 39.711 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

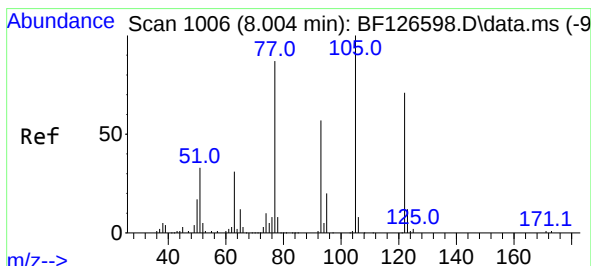
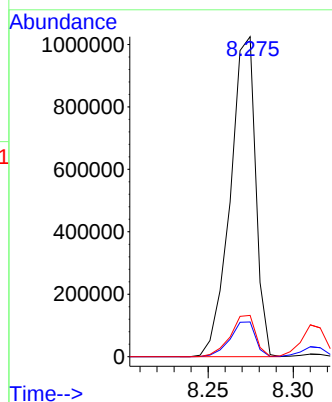
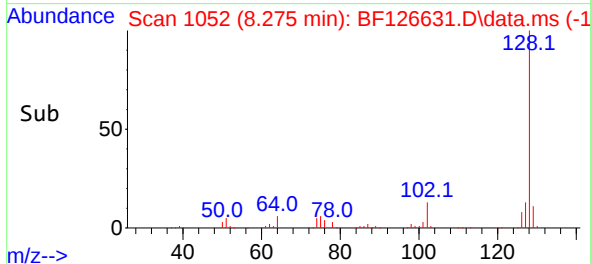


Tgt Ion:128 Resp: 106397
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.3 15.5

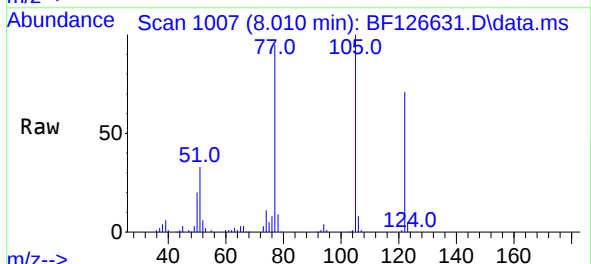
Manual Integrations

APPROVED

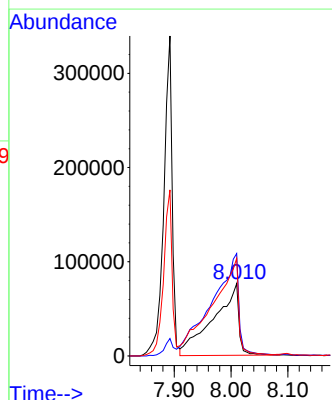
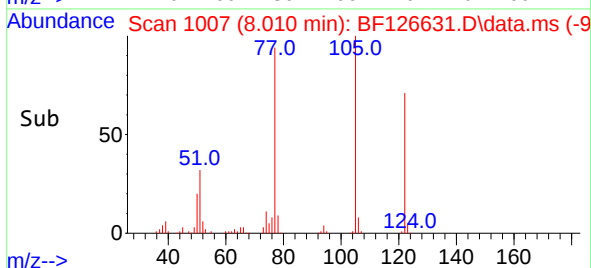
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

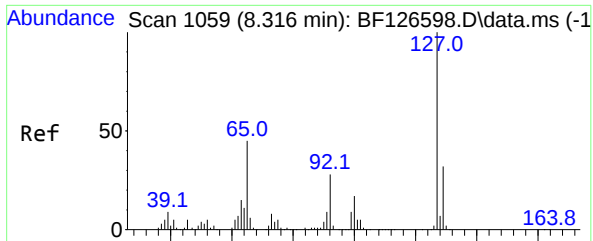


#32
Benzoic acid
Concen: 51.563 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:122 Resp: 236858
Ion Ratio Lower Upper
122 100
105 141.6 101.0 141.0#
77 135.1 74.5 114.5#





#33
4-Chloroaniline
Concen: 9.918 ng
RT: 8.310 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

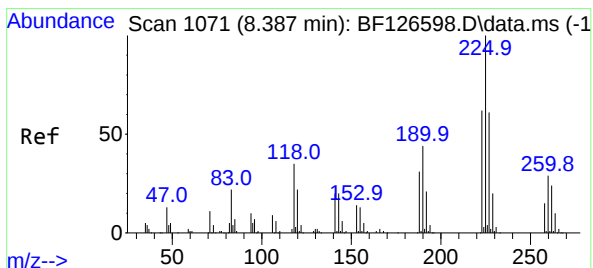
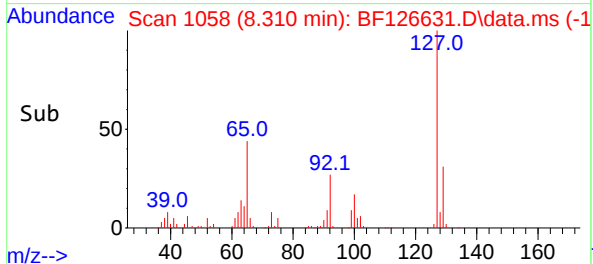
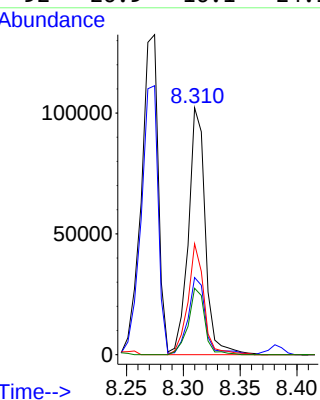
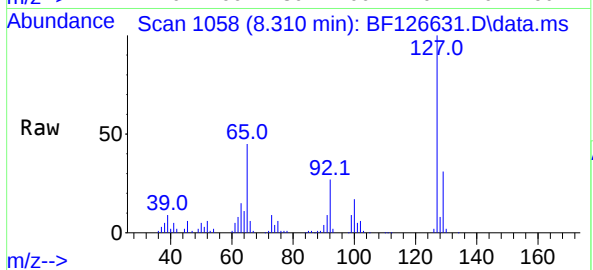
ClientSampleId :

PB142179BS

Tgt Ion:127 Resp: 10617
Ion Ratio Lower Upper
127 100
129 31.3 26.5 39.7
65 44.9 26.6 39.8
92 26.9 16.1 24.1

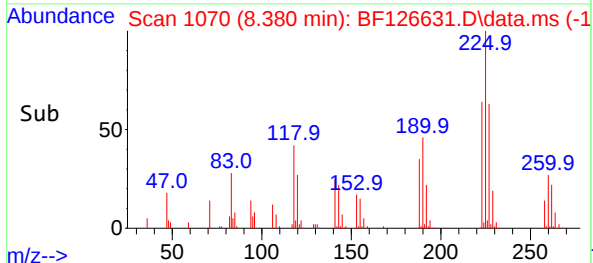
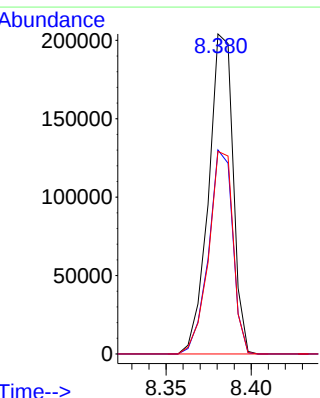
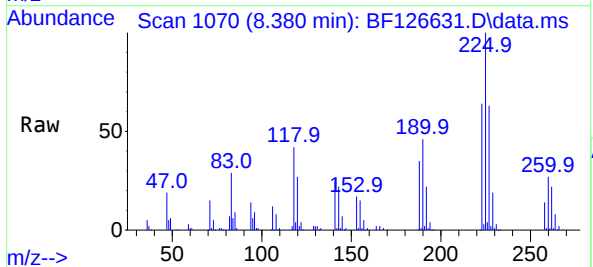
Manual Integrations
APPROVED

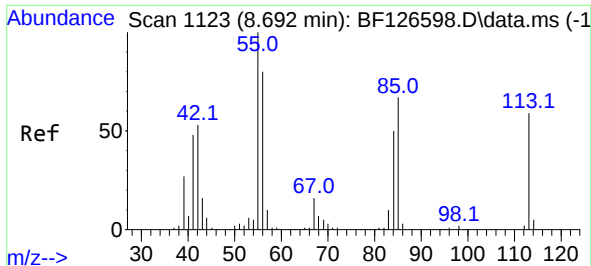
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#34
Hexachlorobutadiene
Concen: 38.941 ng
RT: 8.380 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

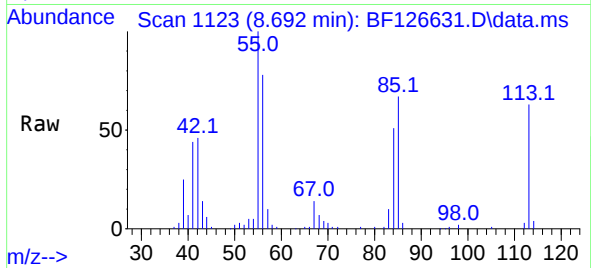
Tgt Ion:225 Resp: 204049
Ion Ratio Lower Upper
225 100
223 63.8 48.6 73.0
227 63.3 51.4 77.0





#35
Caprolactam
Concen: 42.115 ng m
RT: 8.692 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

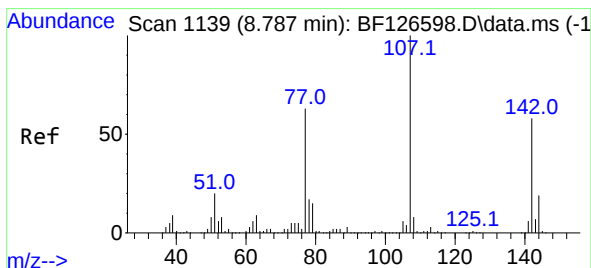
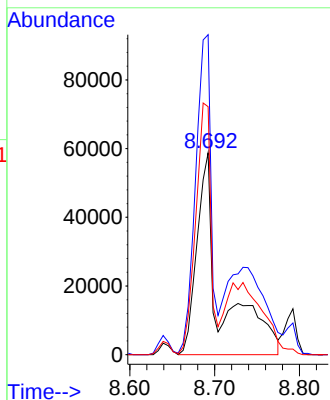
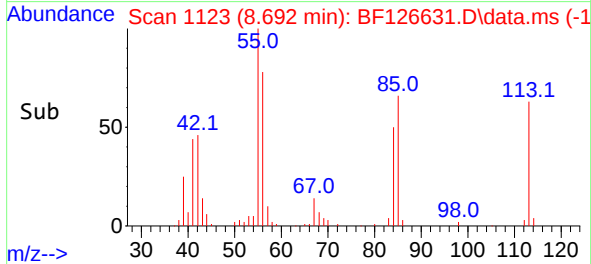
Instrument :
BNA_F
ClientSampleId :
PB142179BS



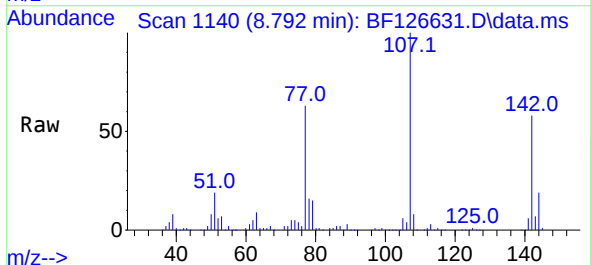
Tgt Ion:113 Resp: 11552
Ion Ratio Lower Upper
113 100
55 158.4 183.9 223.9
56 122.8 129.9 169.9

Manual Integrations
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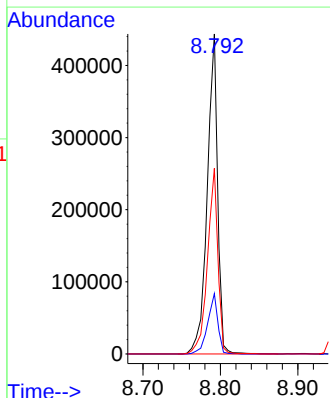
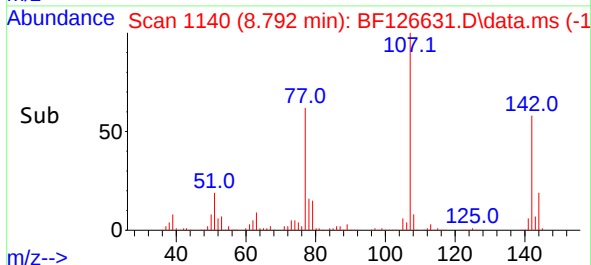
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

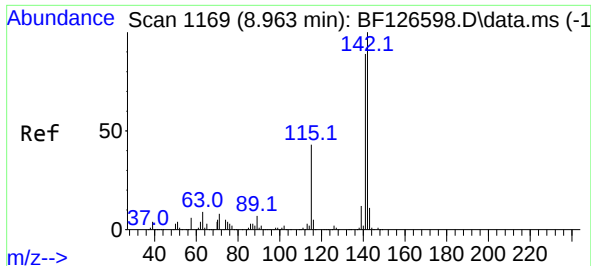


#36
4-Chloro-3-methylphenol
Concen: 41.176 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:107 Resp: 413619
Ion Ratio Lower Upper
107 100
144 18.9 18.5 27.7
142 58.0 58.1 87.1#





#37

2-Methylnaphthalene

Concen: 40.855 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:142 Resp: 680750

Ion Ratio Lower Upper

142 100

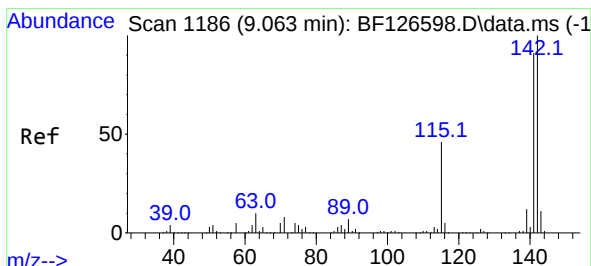
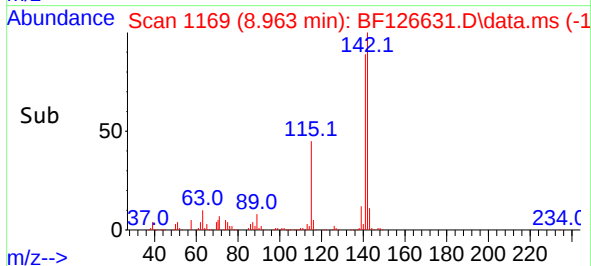
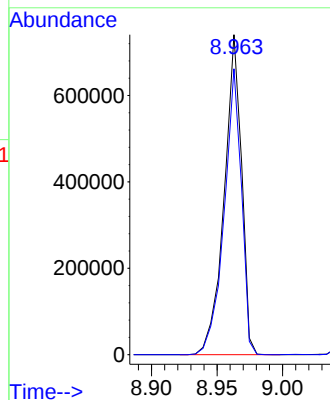
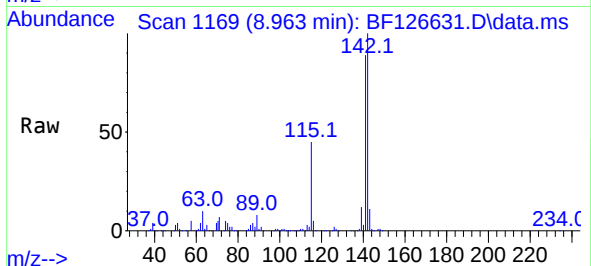
141 89.4 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#38

1-Methylnaphthalene

Concen: 38.913 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF126631.D

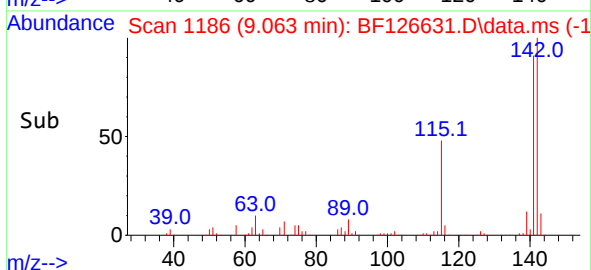
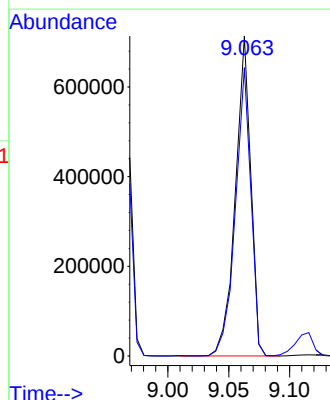
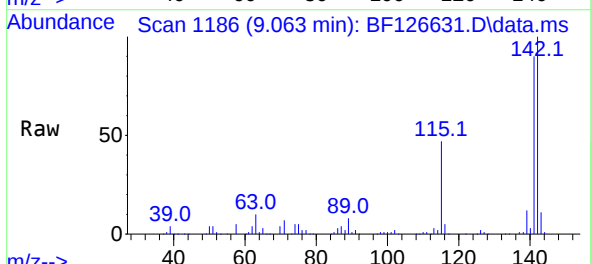
Acq: 24 Jan 2022 11:45

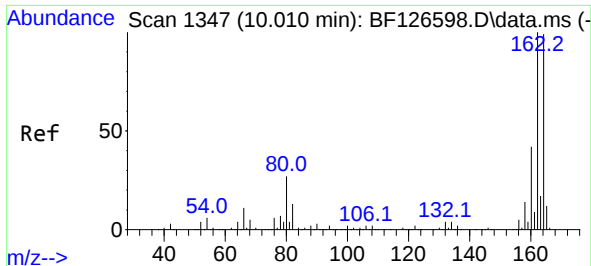
Tgt Ion:142 Resp: 628471

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





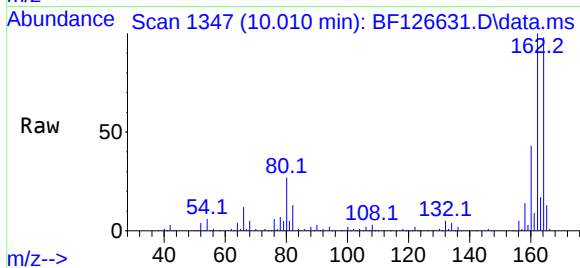
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

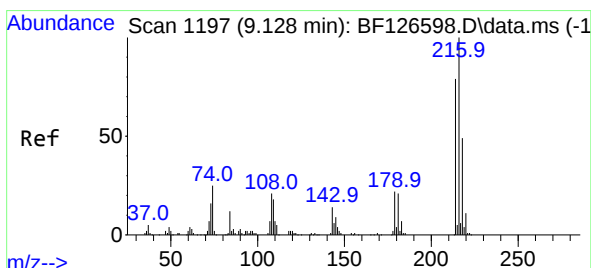
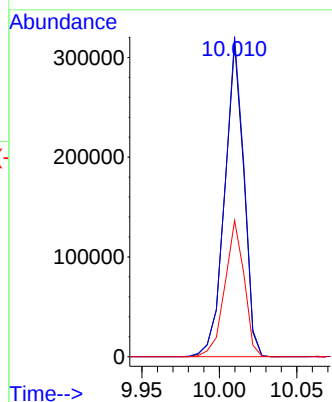
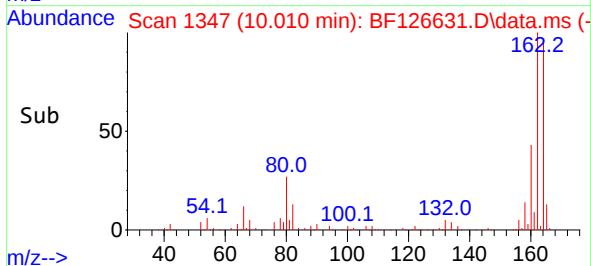


Tgt Ion:164 Resp: 270063
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 43.5 36.6 54.8

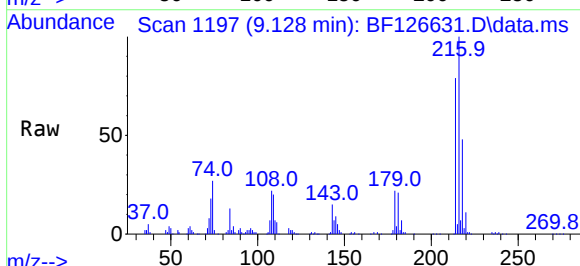
Manual Integrations

APPROVED

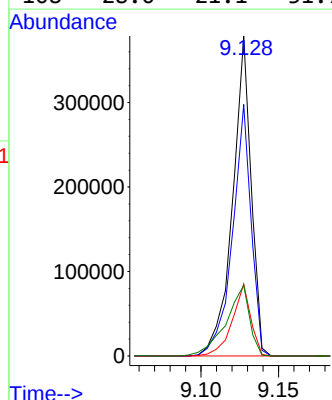
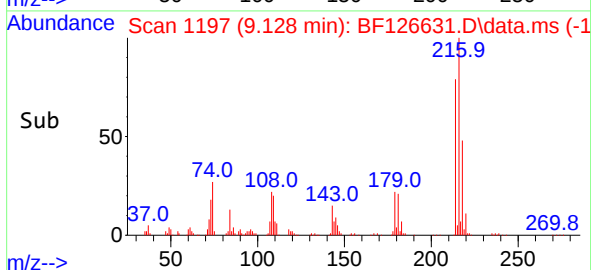
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

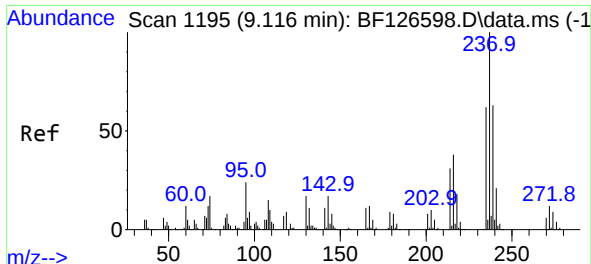


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.594 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



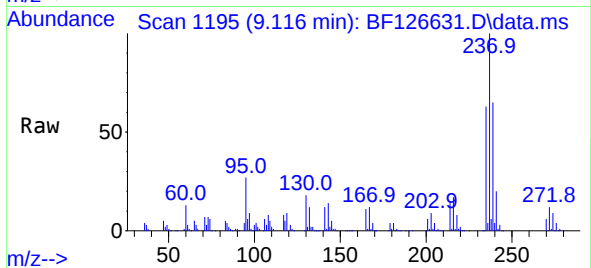
Tgt Ion:216 Resp: 315063
Ion Ratio Lower Upper
216 100
214 78.9 64.6 96.8
179 22.5 19.5 29.3
108 28.0 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 91.234 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

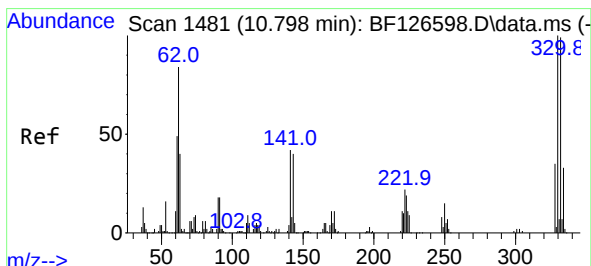
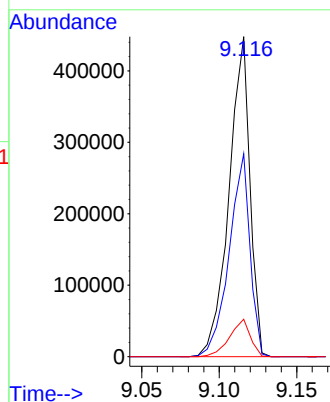
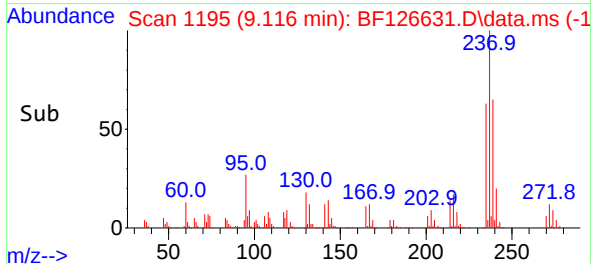
Instrument :
BNA_F
ClientSampleId :
PB142179BS



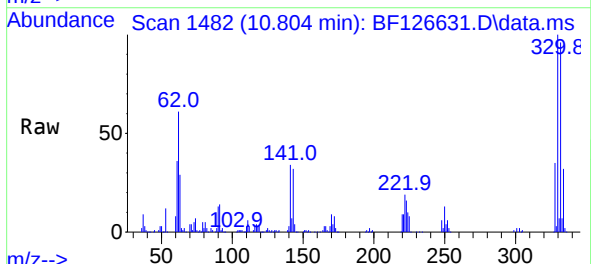
Tgt Ion:237 Resp: 420763
Ion Ratio Lower Upper
237 100
235 63.4 38.9 78.9
272 11.7 0.0 33.5

Manual Integrations
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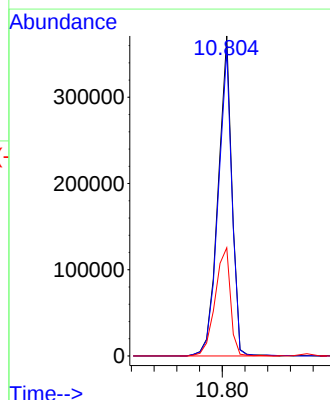
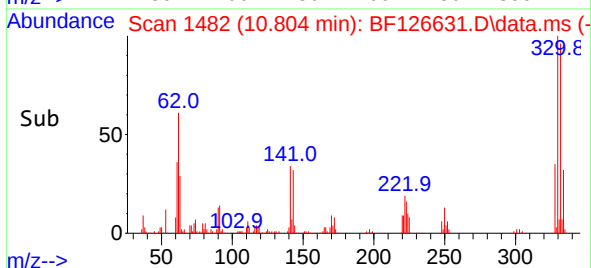
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

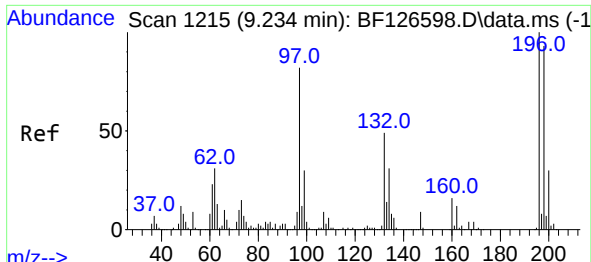


#42
2,4,6-Tribromophenol
Concen: 123.775 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:330 Resp: 312825
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 37.6 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 40.172 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:196 Resp: 21692

Ion Ratio Lower Upper

196 100

198 95.3 78.5 117.7

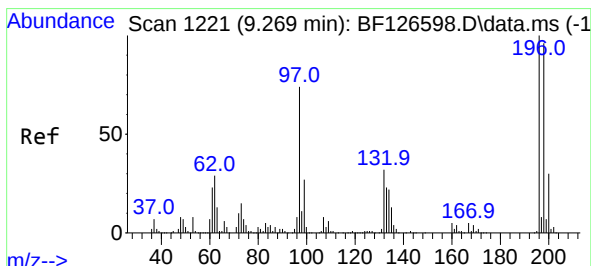
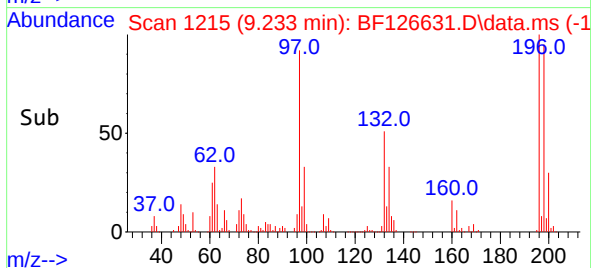
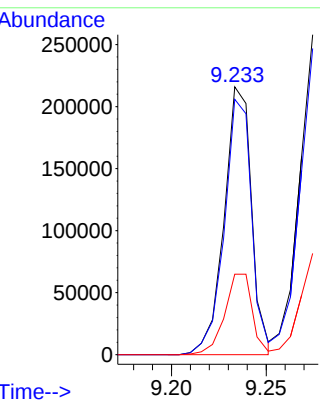
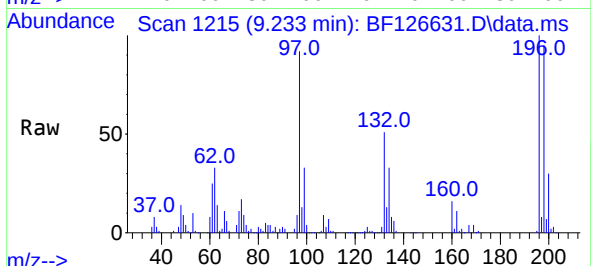
200 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#44

2,4,5-Trichlorophenol

Concen: 40.668 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Tgt Ion:196 Resp: 227439

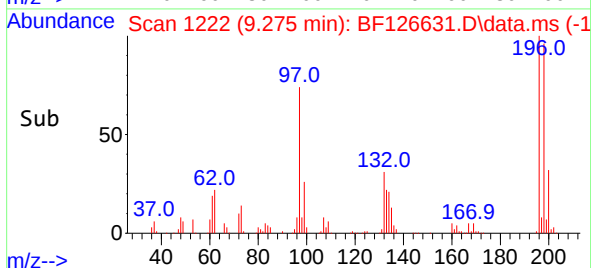
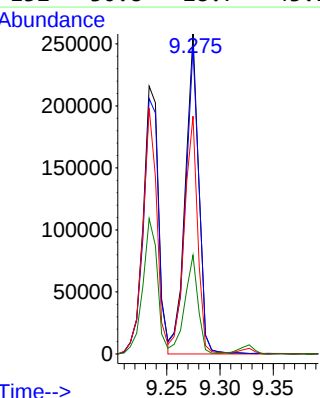
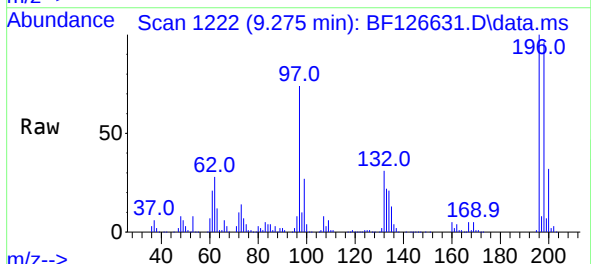
Ion Ratio Lower Upper

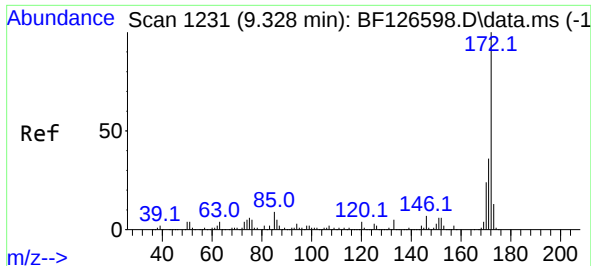
196 100

198 95.7 82.0 123.0

97 74.3 53.5 80.3

132 30.8 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 74.973 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:172 Resp: 132207

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

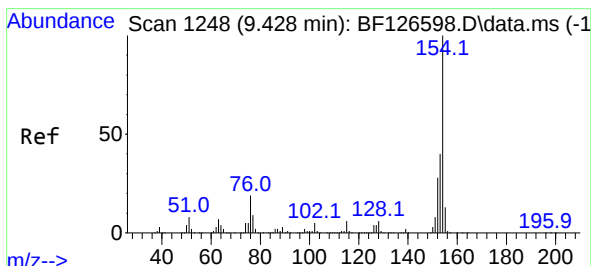
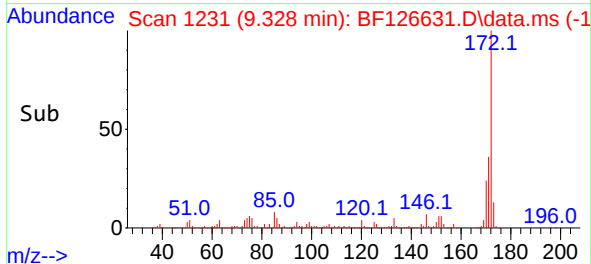
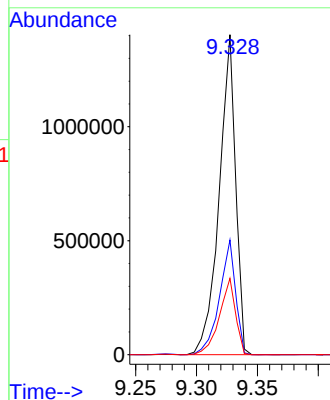
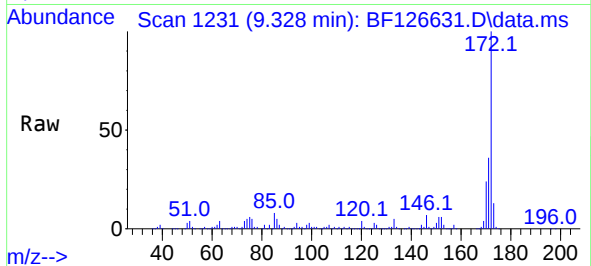
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#46

1,1'-Biphenyl

Concen: 41.116 ng

RT: 9.428 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

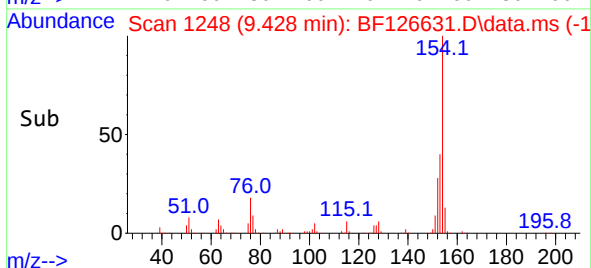
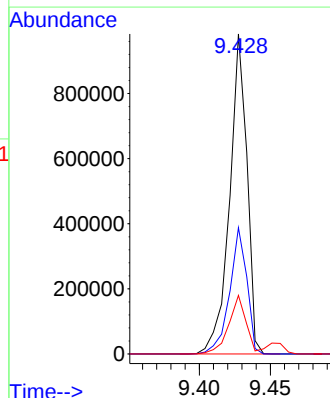
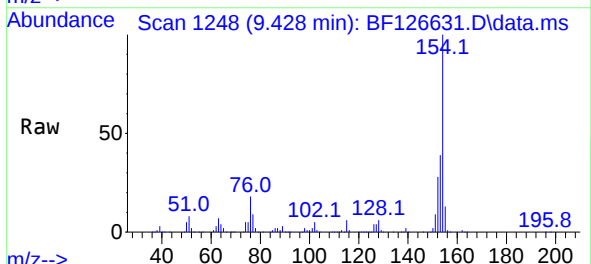
Tgt Ion:154 Resp: 836543

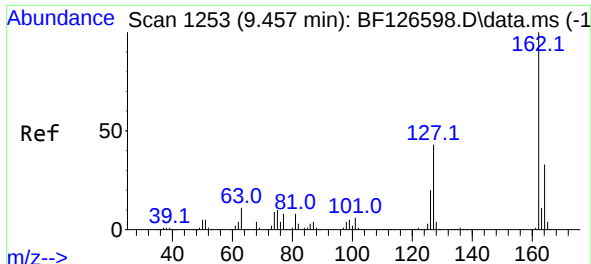
Ion Ratio Lower Upper

154 100

153 39.5 19.0 59.0

76 18.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 40.191 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

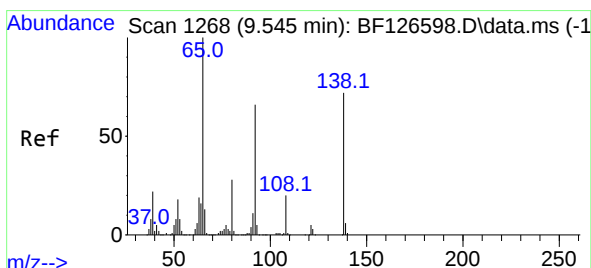
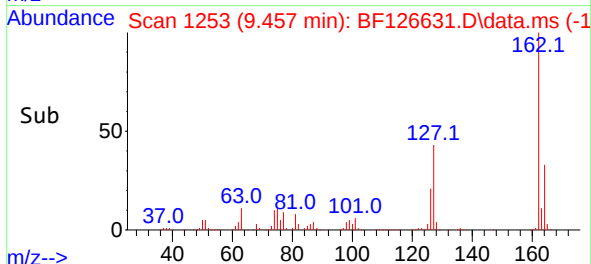
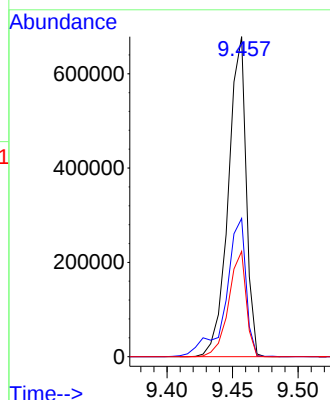
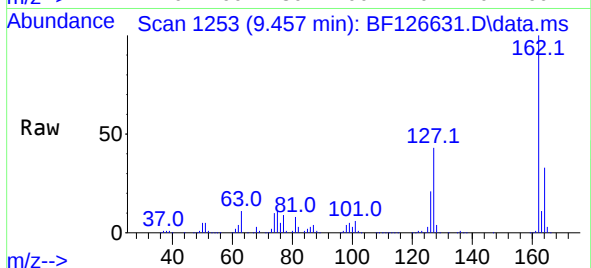
PB142179BS

Tgt Ion:162 Resp: 64245
 Ion Ratio Lower Upper
 162 100
 127 43.2 33.5 50.3
 164 32.9 26.2 39.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022



#48

2-Nitroaniline

Concen: 51.926 ng

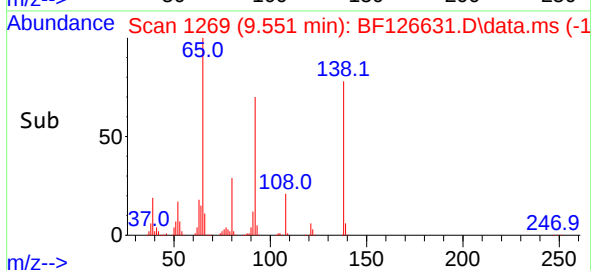
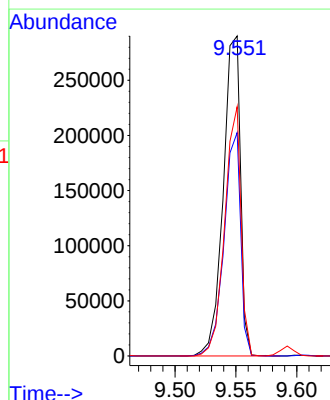
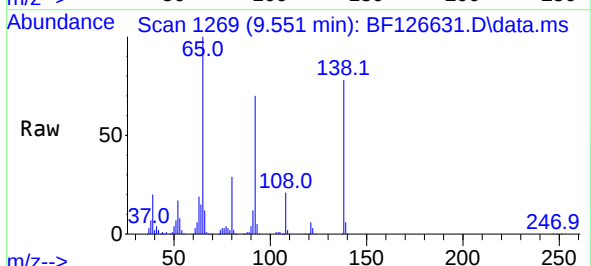
RT: 9.551 min Scan# 1269

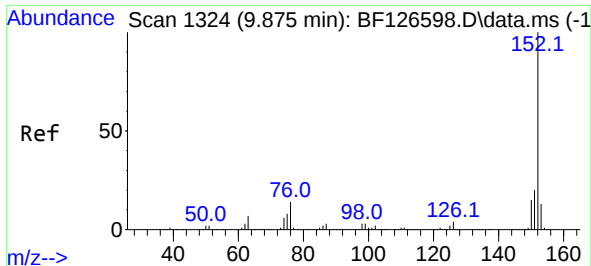
Delta R.T. 0.006 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Tgt Ion: 65 Resp: 286589
 Ion Ratio Lower Upper
 65 100
 92 69.8 54.4 81.6
 138 77.9 72.5 108.7





#49

Acenaphthylene

Concen: 40.131 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126631.D

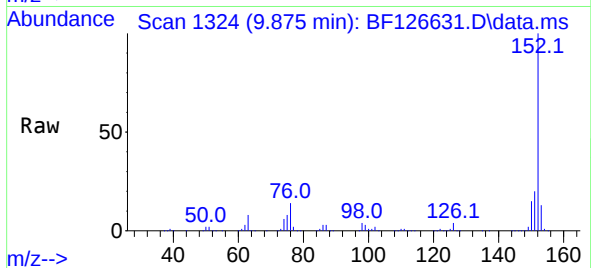
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS



Tgt Ion:152 Resp: 1006274

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

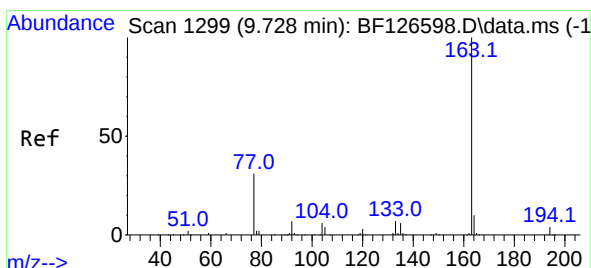
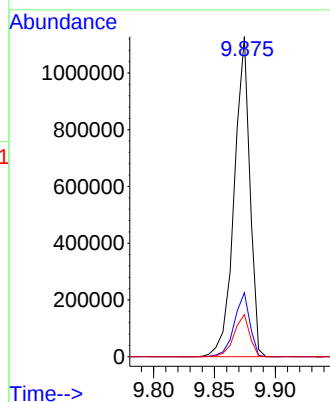
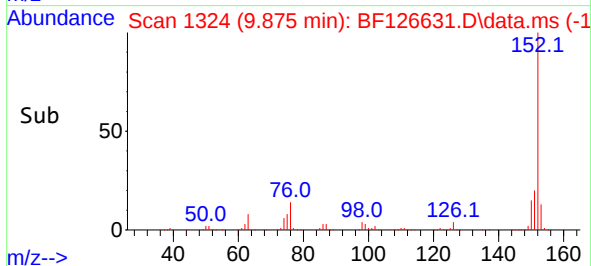
153 13.2 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#50

Dimethylphthalate

Concen: 40.310 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

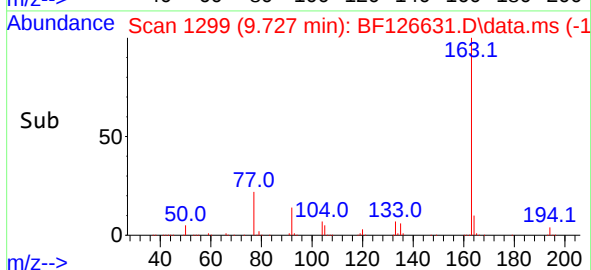
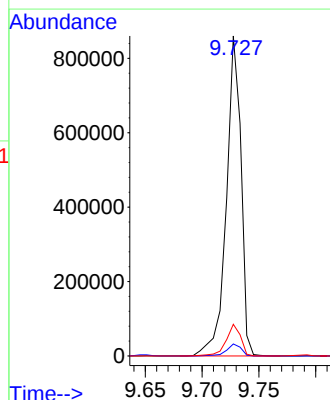
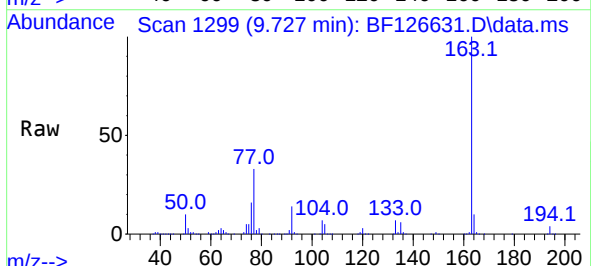
Tgt Ion:163 Resp: 772111

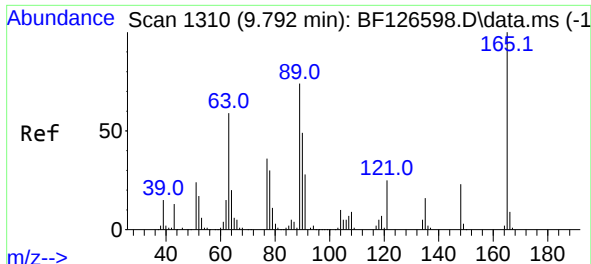
Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.554 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

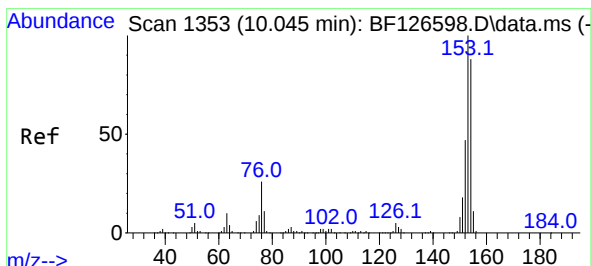
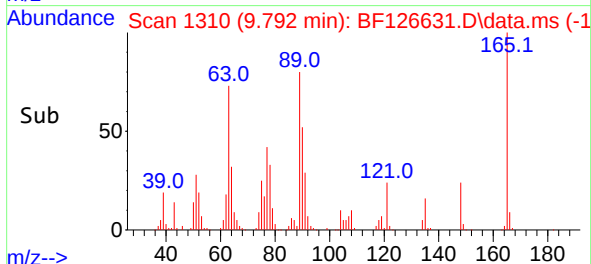
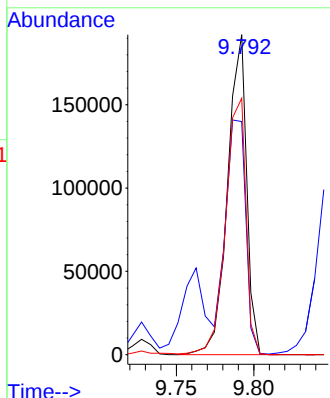
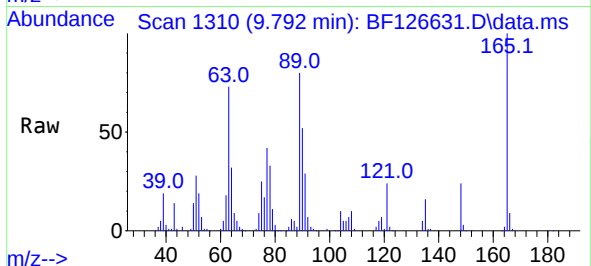
ClientSampleId :

PB142179BS

Tgt Ion:165 Resp: 164017
Ion Ratio Lower Upper
165 100
63 72.9 48.4 72.6
89 80.1 50.5 75.7

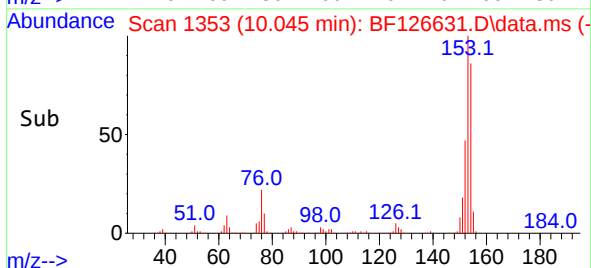
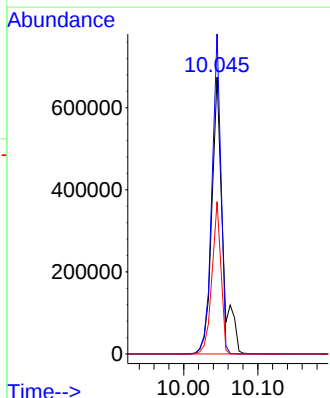
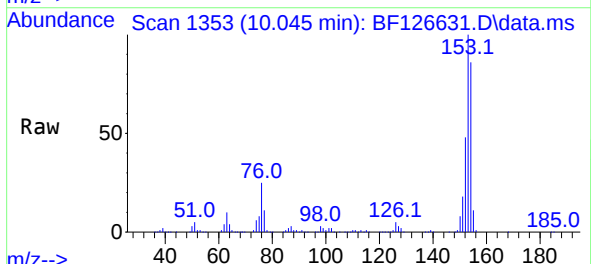
Manual Integrations
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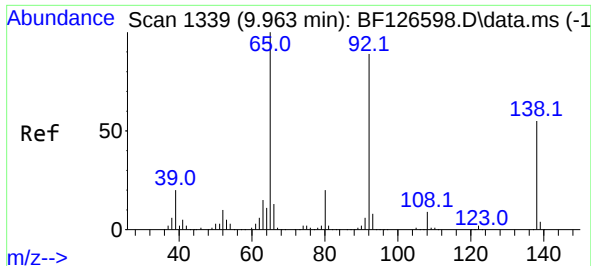
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#52
Acenaphthene
Concen: 44.641 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:154 Resp: 684325
Ion Ratio Lower Upper
154 100
153 115.6 87.8 131.6
152 55.0 39.4 59.2





#53
3-Nitroaniline
Concen: 22.327 ng
RT: 9.957 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

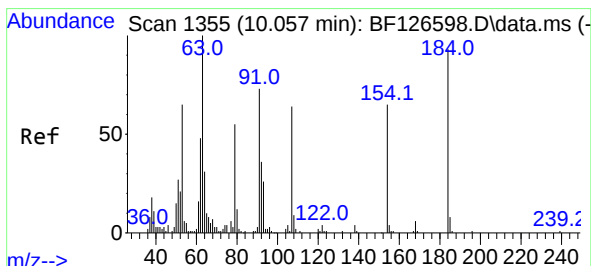
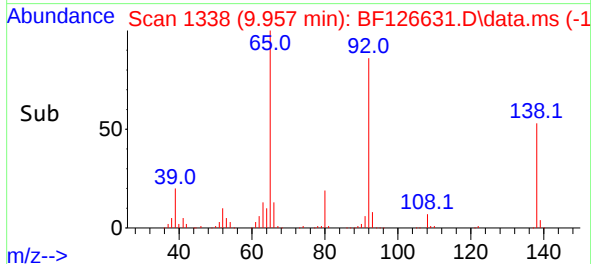
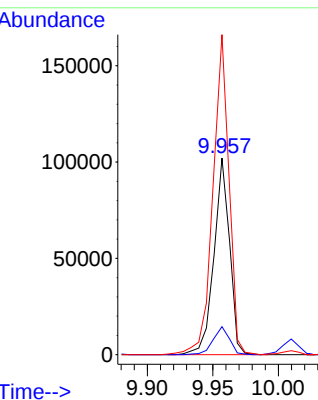
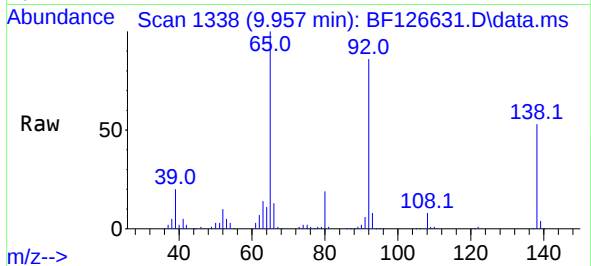
PB142179BS

Tgt Ion:138 Resp: 84490
Ion Ratio Lower Upper
138 100
108 14.3 8.6 13.0#
92 162.7 105.0 157.6#

Manual Integrations

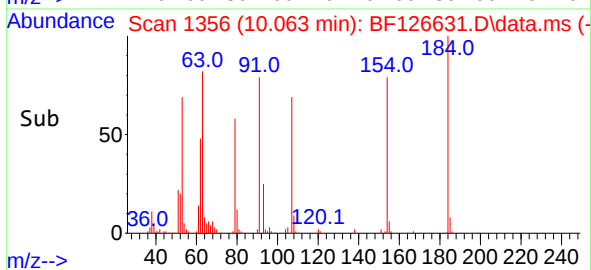
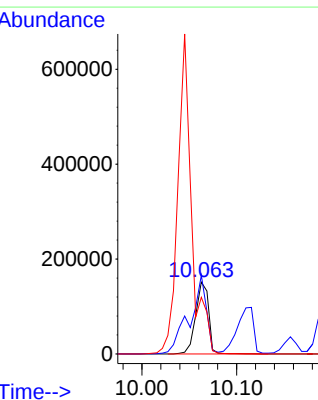
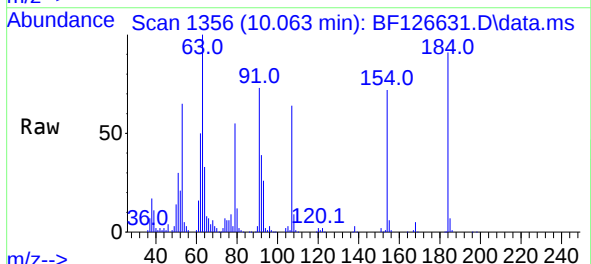
APPROVED

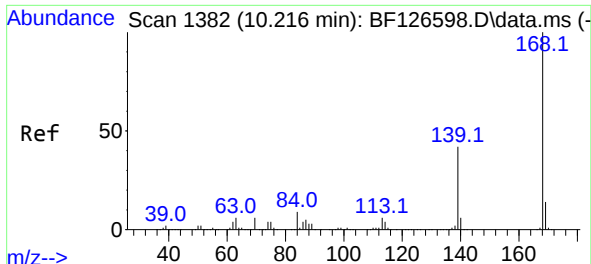
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#54
2,4-Dinitrophenol
Concen: 86.722 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

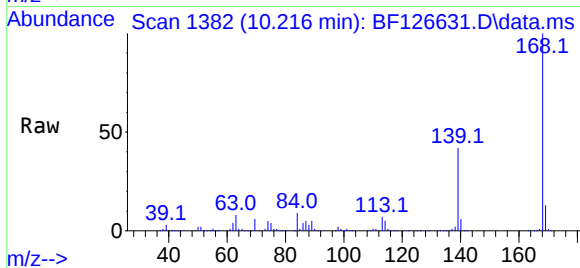
Tgt Ion:184 Resp: 143710
Ion Ratio Lower Upper
184 100
63 109.6 70.4 105.6#
154 78.9 49.7 74.5#





#55
Dibenzofuran
Concen: 39.249 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

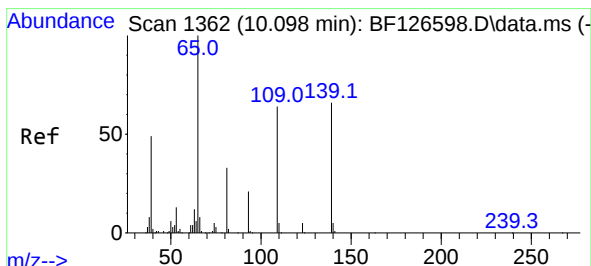
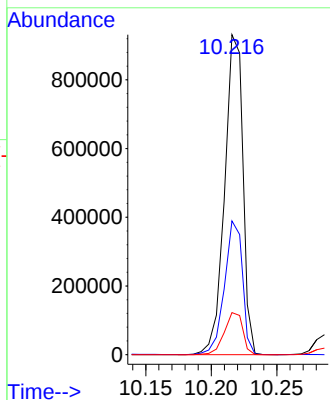
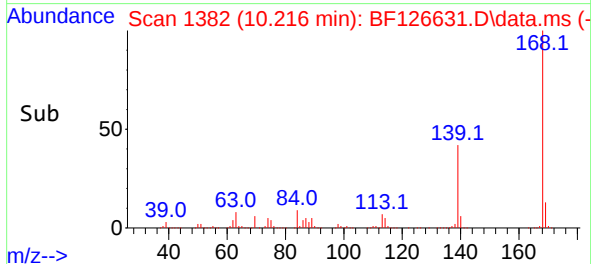
Instrument :
BNA_F
ClientSampleId :
PB142179BS



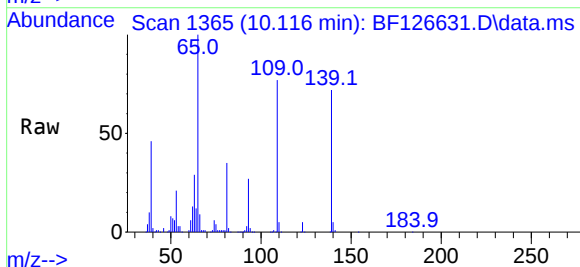
Tgt Ion:168 Resp: 904184
Ion Ratio Lower Upper
168 100
139 41.8 30.6 46.0
169 13.2 10.0 15.0

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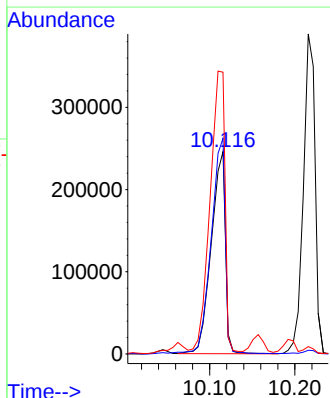
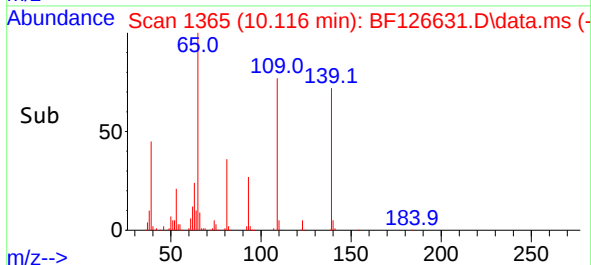
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

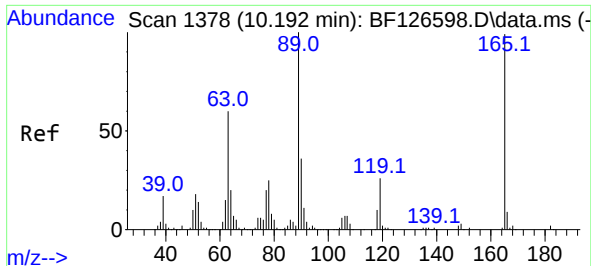


#56
4-Nitrophenol
Concen: 93.653 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.017 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:139 Resp: 282213
Ion Ratio Lower Upper
139 100
109 106.7 44.1 84.1#
65 139.3 85.5 125.5#





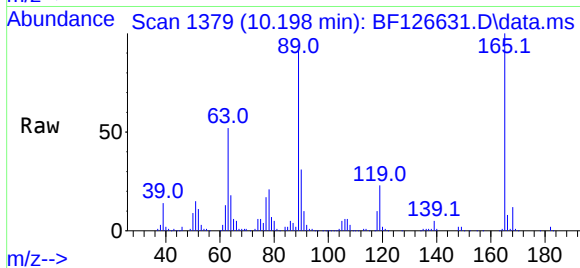
#57
2,4-Dinitrotoluene
Concen: 56.934 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

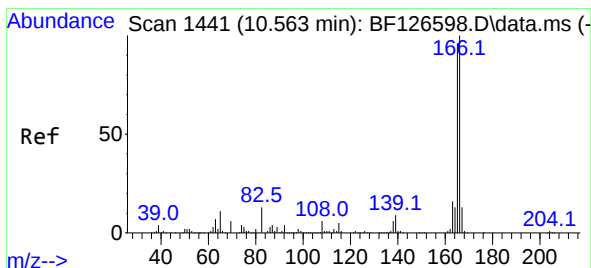
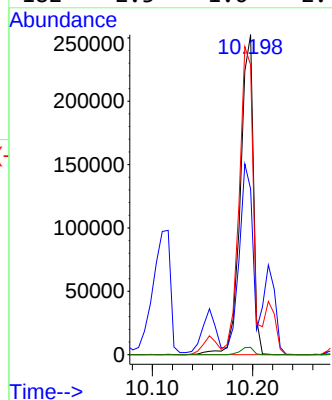
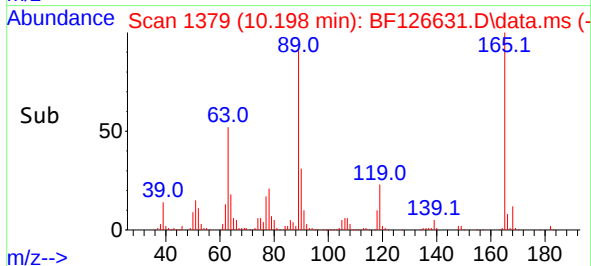


Tgt Ion:165 Resp: 22835
Ion Ratio Lower Upper
165 100
63 51.8 43.0 64.6
89 90.6 71.0 106.4
182 2.3 1.6 2.4

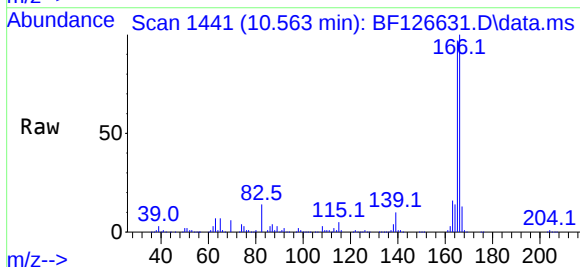
Manual Integrations

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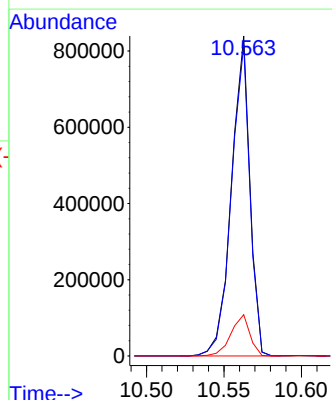
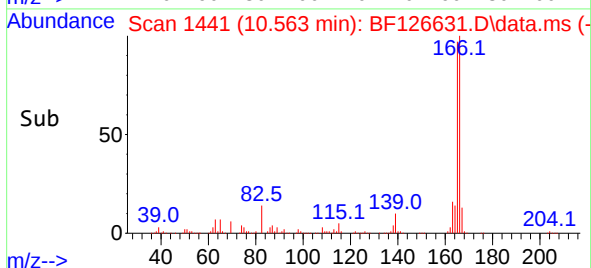
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

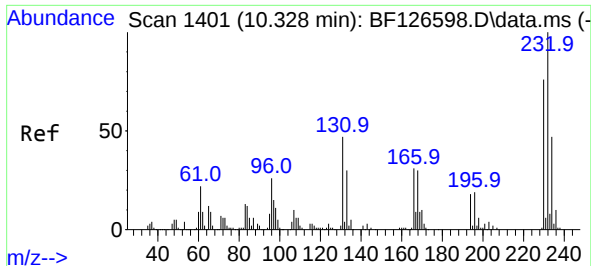


#58
Fluorene
Concen: 40.012 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



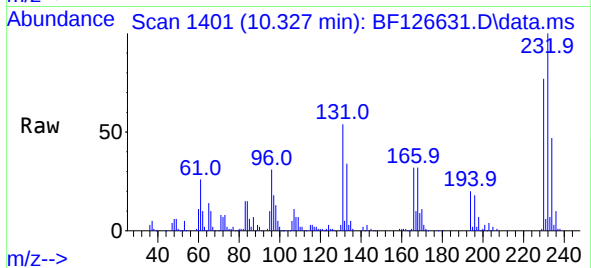
Tgt Ion:166 Resp: 695941
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.059 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

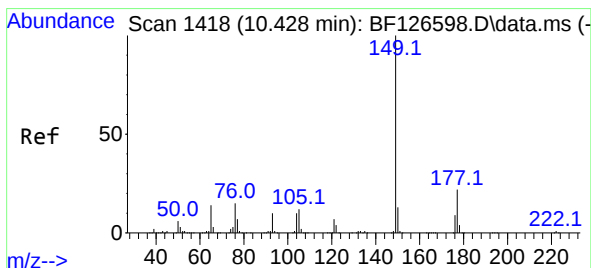
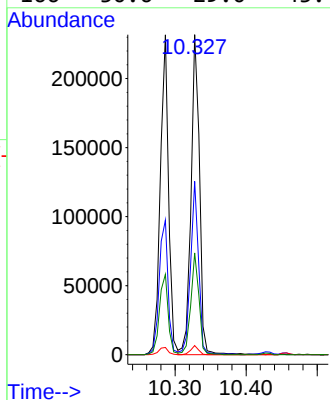
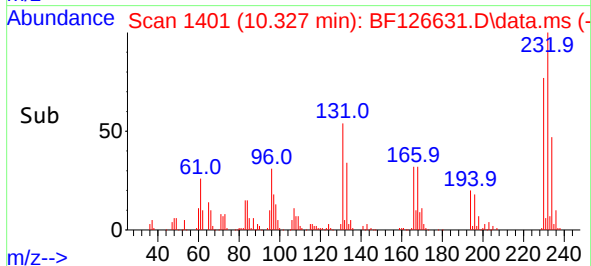
Instrument :
BNA_F
ClientSampleId :
PB142179BS



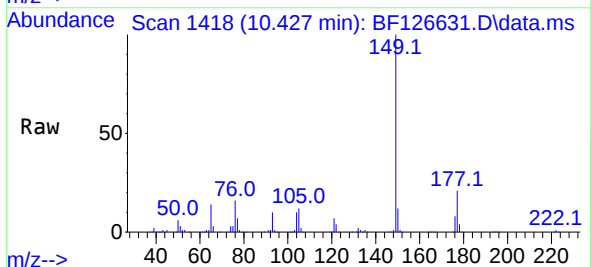
Tgt Ion:232 Resp: 19230
Ion Ratio Lower Upper
232 100
131 51.5 50.0 75.0
130 2.6 2.2 3.2
166 30.6 29.0 43.4

Manual Integrations
APPROVED

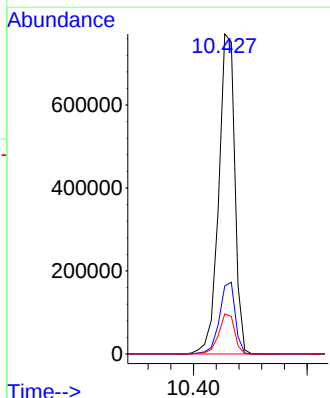
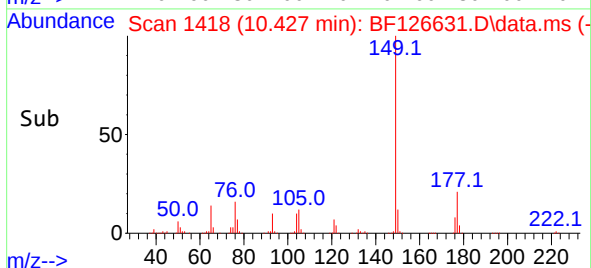
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

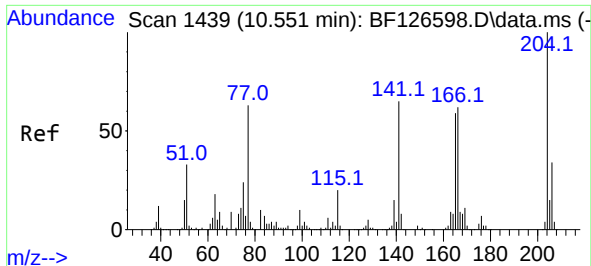


#60
Diethylphthalate
Concen: 39.985 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



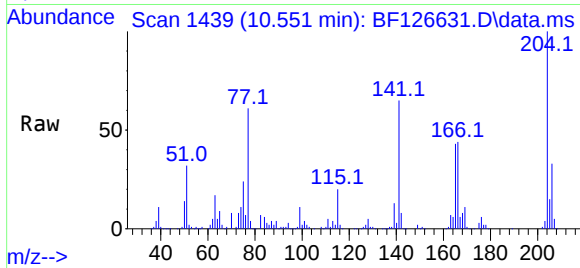
Tgt Ion:149 Resp: 761328
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 39.201 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

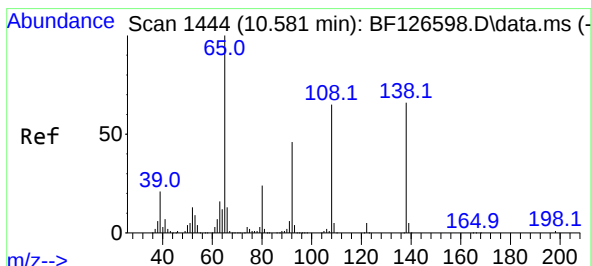
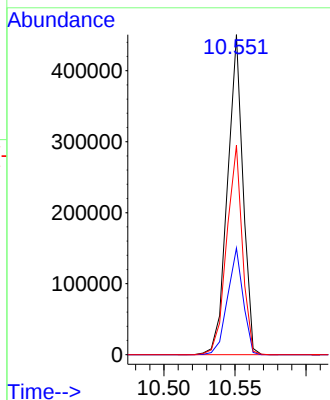
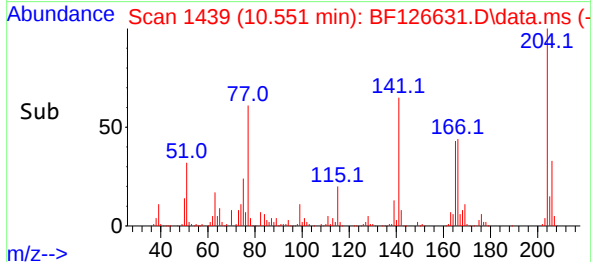
Instrument :
BNA_F
ClientSampleId :
PB142179BS



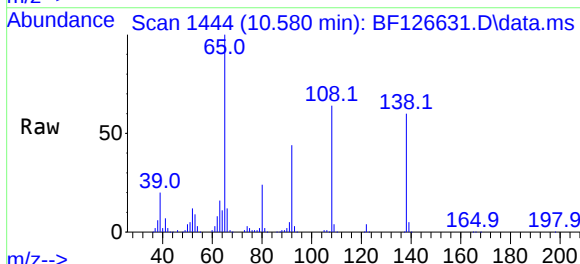
Tgt Ion:204 Resp: 340530
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 65.4 59.0 88.6

Manual Integrations
APPROVED

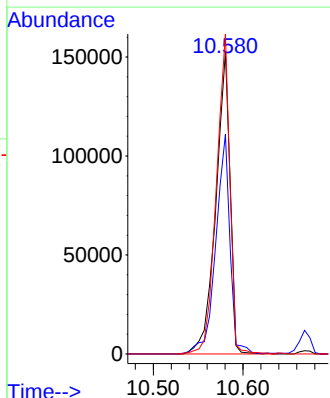
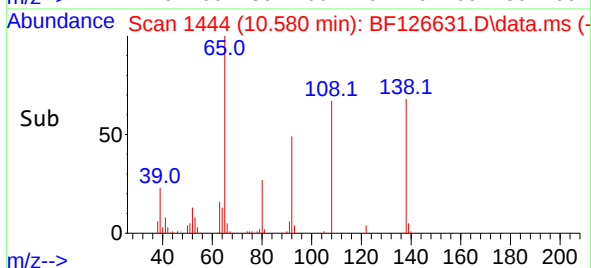
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

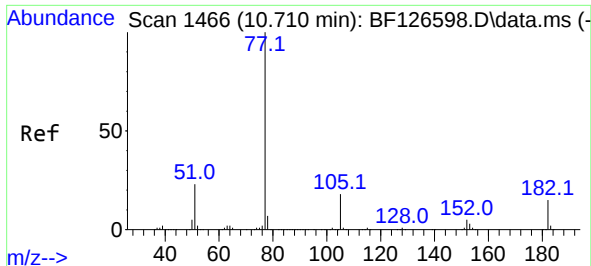


#62
4-Nitroaniline
Concen: 45.759 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:138 Resp: 168057
Ion Ratio Lower Upper
138 100
92 72.7 36.2 76.2
108 106.0 46.7 86.7#





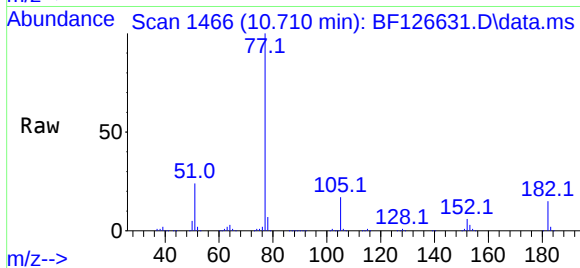
#63
Azobenzene
Concen: 39.227 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

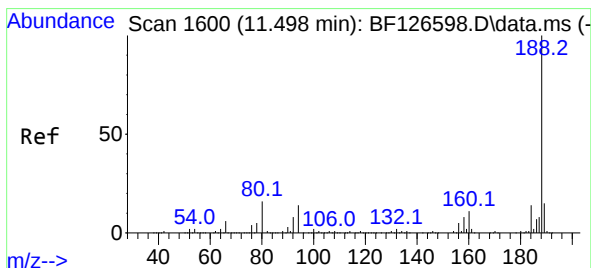
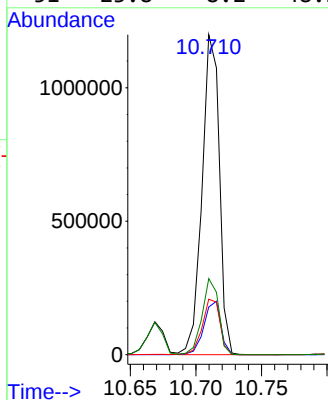
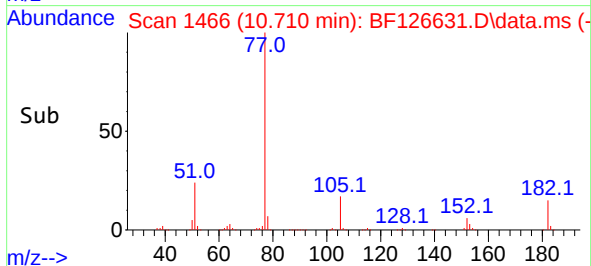


Tgt Ion: 77 Resp: 1105329
Ion Ratio Lower Upper
77 100
182 14.9 0.0 39.0
105 17.3 3.2 43.2
51 23.8 8.2 48.2

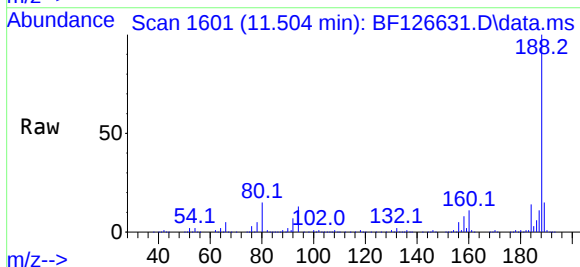
Manual Integrations

APPROVED

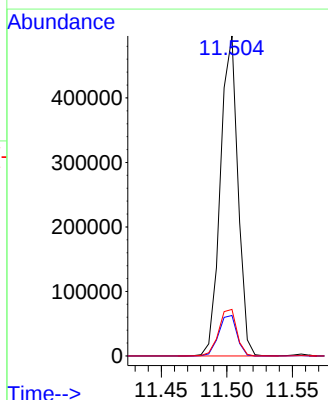
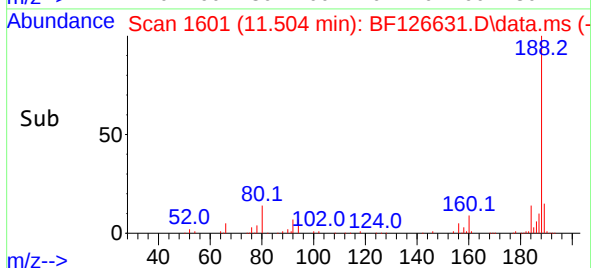
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

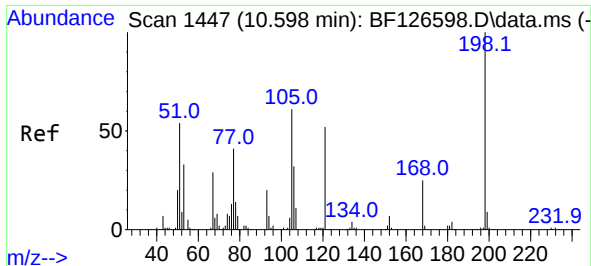


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:188 Resp: 460757
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 14.5 11.8 17.6





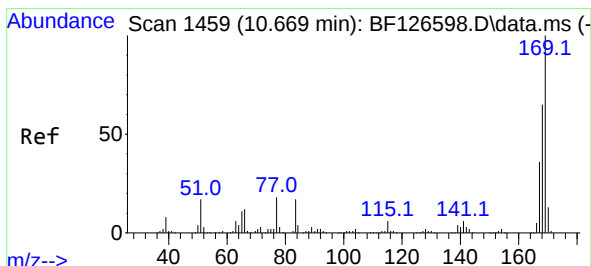
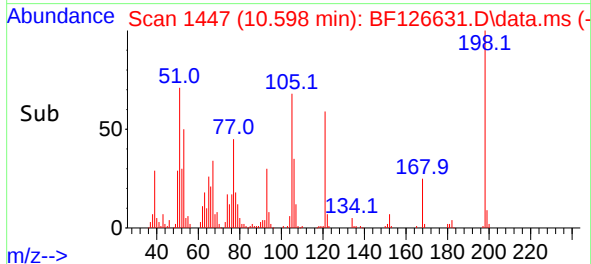
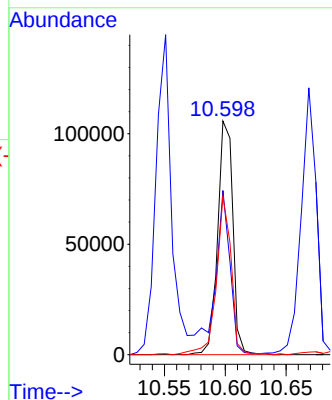
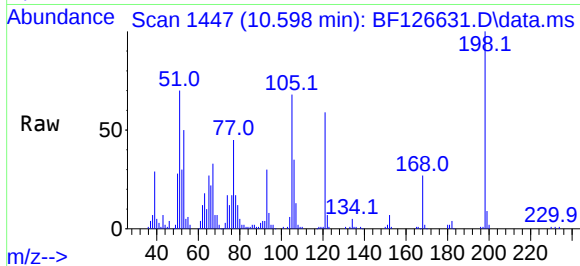
#65
4,6-Dinitro-2-methylphenol
Concen: 42.766 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :
BNA_F
ClientSampleId :
PB142179BS

Tgt Ion:198 Resp: 92049
Ion Ratio Lower Upper
198 100
51 70.3 32.0 72.0
105 67.7 32.7 72.7

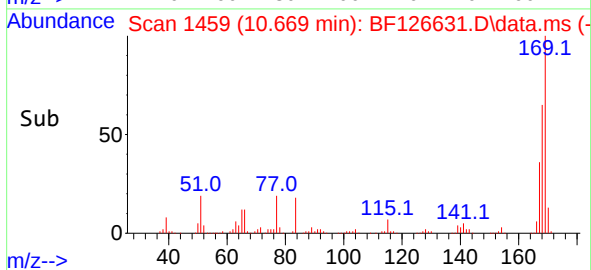
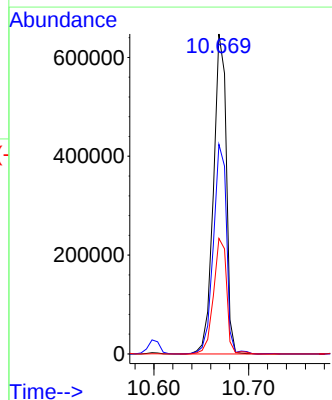
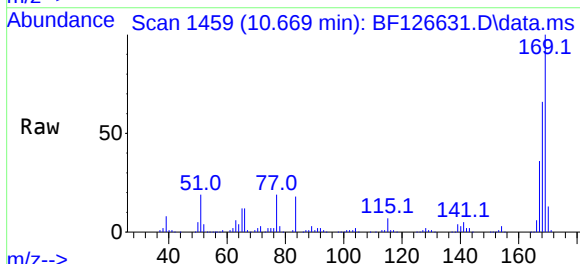
Manual Integrations
APPROVED

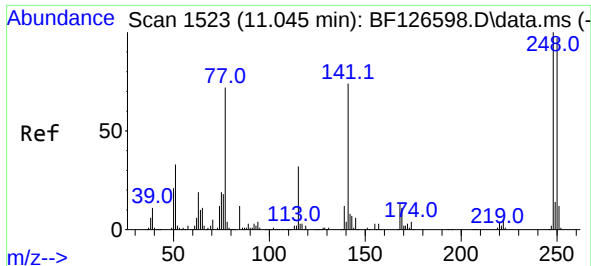
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#66
n-Nitrosodiphenylamine
Concen: 39.159 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:169 Resp: 609051
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 36.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 39.102 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

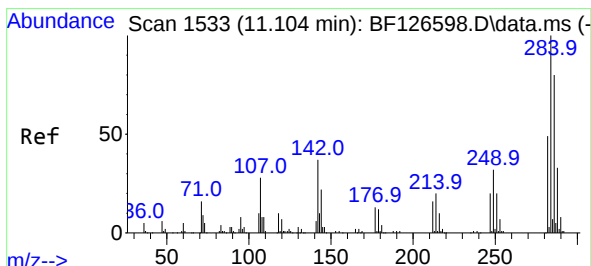
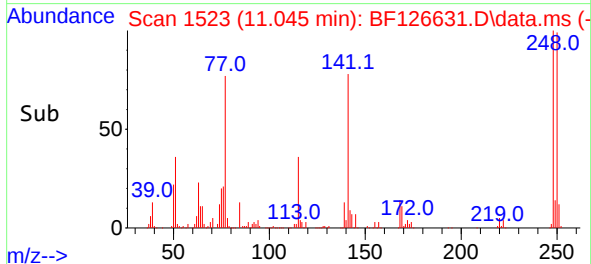
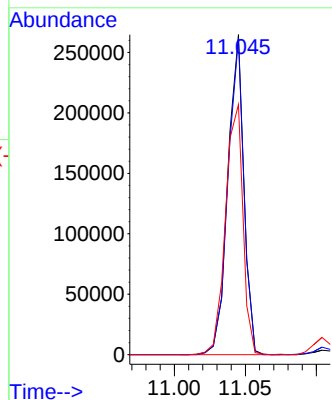
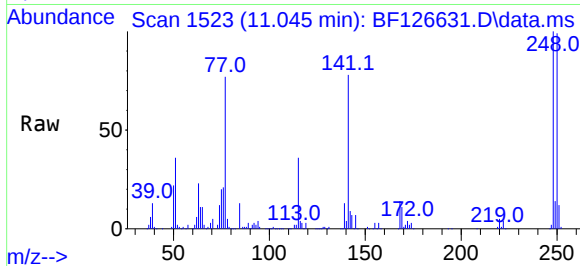
ClientSampleId :

PB142179BS

Tgt Ion:248 Resp: 20764
Ion Ratio Lower Upper
248 100
250 98.8 76.2 114.4
141 78.1 66.2 99.4

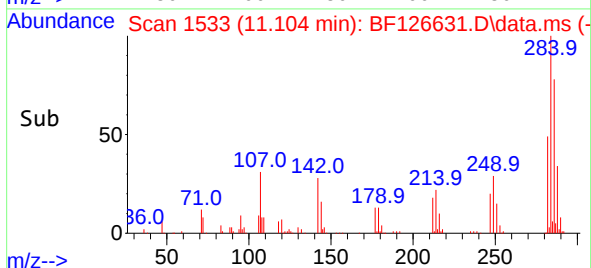
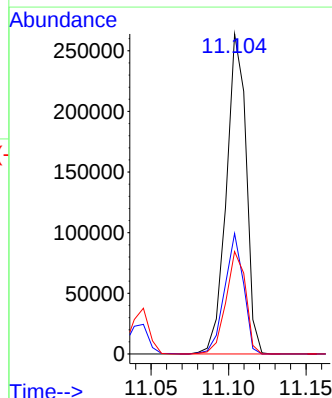
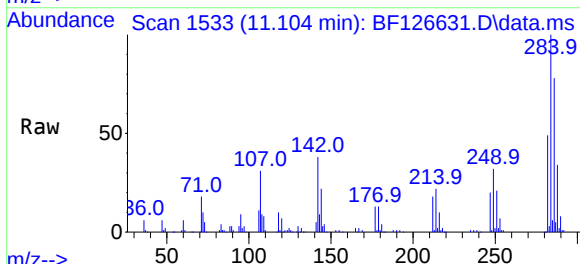
Manual Integrations
APPROVED

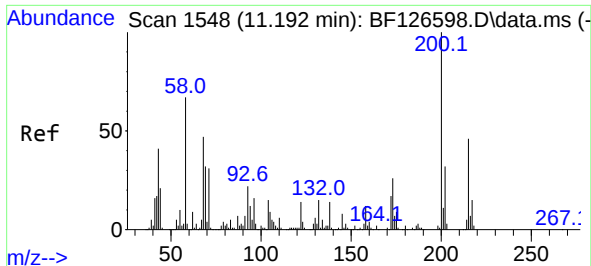
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#68
Hexachlorobenzene
Concen: 41.438 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:284 Resp: 234770
Ion Ratio Lower Upper
284 100
142 37.6 30.7 46.1
249 32.0 21.1 31.7#





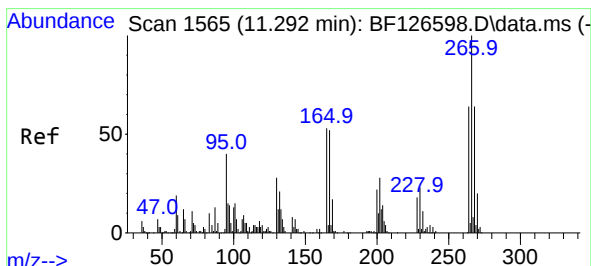
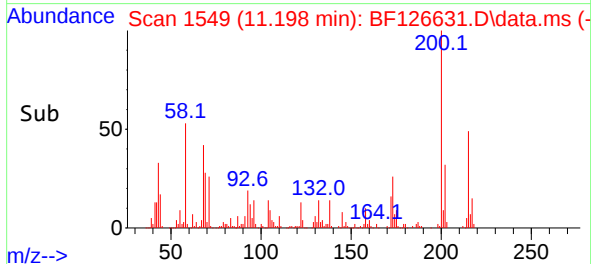
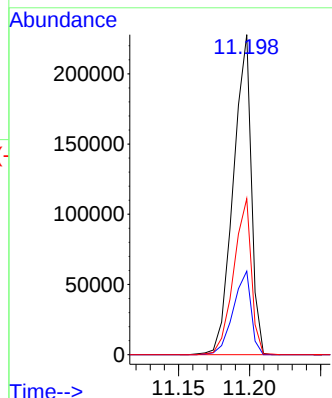
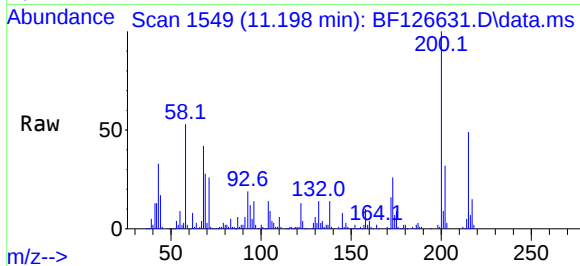
#69
Atrazine
Concen: 40.408 ng
RT: 11.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :
BNA_F
ClientSampleId :
PB142179BS

Tgt Ion:200 Resp: 200715
Ion Ratio Lower Upper
200 100
173 26.1 9.2 49.2
215 48.8 23.2 63.2

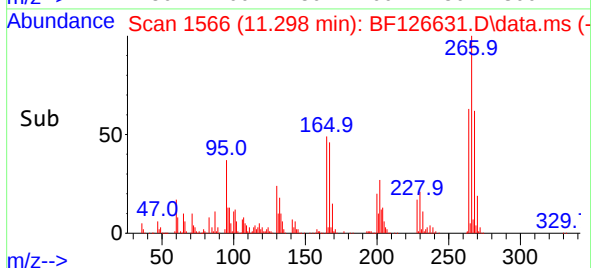
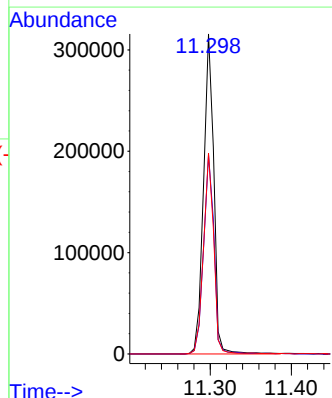
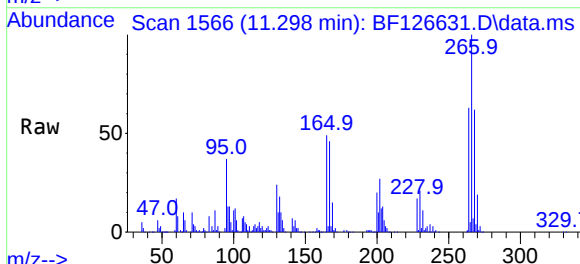
Manual Integrations
APPROVED

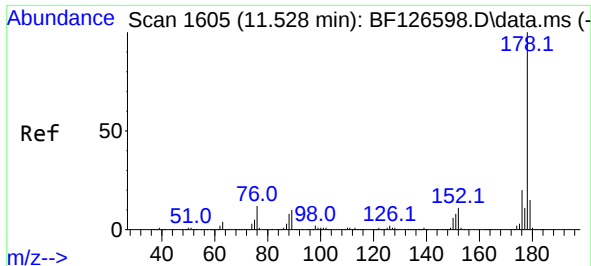
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#70
Pentachlorophenol
Concen: 84.176 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:266 Resp: 277324
Ion Ratio Lower Upper
266 100
268 62.3 52.3 78.5
264 62.8 50.4 75.6





#71
Phenanthrene
Concen: 39.883 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

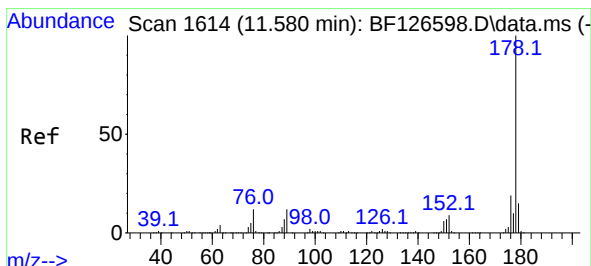
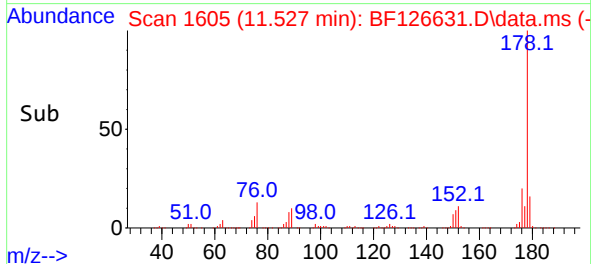
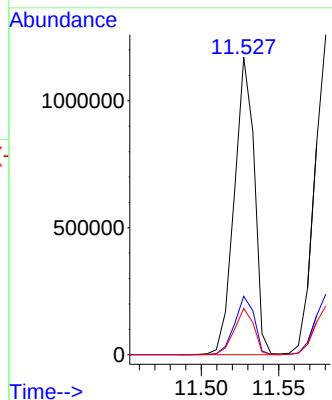
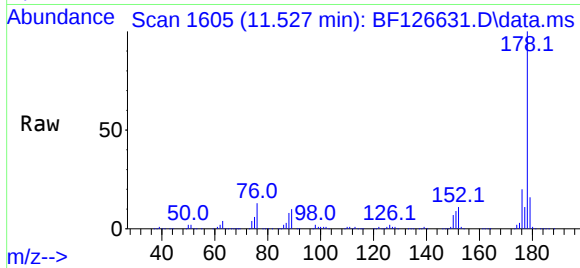
PB142179BS

Tgt Ion:178 Resp: 104987
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.3 18.5

Manual Integrations

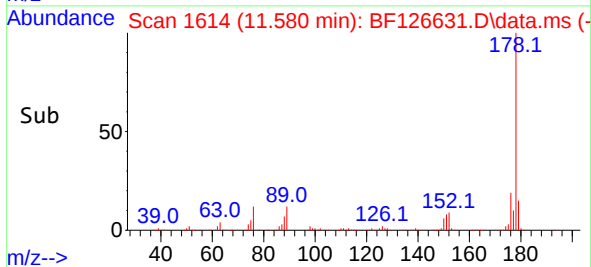
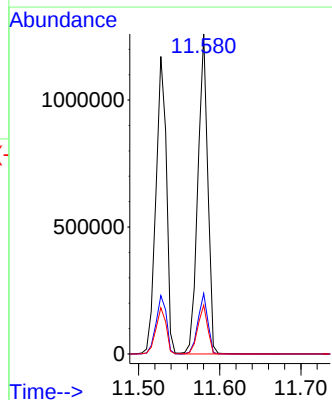
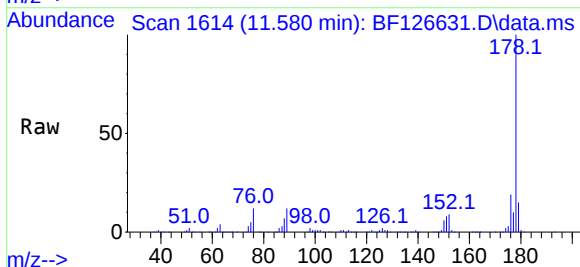
APPROVED

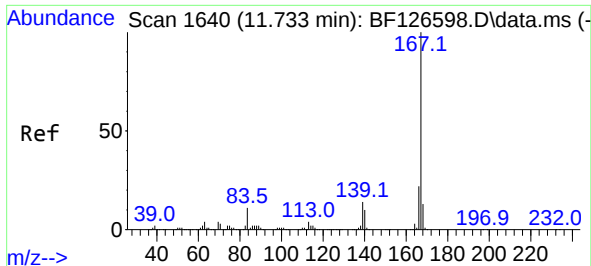
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#72
Anthracene
Concen: 40.602 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

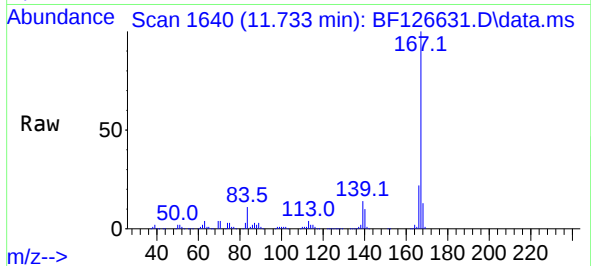
Tgt Ion:178 Resp: 1072350
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.2 12.5 18.7





#73
 Carbazole
 Concen: 38.625 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: BF126631.D
 Acq: 24 Jan 2022 11:45

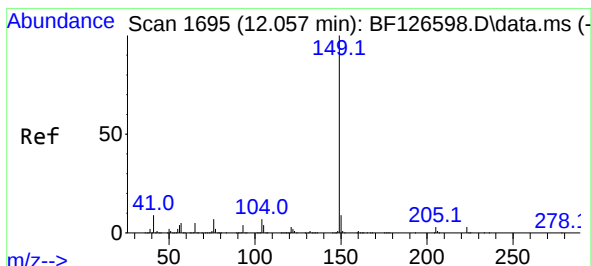
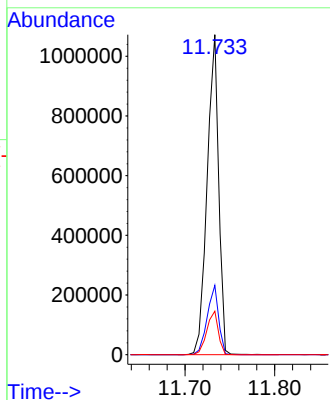
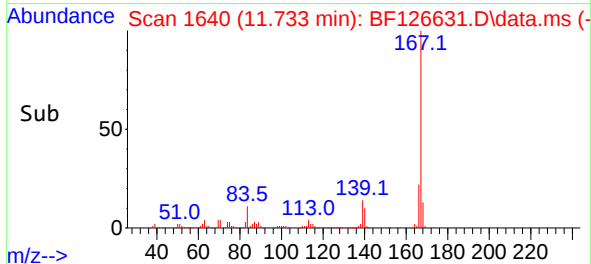
Instrument :
 BNA_F
 ClientSampleId :
 PB142179BS



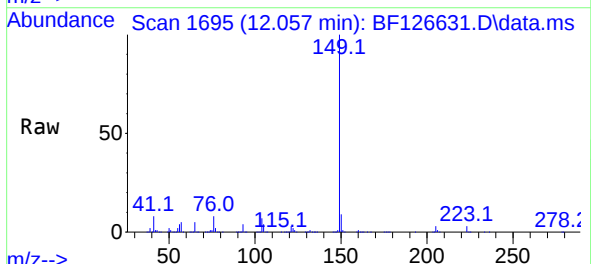
Tgt Ion:167 Resp: 95775
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 13.6 11.3 16.9

Manual Integrations
 APPROVED

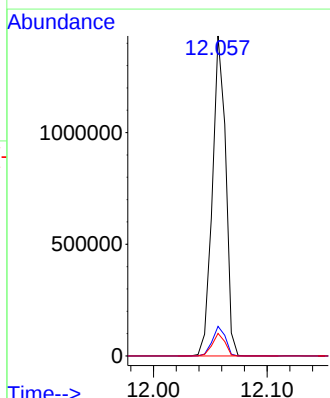
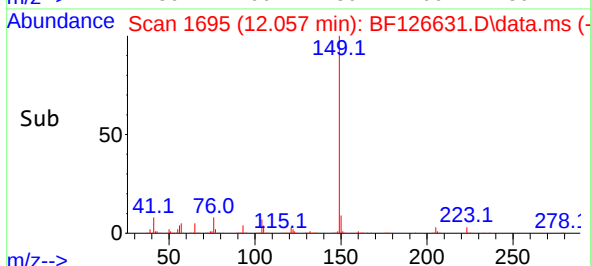
Reviewed By :Christian Giraldo 01/25/2022
 Supervised By :Jagrut Upadhyay 01/25/2022

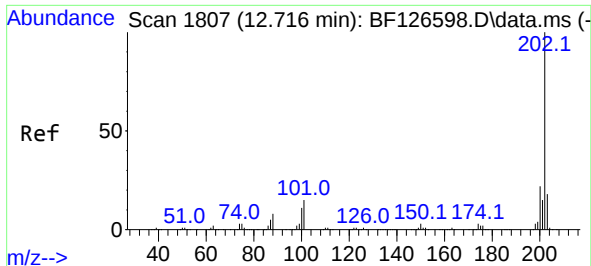


#74
 Di-n-butylphthalate
 Concen: 38.953 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BF126631.D
 Acq: 24 Jan 2022 11:45



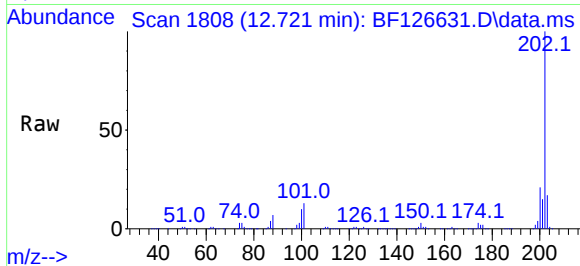
Tgt Ion:149 Resp: 1164729
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 7.0 4.2 6.2





#75
Fluoranthene
Concen: 41.973 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

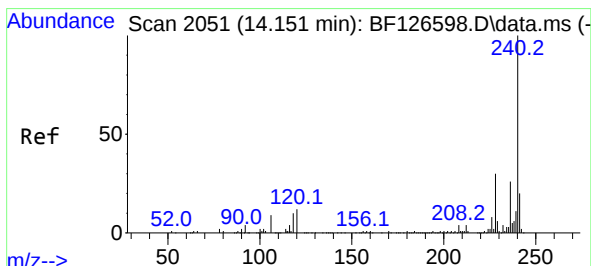
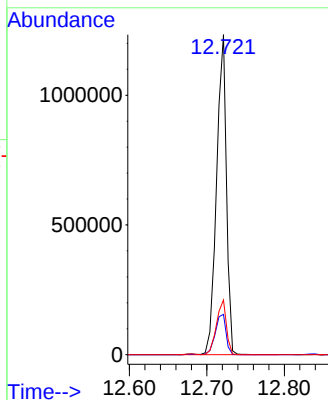
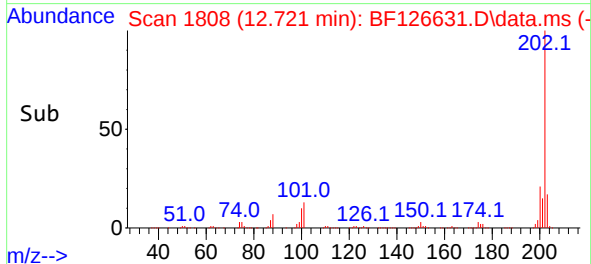
Instrument :
BNA_F
ClientSampleId :
PB142179BS



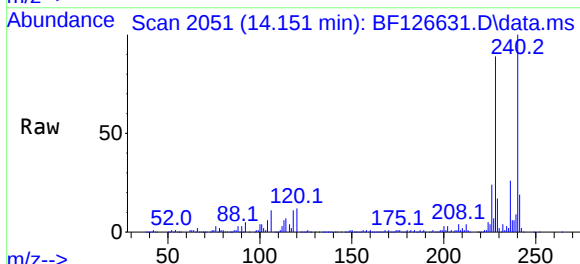
Tgt Ion:202 Resp: 109131
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.7
203 17.1 0.0 37.1

Manual Integrations
APPROVED

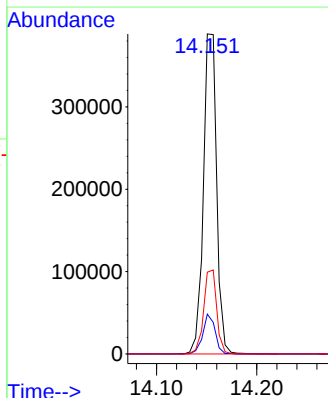
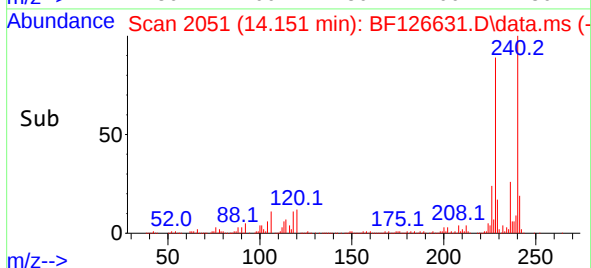
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

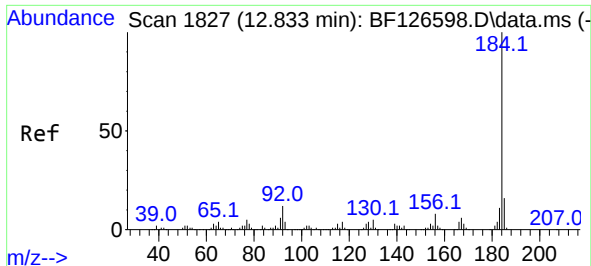


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



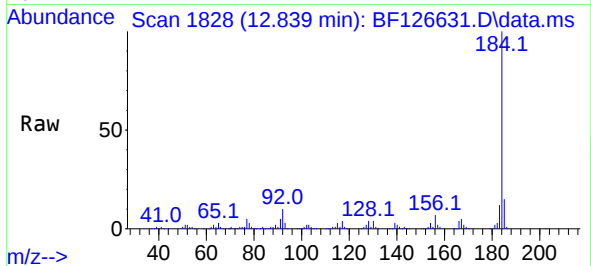
Tgt Ion:240 Resp: 358786
Ion Ratio Lower Upper
240 100
120 12.4 14.4 21.6#
236 25.6 20.5 30.7





#77
Benzidine
Concen: 22.386 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

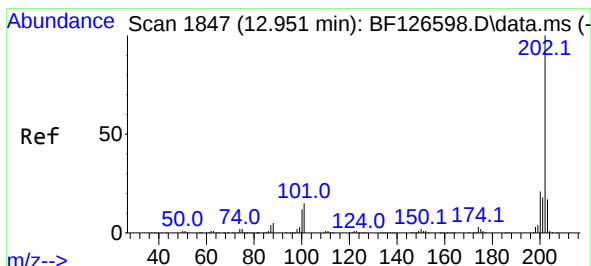
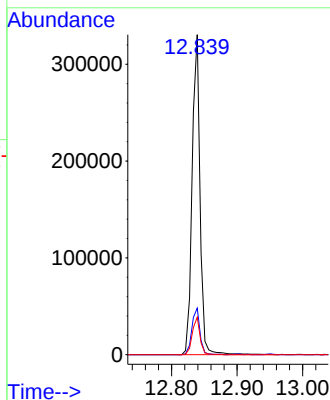
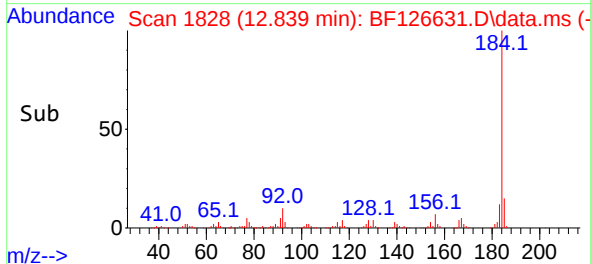
Instrument :
BNA_F
ClientSampleId :
PB142179BS



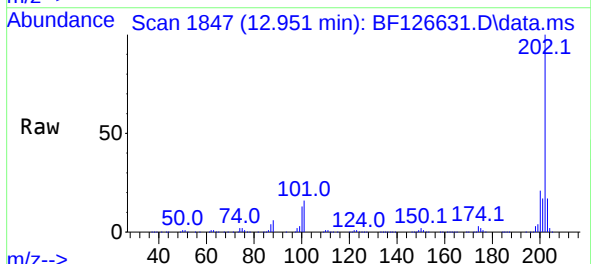
Tgt Ion:184 Resp: 277075
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.7 8.2 12.2

Manual Integrations
APPROVED

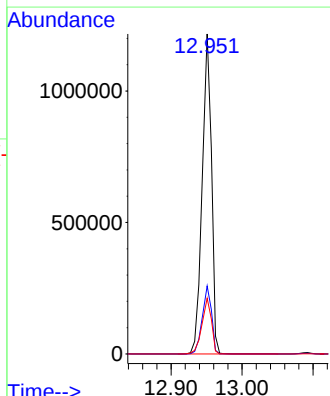
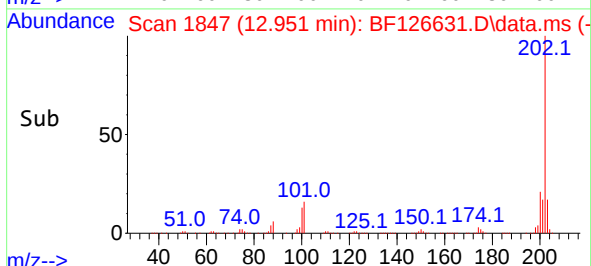
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

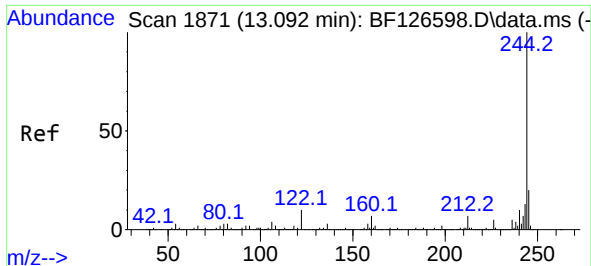


#78
Pyrene
Concen: 38.297 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:202 Resp: 1111150
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.4 13.8 20.8





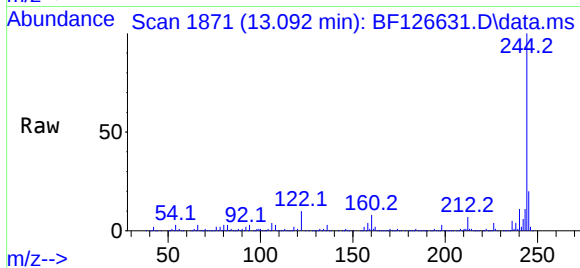
#79
Terphenyl-d14
Concen: 72.312 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

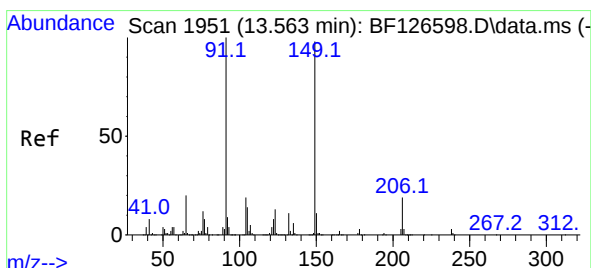
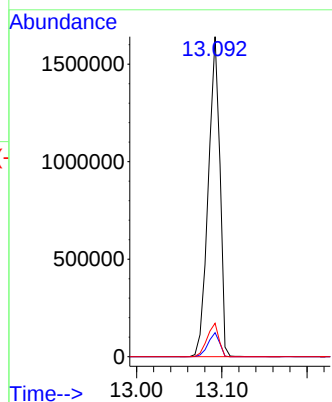
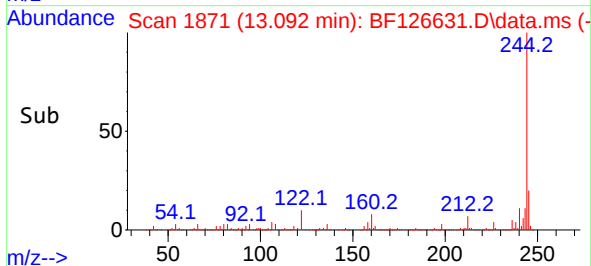


Tgt Ion:244 Resp: 1546834
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4
122 10.5 13.3 19.9

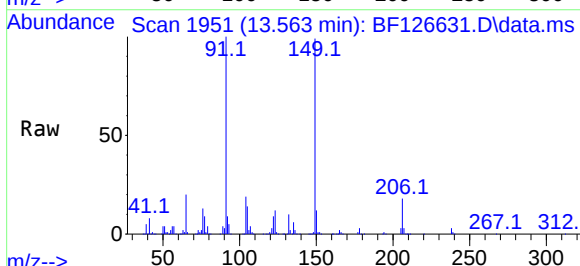
Manual Integrations

APPROVED

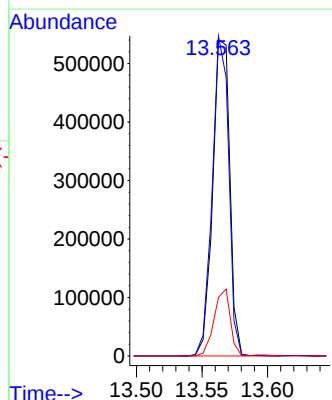
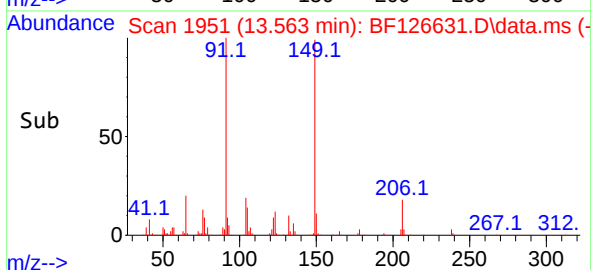
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

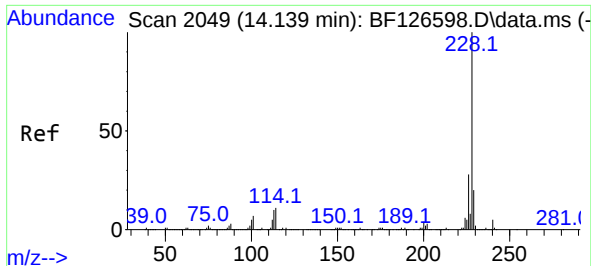


#80
Butylbenzylphthalate
Concen: 38.916 ng
RT: 13.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



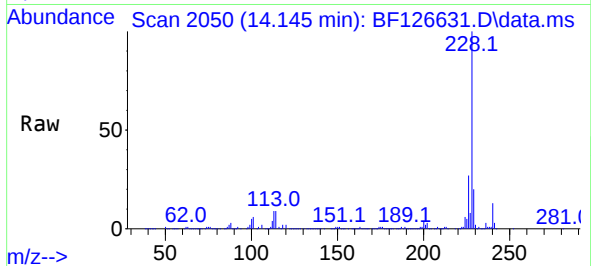
Tgt Ion:149 Resp: 490549
Ion Ratio Lower Upper
149 100
91 101.2 70.5 105.7
206 18.5 12.6 19.0





#81
Benzo(a)anthracene
Concen: 39.691 ng
RT: 14.145 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

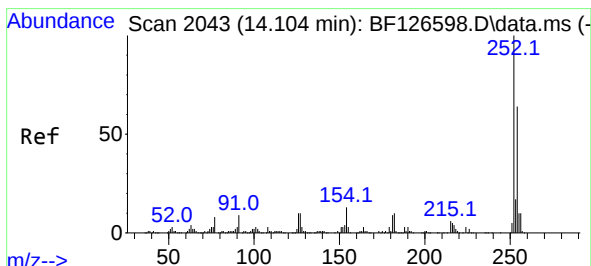
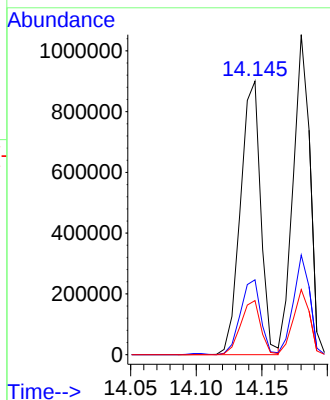
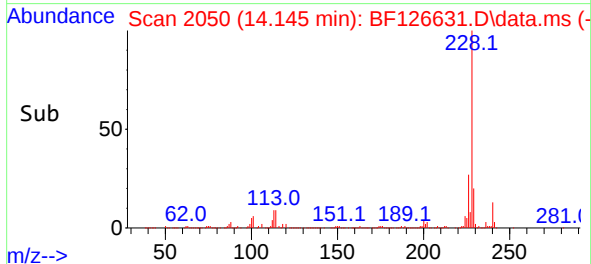
Instrument :
BNA_F
ClientSampleId :
PB142179BS



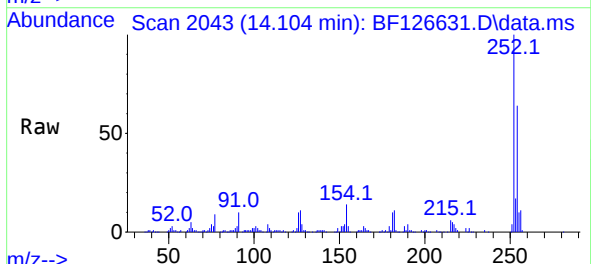
Tgt Ion:228 Resp: 967924
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.8 15.4 23.2

Manual Integrations
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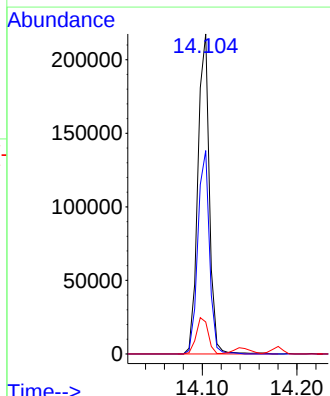
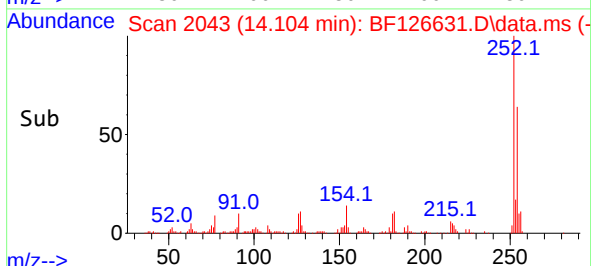
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

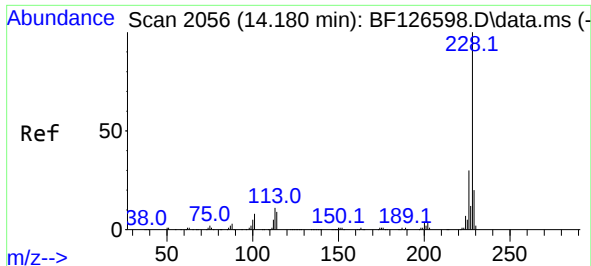


#82
3,3'-Dichlorobenzidine
Concen: 23.003 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:252 Resp: 184277
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.4
126 10.0 13.4 20.0#





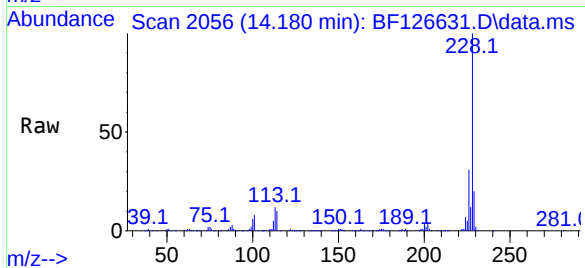
#83
Chrysene
Concen: 39.959 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

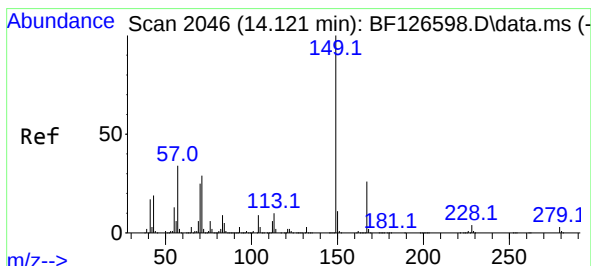
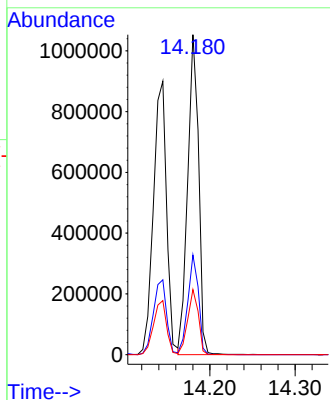
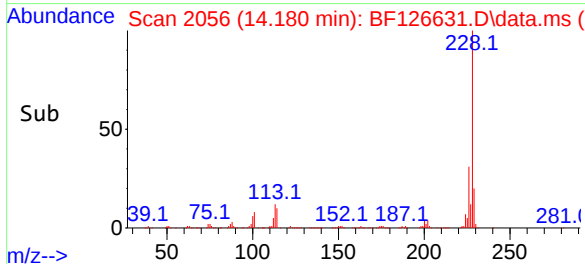


Tgt Ion:228 Resp: 937652
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 20.3 15.5 23.3

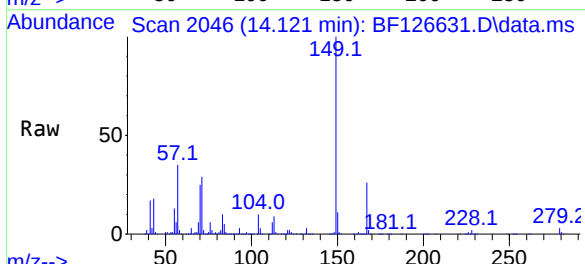
Manual Integrations

APPROVED

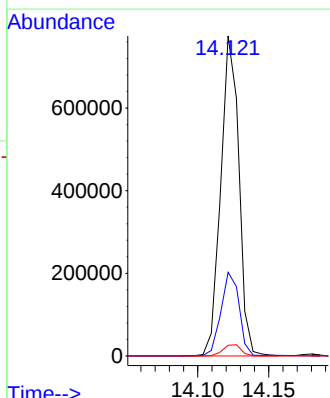
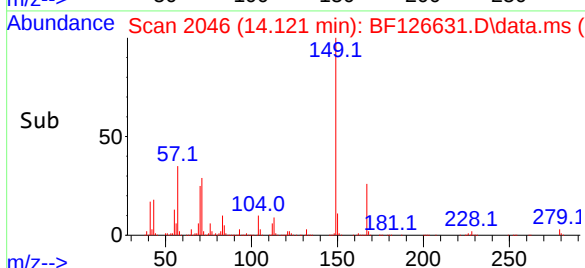
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

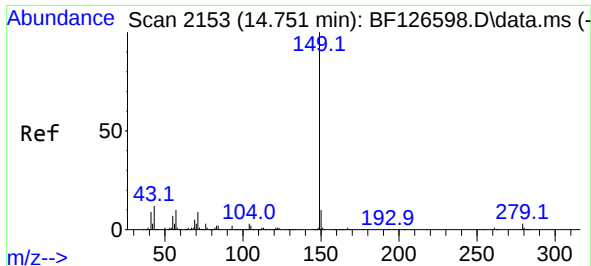


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.211 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:149 Resp: 686468
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 3.3 2.4 3.6





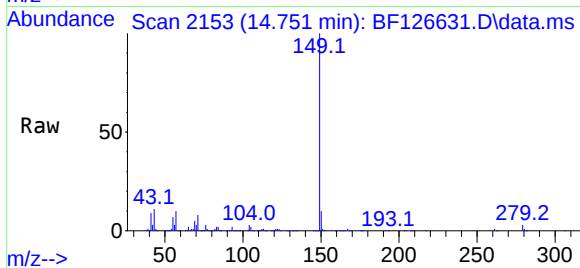
#85
Di-n-octyl phthalate
Concen: 41.971 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

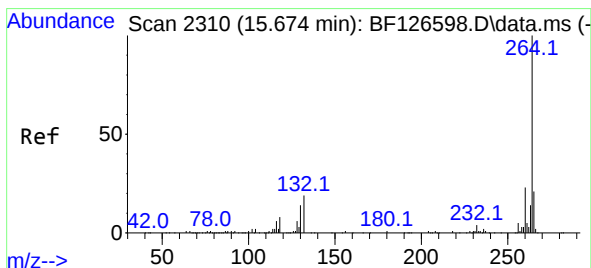
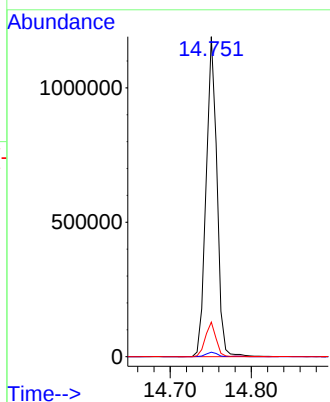
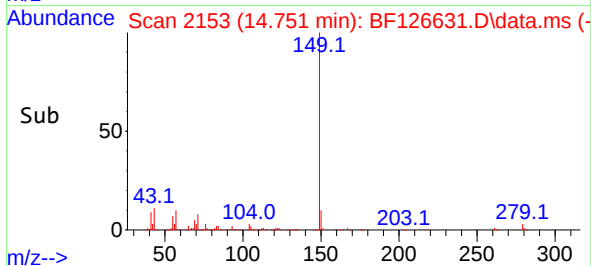


Tgt Ion:149 Resp: 1096989
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.8 9.9 14.9

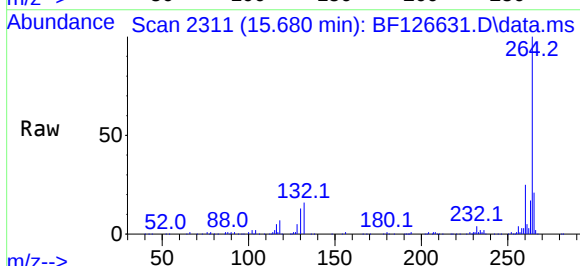
Manual Integrations

APPROVED

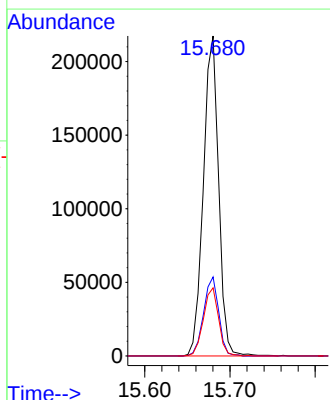
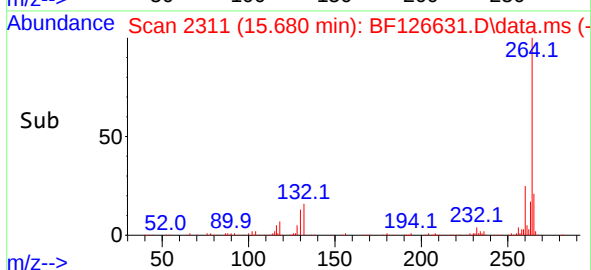
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

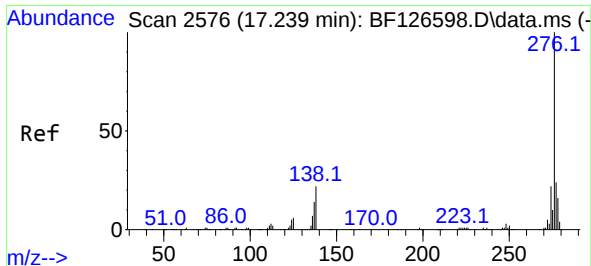


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2311
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45



Tgt Ion:264 Resp: 270138
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.013 ng
RT: 17.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

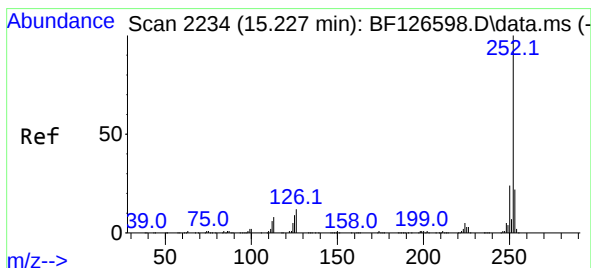
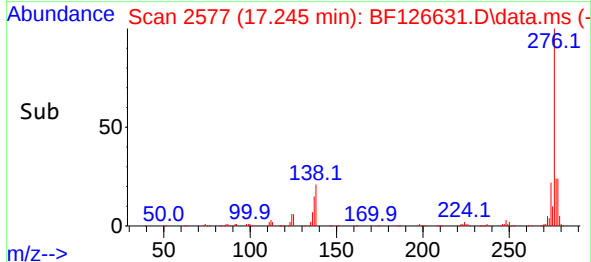
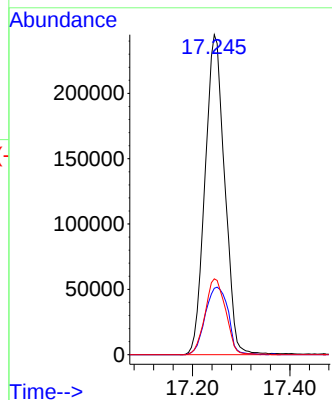
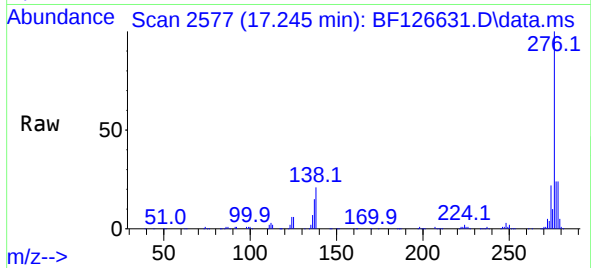
PB142179BS

Tgt Ion:276 Resp: 68453
Ion Ratio Lower Upper
276 100
138 24.6 29.2 43.8
277 24.8 19.8 29.8

Manual Integrations

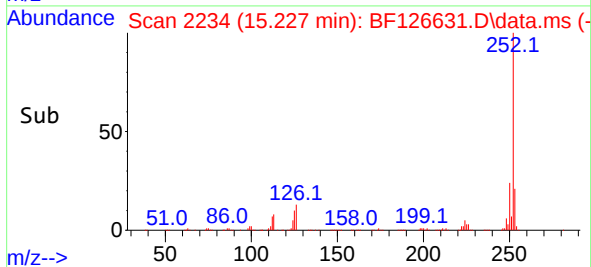
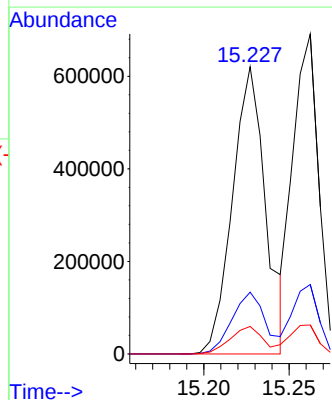
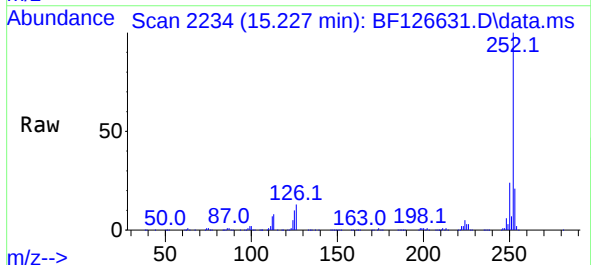
APPROVED

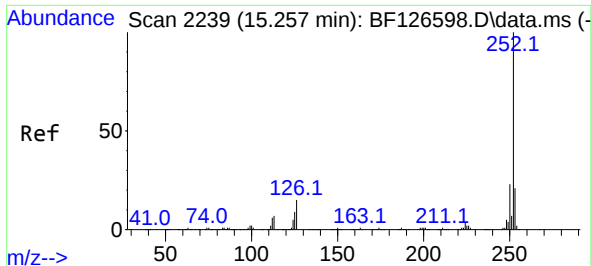
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#88
Benzo(b)fluoranthene
Concen: 46.914 ng
RT: 15.227 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:252 Resp: 840421
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 9.6 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 41.444 ng

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

PB142179BS

Tgt Ion:252 Resp: 728952

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

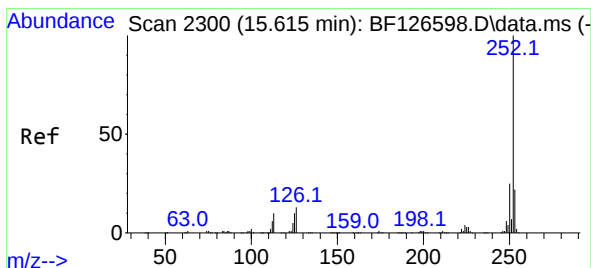
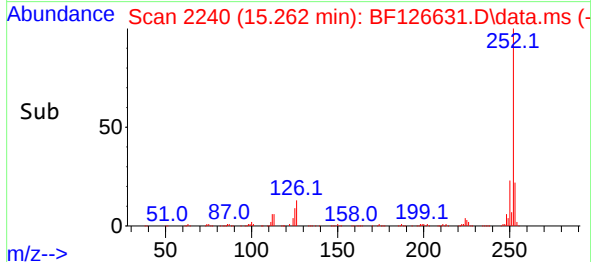
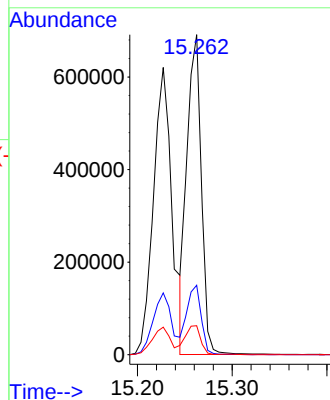
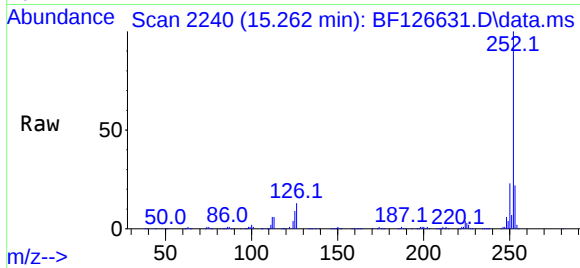
125 9.1 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022

Supervised By :Jagrut Upadhyay 01/25/2022



#90

Benzo(a)pyrene

Concen: 49.380 ng

RT: 15.615 min Scan# 2300

Delta R.T. -0.000 min

Lab File: BF126631.D

Acq: 24 Jan 2022 11:45

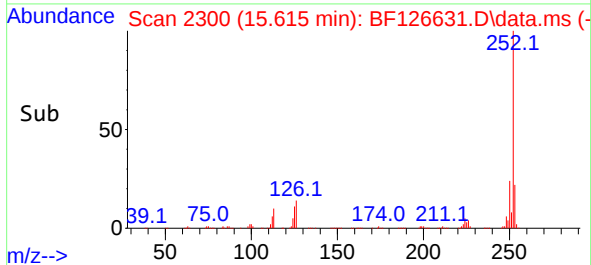
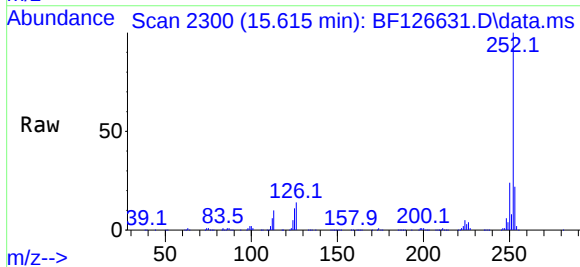
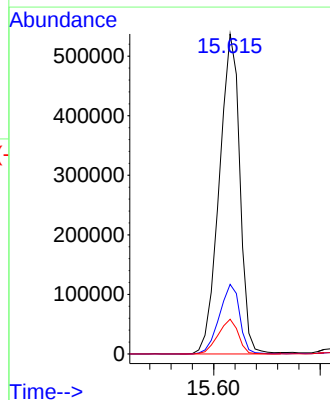
Tgt Ion:252 Resp: 719739

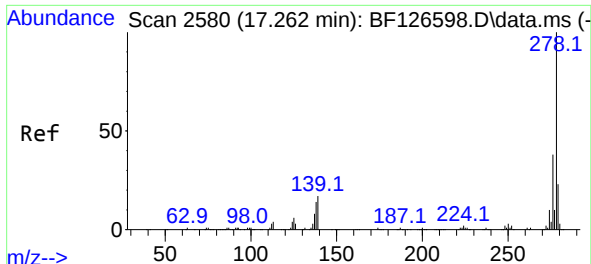
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 10.9 13.0 19.6#





#91
Dibenzo(a,h)anthracene
Concen: 41.543 ng
RT: 17.268 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Instrument :

BNA_F

ClientSampleId :

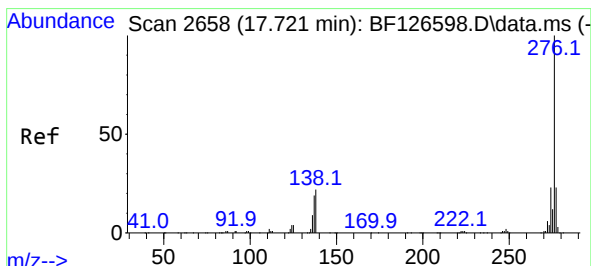
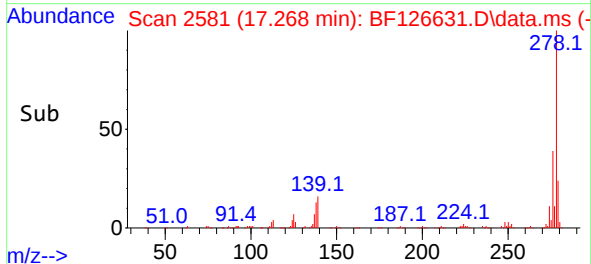
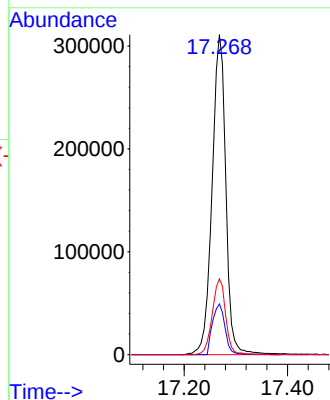
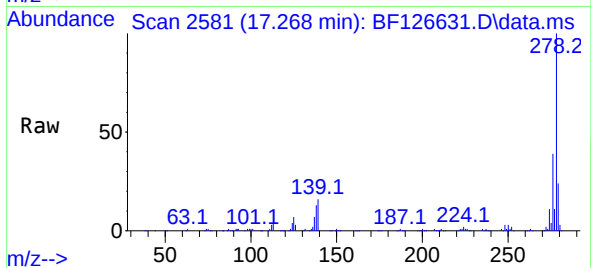
PB142179BS

Tgt Ion:278 Resp: 57441
Ion Ratio Lower Upper
278 100
139 15.9 18.0 27.0
279 23.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#92
Benzo(g,h,i)perylene
Concen: 41.005 ng
RT: 17.727 min Scan# 2659
Delta R.T. 0.006 min
Lab File: BF126631.D
Acq: 24 Jan 2022 11:45

Tgt Ion:276 Resp: 555946
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 20.8 25.9 38.9

